Energy Laboratories Inc

ANALYTICAL RUN Summary

14-Jan-22

Run ID PE 1_211208B

Run Start Date: 12/8/2021
Analyst: Josie Pickard
Ical: 0
Column ID: Rtx-502.2
Comments:

Instrument ID	Description
VOC1-14	2-Place Balance

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
GAS210122	Unleaded Gasoline Comp. Std.(2.0uL)						6/7/2023
GASL211208	Low Gasoline Std.						6/7/2023
GQC201214	Gasoline Composite Mix (1.68uL)	1.68	ul			ICV	4/2/2030
GROS200921	Gro Stock Standard Mt.Gro	0.84	ul			Marker	3/28/2029
SHP0292	VOA 1:1 HCl:H2O Solution	3	drops			ALL	12/15/2025
TFT211208	TFT (1.05uL)						9/10/2029
TFTL211208	TFTL						9/10/2029
TFTM211208	TFTM						9/10/2029

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910960	CCV_1208PE12	HC-8015-GRO-	CCV		12/8/2021 10:39:	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	245.5184	245.5184		168	0	0	2.32	20	0	146%	80	120	0%	S
Total Purgeable Hydrocarbons	A	ug/L	256.3839	256.3839		200	0	0	3.56	20	0	128%	80	120	0%	S
Trifluorotoluene	S	ug/L	21.39915	21.39915		25	0	0	0.0743	1	0	86%	80	120	0%	
GRO as Gasoline	X	ug/L	245.5184	245.5184		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910961	CCV_1208PE12	HC-8015-GRO-	CCV		12/9/2021 12:59:	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	16.13485	16.13485		16.8	0	0	2.32	20	0	96%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	18.94534	18.94534		20	0	0	3.56	20	0	95%	80	120	0%	
Trifluorotoluene	S	ug/L	1.062791	1.062791		1	0	0	0.0743	1	0	106%	80	120	0%	
GRO as Gasoline	X	ug/L	16.13485	16.13485		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910962	CCV_1208PE12	HC-8015-GRO-	CCV		12/9/2021 1:34:2	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	84.50686	84.50686		84	0	0	2.32	20	0	101%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	100.3098	100.3098		100	0	0	3.56	20	0	100%	80	120	0%	
Trifluorotoluene	S	ug/L	5.58406	5.58406		5	0	0	0.0743	1	0	112%	80	120	0%	
GRO as Gasoline	X	ug/L	84.50686	84.50686		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910963	CCV_1208PE12	HC-8015-GRO-	CCV		12/9/2021 2:09:2	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	169.3677	169.3677		168	0	0	2.32	20	0	101%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	201.89	201.89		200	0	0	3.56	20	0	101%	80	120	0%	
Trifluorotoluene	S	ug/L	23.42411	23.42411		25	0	0	0.0743	1	0	94%	80	120	0%	
GRO as Gasoline	X	ug/L	169.3677	169.3677		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910964	CCV_1208PE12	HC-8015-GRO-	CCV		12/9/2021 2:44:2	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	849.1638	849.1638		840	0	0	2.32	20	0	101%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	1017.955	1017.955		1000	0	0	3.56	20	0	102%	80	120	0%	
Trifluorotoluene	S	ug/L	93.30469	93.30469		100	0	0	0.0743	1	0	93%	80	120	0%	
GRO as Gasoline	X	ug/L	849.1638	849.1638		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910965	CCV_1208PE13	HC-8015-GRO-	CCV		12/9/2021 3:19:3	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	1704.373	1704.373		1680	0	0	2.32	20	0	101%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	2044.461	2044.461		2000	0	0	3.56	20	0	102%	80	120	0%	
Trifluorotoluene	S	ug/L	190.0902	190.0902		200	0	0	0.0743	1	0	95%	80	120	0%	
GRO as Gasoline	X	ug/L	1704.373	1704.373		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910966	LCS_1208PE13	HC-8015-GRO-	LCS		12/9/2021 4:29:4	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	170.5147	170.5147		170	0	0	2.32	20	0	100%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	208.3308	208.3308		200	0	0	3.56	20	0	104%	80	120	0%	
Trifluorotoluene	S	ug/L	22.09964	22.09964		25	0	0	0.0743	1	0	88%	80	120	0%	
GRO as Gasoline	X	ug/L	170.5147	170.5147		170	0	0	2.32	20	0	100%	80	120	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14910967	CCV_1208PE13	HC-8015-GRO-	CCV		12/9/2021 5:04:4	1	R371441		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	169.2249	169.2249		168	0	0	2.32	20	0	101%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	202.0202	202.0202		200	0	0	3.56	20	0	101%	80	120	0%	
Trifluorotoluene	S	ug/L	23.20175	23.20175		25	0	0	0.0743	1	0	93%	80	120	0%	
GRO as Gasoline	X	ug/L	169.2249	169.2249		0	0	0	2.32	20	0	0%	0	0	0%	

Write Sequence | Insert Entries(Have the first cell for entries selecte

Data File	Sample Name	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID
G:\Org\PE1\DAT\PE1120821_b\1208PE1.22r	CCV_1208PE122r, GQC ;1208PE1 , 8015 Marker	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.23r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.24r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.25r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.26r	CCV_1208PE126r, GQC ;1208PE1 , G1	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.27r	CCV_1208PE127r, GQC ;1208PE1 , G2	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.28r	CCV_1208PE128r, GQC ;1208PE1 , G3	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.29r	CCV_1208PE129r, GQC ;1208PE1 , G4	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.30r	CCV_1208PE130r, GQC ;1208PE1 , G5	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.31r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.32r	LCS_1208PE132r, GQC ;1208PE1 , ICV	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.33r	CCV_1208PE133r, GQC ;1208PE1 , CCV	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1120821_b\1208PE1.34r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0

File Name: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Version: 4

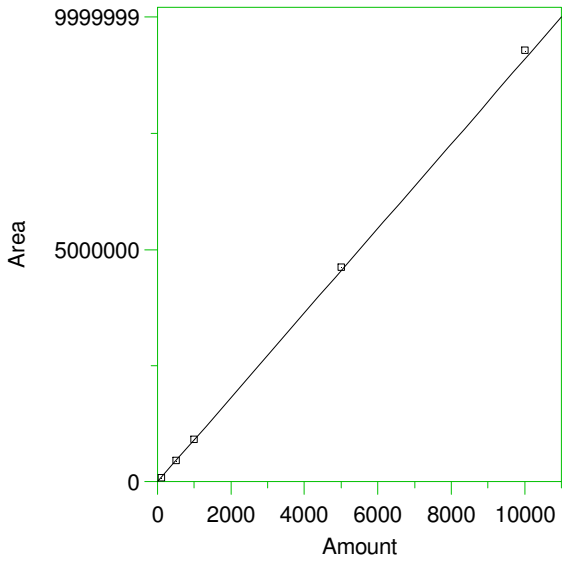
Creator: jmp
Description: 8015 GRO Composite Gasoline Std 12/8/21
Reason for change:

External standard calibration
Standard injection volume: 1
Standard sample weight: 1
Area reject threshold: 50
Reference peak area reject threshold: 15000
Amount units: nanograms
No default component

Method of calculating data point averages: Current update equal to cal data
Print calibration update report

All levels are normal data points.

1 TPH



Expected retention time: 4.55 minutes
Search window: 0.1 minutes
No retention time reference component
Group number: 1

High alarm limit: 1000000
Low alarm limit: 1000
Component constant: 1

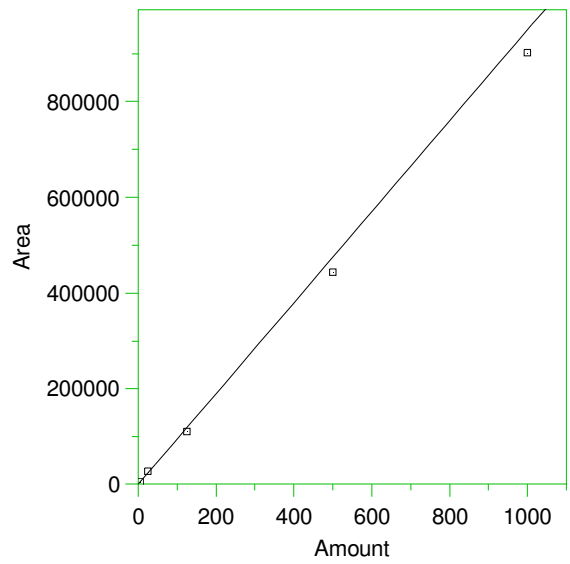
Single peak quantification by area

Y = 909.3915 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9992262
Average error: 2.109%
Average CF: 909.3915
RSD: 3.040%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	100	86143.63	861.4363	-5.273	Manual	12/9/2021 7:44:50 AM
2	500	456104.3	912.2086	0.310	Manual	12/9/2021 7:45:04 AM
3	1000	917985.1	917.9851	0.945	Manual	12/9/2021 7:45:17 AM
4	5000	4628599	925.7198	1.796	Manual	12/9/2021 7:45:32 AM
5	10000	9296078	929.6078	2.223	Manual	12/9/2021 7:45:57 AM

2 **Trifluorotoluene



Expected retention time: 8.7 minutes
Search window: 0.1 minutes
No retention time reference component
Group number: 1

High alarm limit: 1000000
Low alarm limit: 1000
Component constant: 1

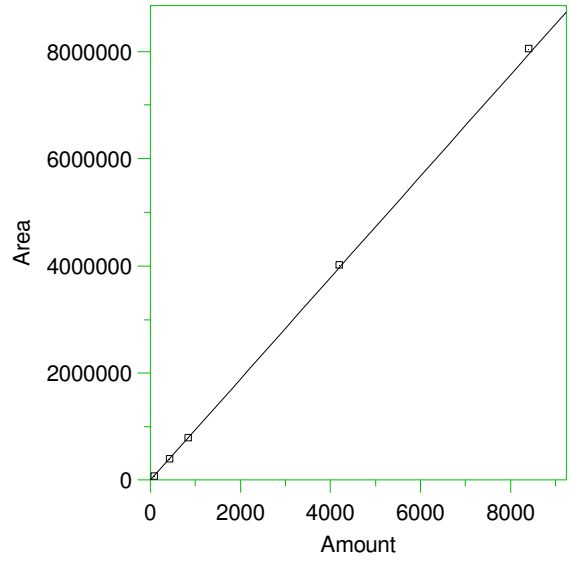
Single peak quantification by area

Y = 949.8164 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9943398
Average error: 7.181%
Average CF: 949.8164
RSD: 8.439%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	5	5047	1009.4	6.273	Manual	12/9/2021 7:37:16 AM
2	25	26519	1060.76	11.681	Manual	12/9/2021 7:40:13 AM
3	125	111243	889.944	-6.304	Manual	12/9/2021 7:41:25 AM
4	500	443112	886.224	-6.695	Manual	12/9/2021 7:42:24 AM
5	1000	902754	902.754	-4.955	Manual	12/9/2021 7:43:15 AM

3 GRO Range End



Expected retention time: 17.83 minutes
Search window: 0.1 minutes
No retention time reference component
Group number: 1

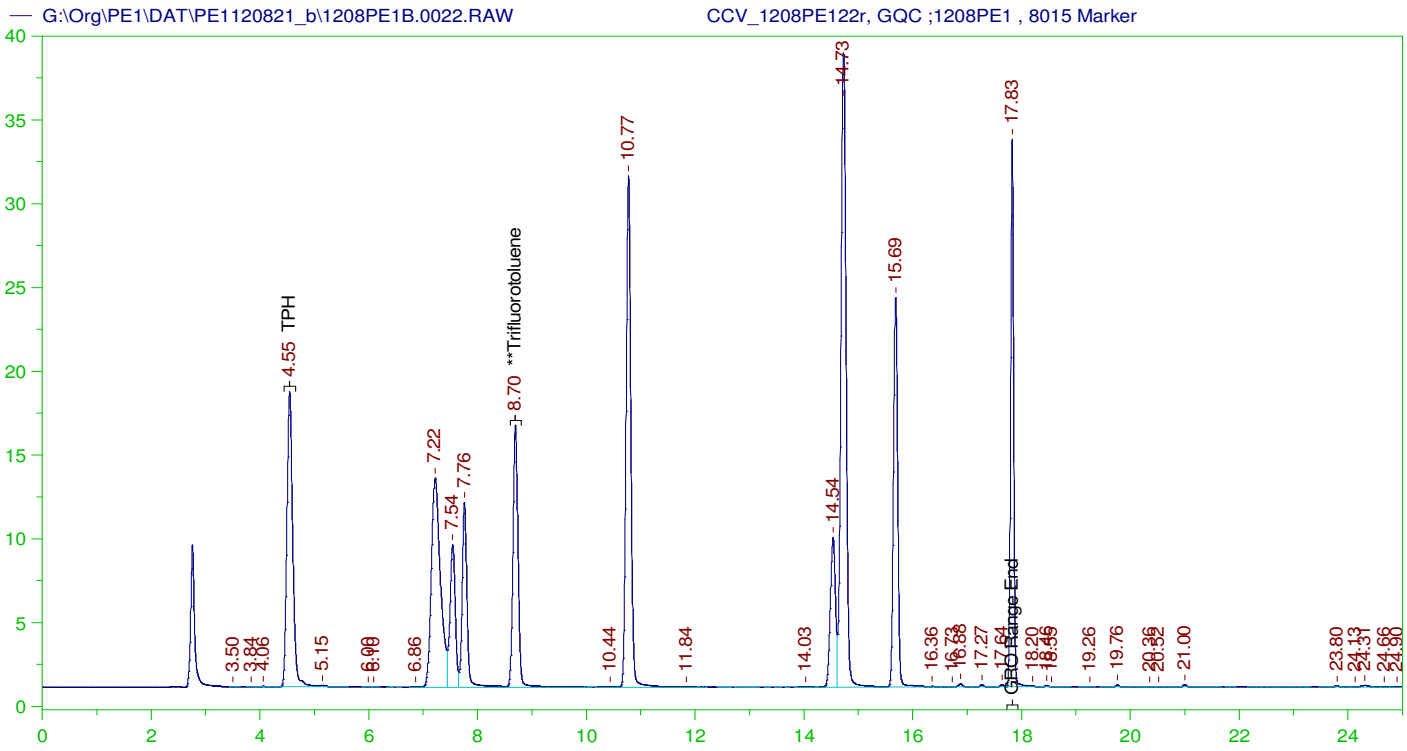
High alarm limit: 1000000
Low alarm limit: 1000
Component constant: 1

Single peak quantification by area

Y = 945.9678 X + 0

Average CF fit with equal weighting, forced to origin
Coefficient of determination: 0.9996708
Average error: 1.584%
Average CF: 945.9678
RSD: 2.236%

Level	Amount	Response	Cal Factor	Error, %	Source	Date and time
1	84	76315.23	908.5146	-3.959	Manual	12/9/2021 7:44:54 AM
2	420	399703.8	951.6757	0.603	Manual	12/9/2021 7:45:09 AM
3	840	801082.1	953.6692	0.814	Manual	12/9/2021 7:45:23 AM
4	4200	4016408	956.2876	1.091	Manual	12/9/2021 7:45:44 AM
5	8400	8061411	959.6918	1.451	Manual	12/9/2021 7:46:02 AM



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE122r, GQC ;1208PE1 , 8015 Marker
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0022.RAW
Date & Time Acquired: 12/8/2021 10:39:19 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

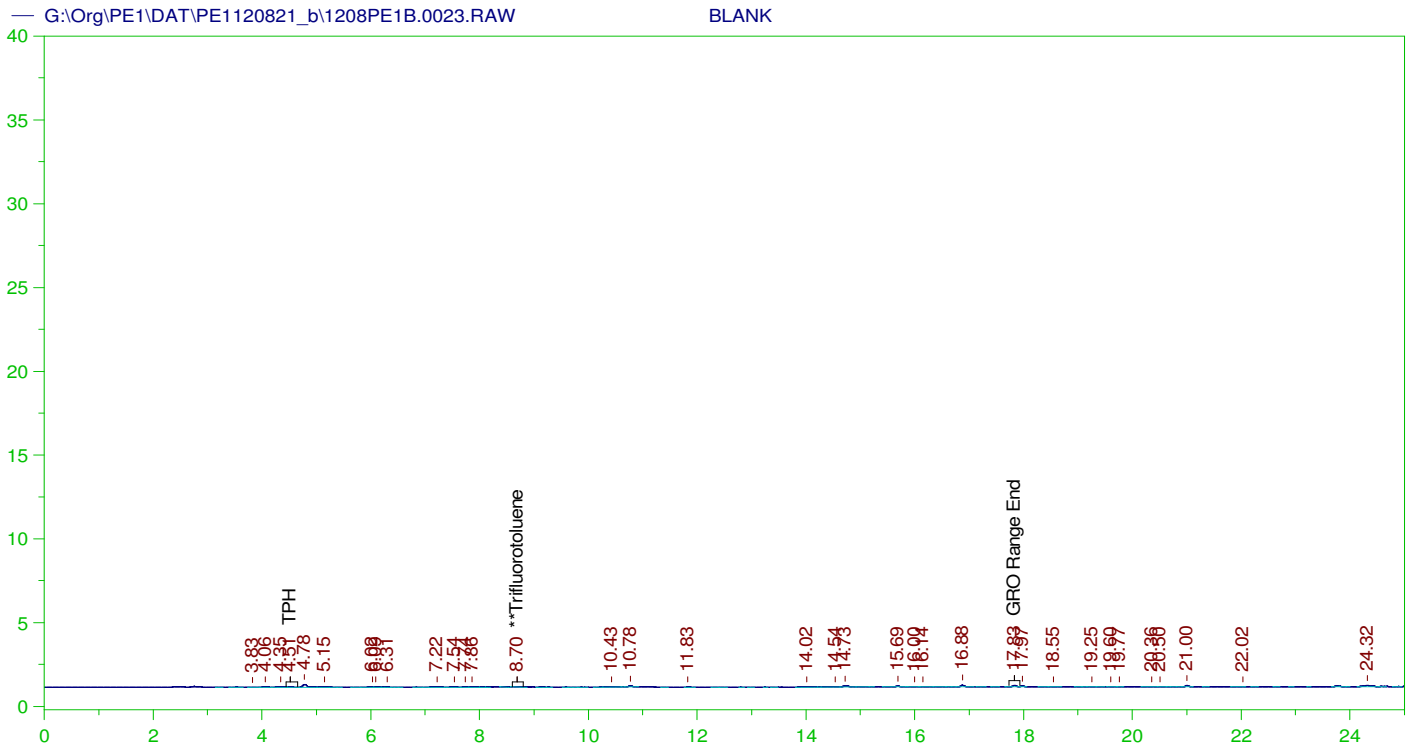
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	125.	106.996	85.6	-

GRO Area:1161262 GRO Amount: 1227.592
TPH Area:1165767 TPH Amount: 1281.92

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0022.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1227.59	146.14	85-115
TPH	1000.	1281.92	128.19	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.697	125.	106.996	85.6	85-115



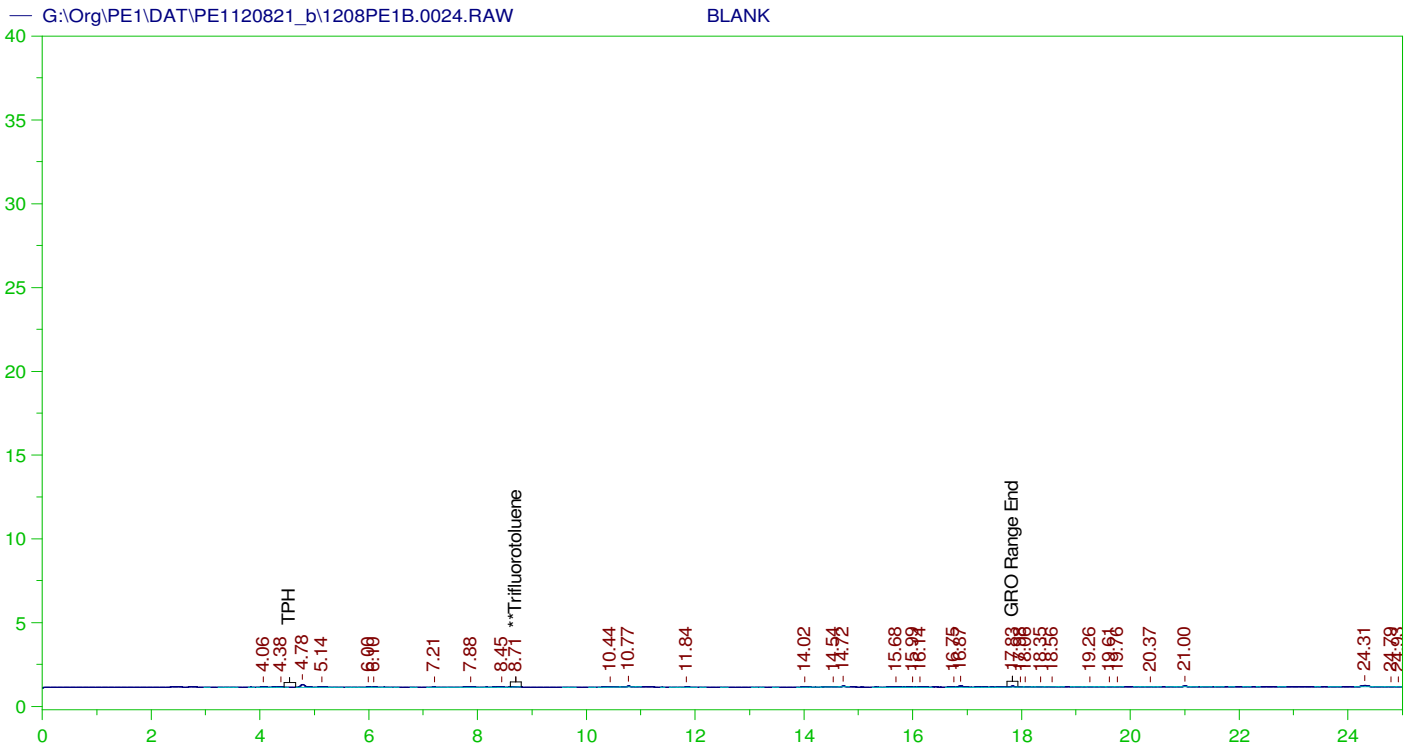
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0023.RAW
Date & Time Acquired: 12/8/2021 11:14:25 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	.173	.14	-

GRO Area:6425.571 GRO Amount: 6.79259
TPH Area:8542.397 TPH Amount: 9.393532



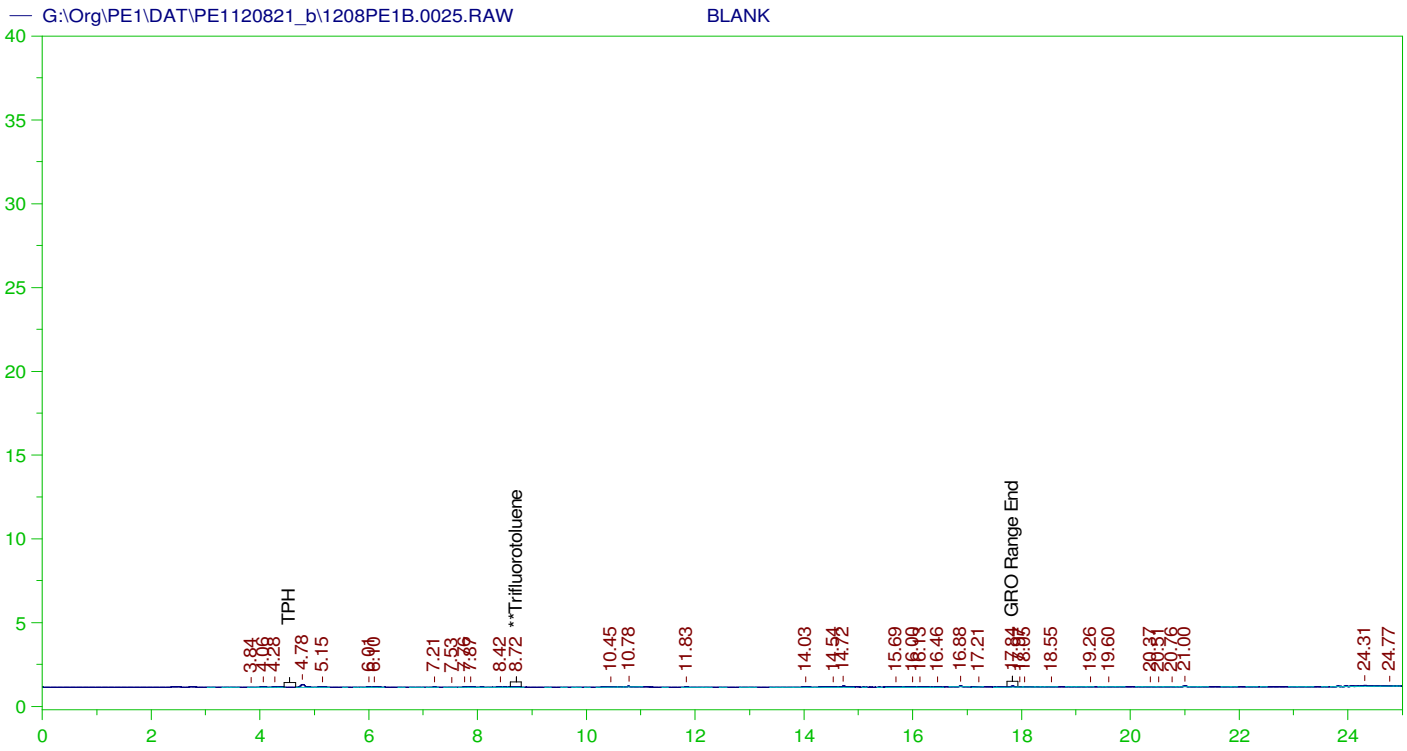
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0024.RAW
Date & Time Acquired: 12/8/2021 11:49:21 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.709	125.	.078	.06	-

GRO Area:5165.113 GRO Amount: 5.460136
TPH Area:7678.714 TPH Amount: 8.443793



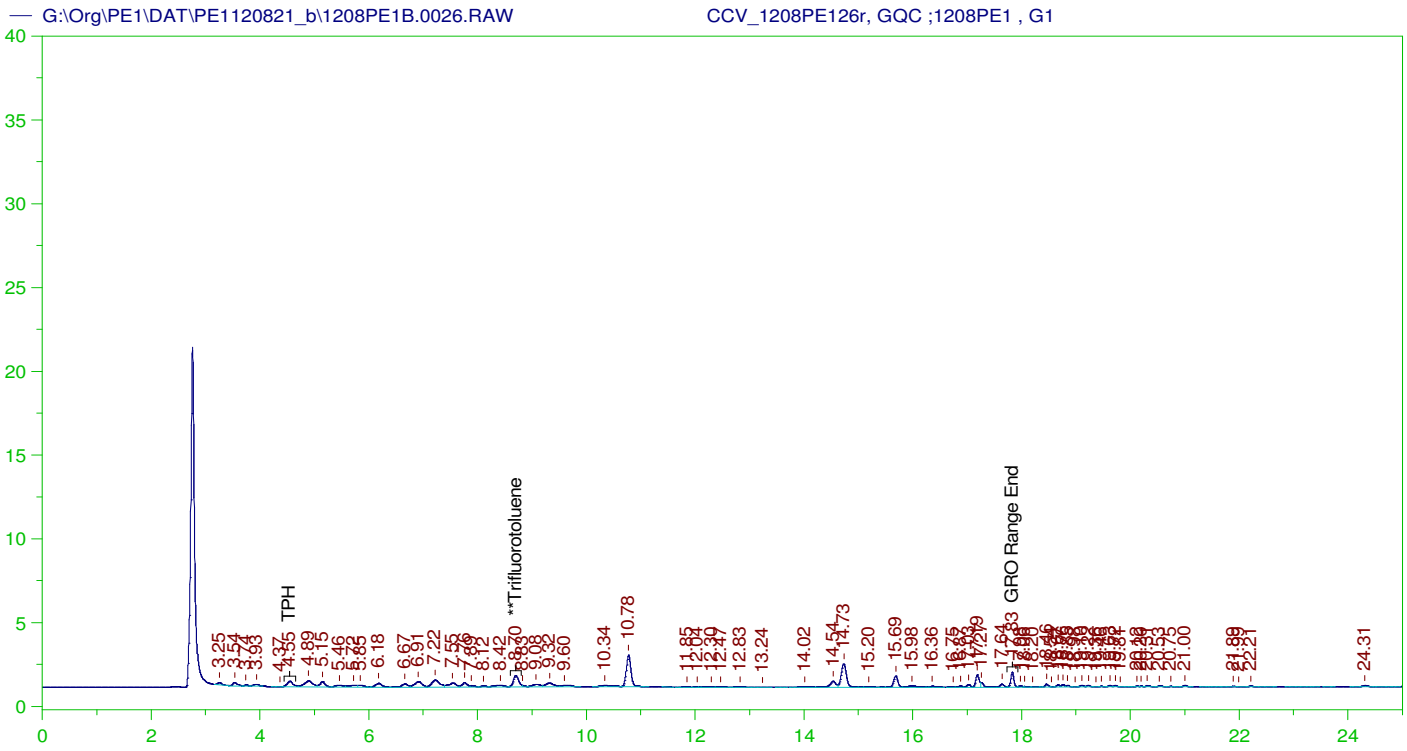
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0025.RAW
Date & Time Acquired: 12/9/2021 12:24:28 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.721	125.	.148	.12	-

GRO Area:5271.259 GRO Amount: 5.572345
TPH Area:7787.289 TPH Amount: 8.563187



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE126r, GQC ;1208PE1 , G1
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0026.RAW
Date & Time Acquired: 12/9/2021 12:59:27 AM
Method File: G:\Org\PE1\Methods\211208GROG1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

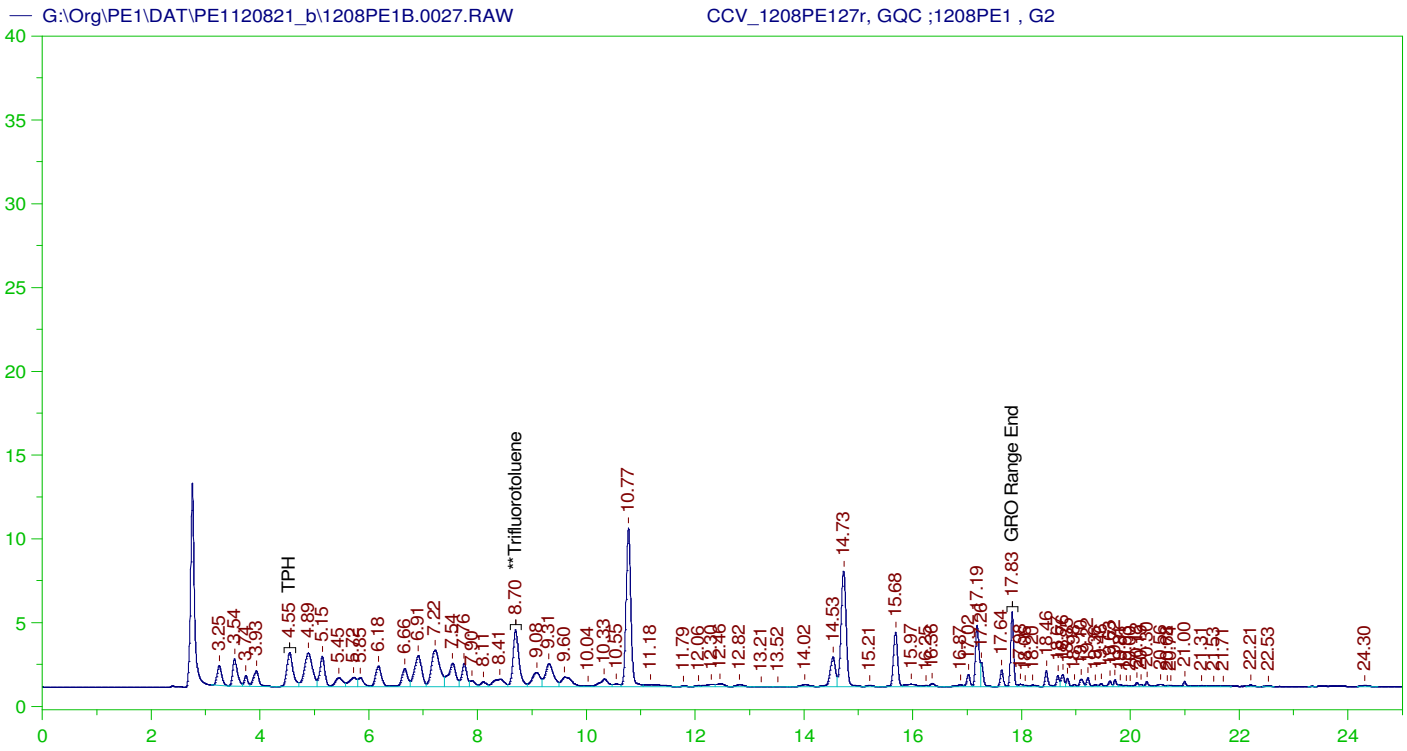
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.703	125.	5.314	4.25	-

GRO Area:76315.23 GRO Amount: 80.67424
TPH Area:86143.63 TPH Amount: 94.72668

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0026.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	80.67	9.6	85-115
TPH	1000.	94.73	9.47	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.703	125.	5.314	4.25	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE127r, GQC ;1208PE1 , G2
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0027.RAW
Date & Time Acquired: 12/9/2021 1:34:28 AM
Method File: G:\Org\PE1\Methods\211208GROG2B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

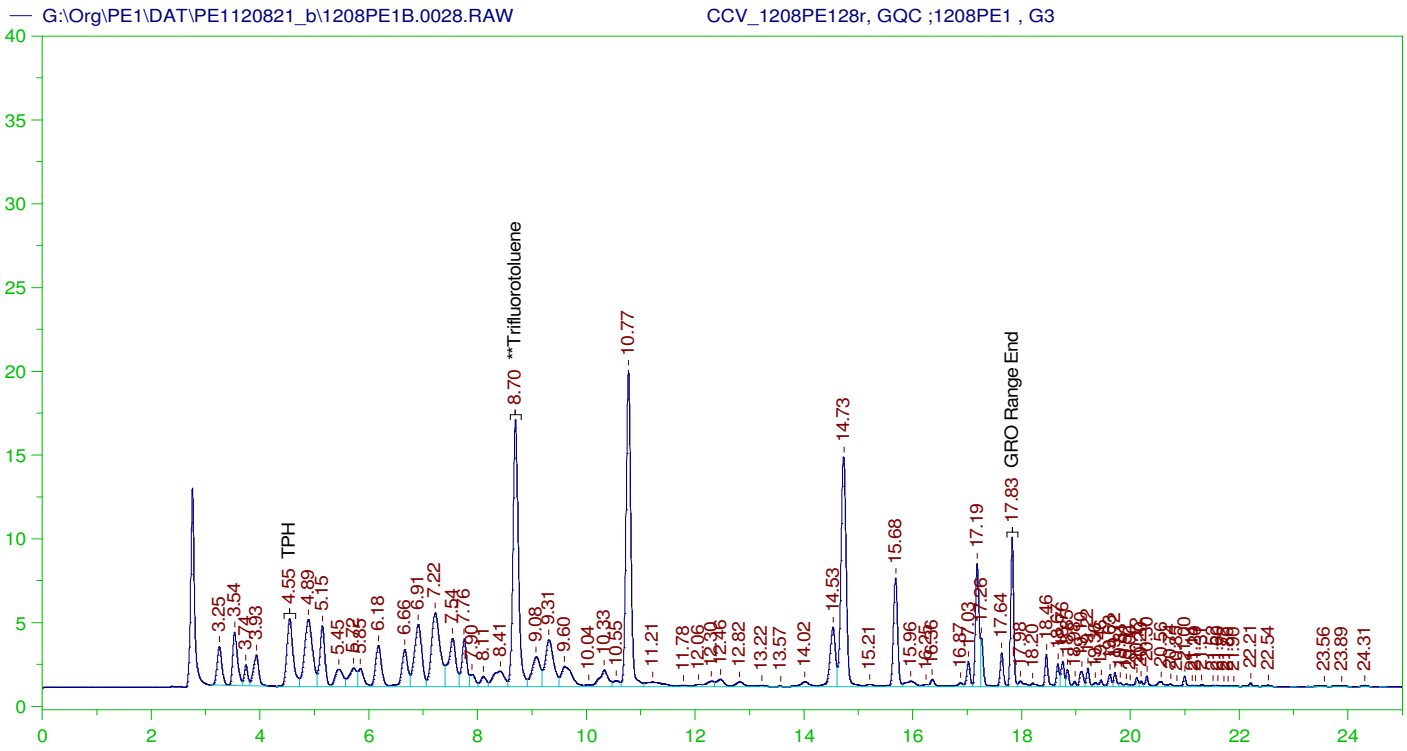
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.701	125.	27.92	22.34	-

GRO Area:399703.8 GRO Amount: 422.5343
TPH Area:456104.3 TPH Amount: 501.549

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0027.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	422.53	50.3	85-115
TPH	1000.	501.55	50.15	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.701	125.	27.92	22.34	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE128r, GQC ;1208PE1 , G3
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0028.RAW
Date & Time Acquired: 12/9/2021 2:09:28 AM
Method File: G:\Org\PE1\Methods\211208GROG3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

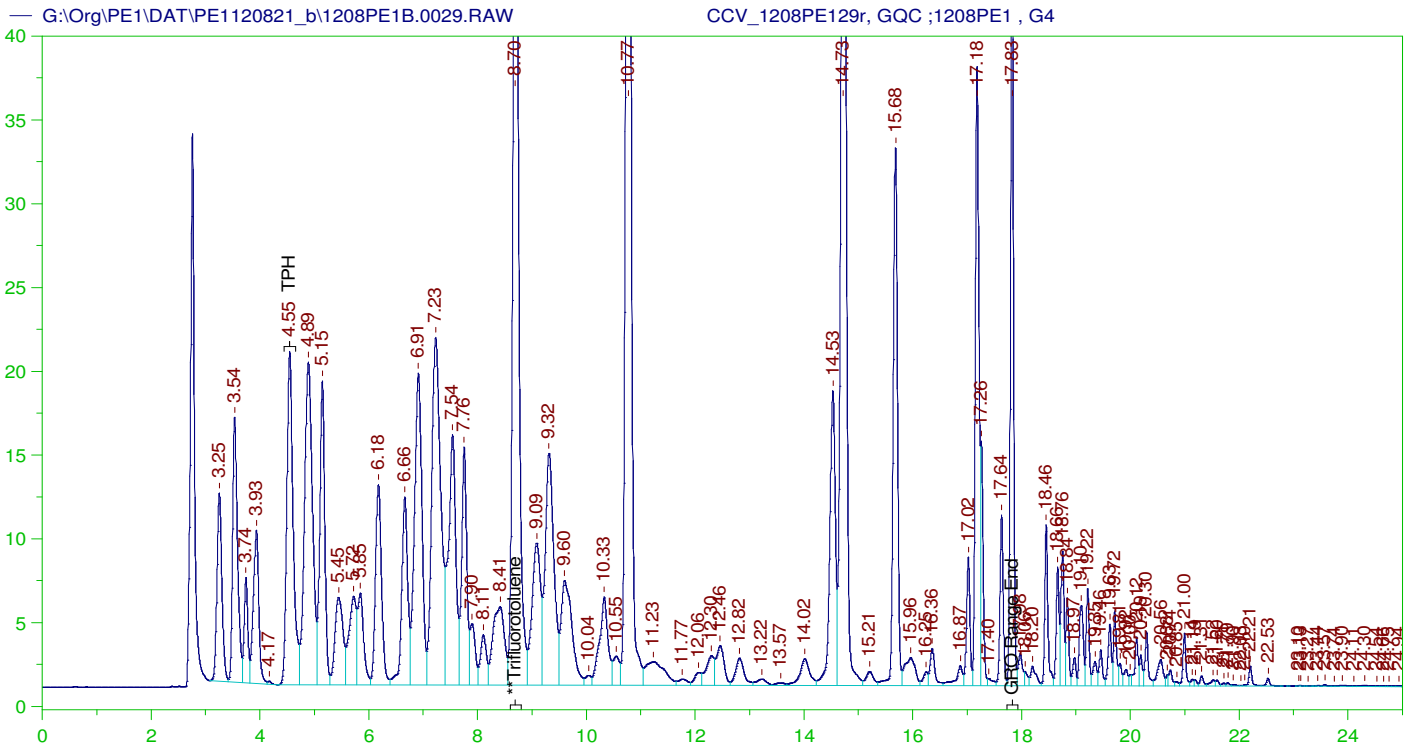
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.698	125.	117.121	93.7	-

GRO Area:801082.1 GRO Amount: 846.8386
TPH Area:917985.1 TPH Amount: 1009.45

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0028.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	846.84	100.81	85-115
TPH	1000.	1009.45	100.95	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.698	125.	117.121	93.7	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE129r, GQC ;1208PE1 , G4
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0029.RAW
Date & Time Acquired: 12/9/2021 2:44:28 AM
Method File: G:\Org\PE1\Methods\211208GROG4B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

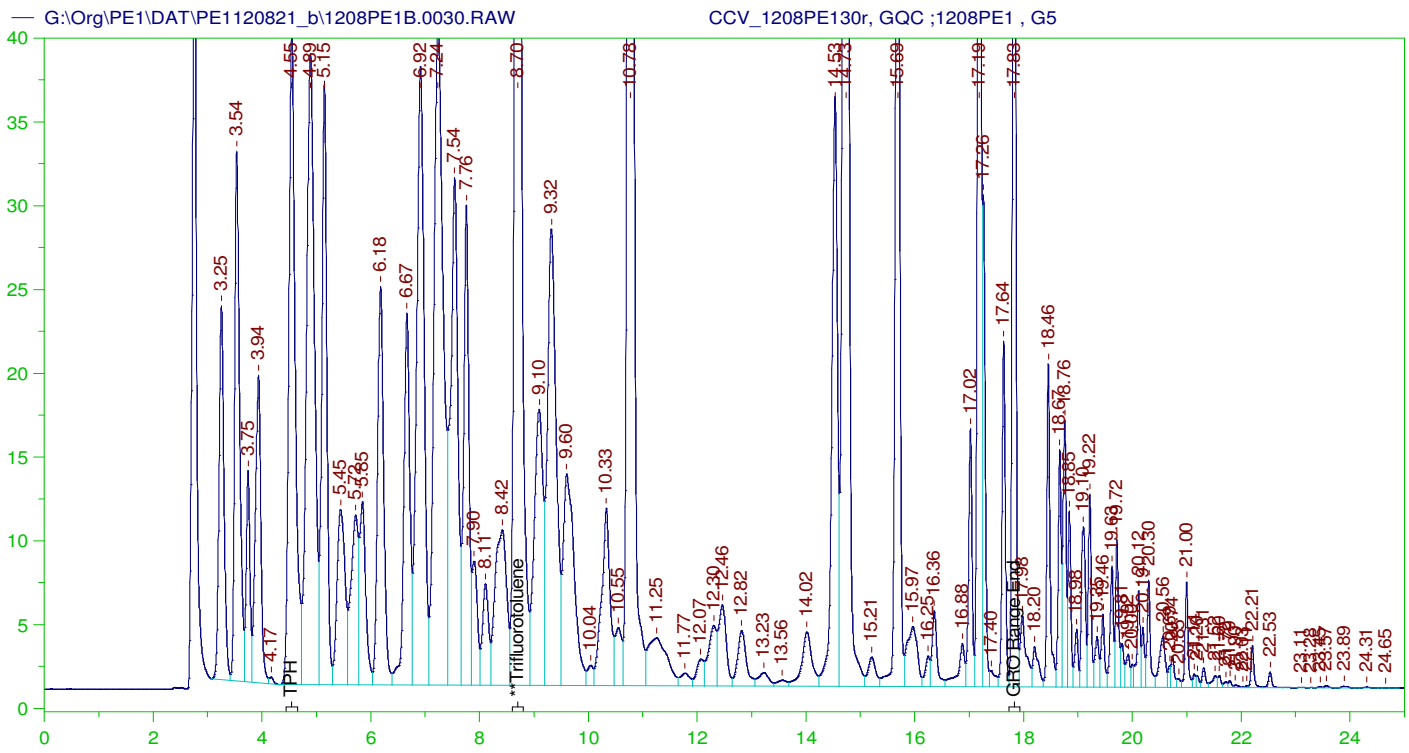
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.698	125.	466.523	373.22	-

GRO Area:4016408 GRO Amount: 4245.819
TPH Area:4628599 TPH Amount: 5089.775

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0029.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	4245.82	505.45	85-115
TPH	1000.	5089.78	508.98	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.698	125.	466.523	373.22	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE130r, GQC ;1208PE1 , G5
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0030.RAW
Date & Time Acquired: 12/9/2021 3:19:32 AM
Method File: G:\Org\PE1\Methods\211208GROG5B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

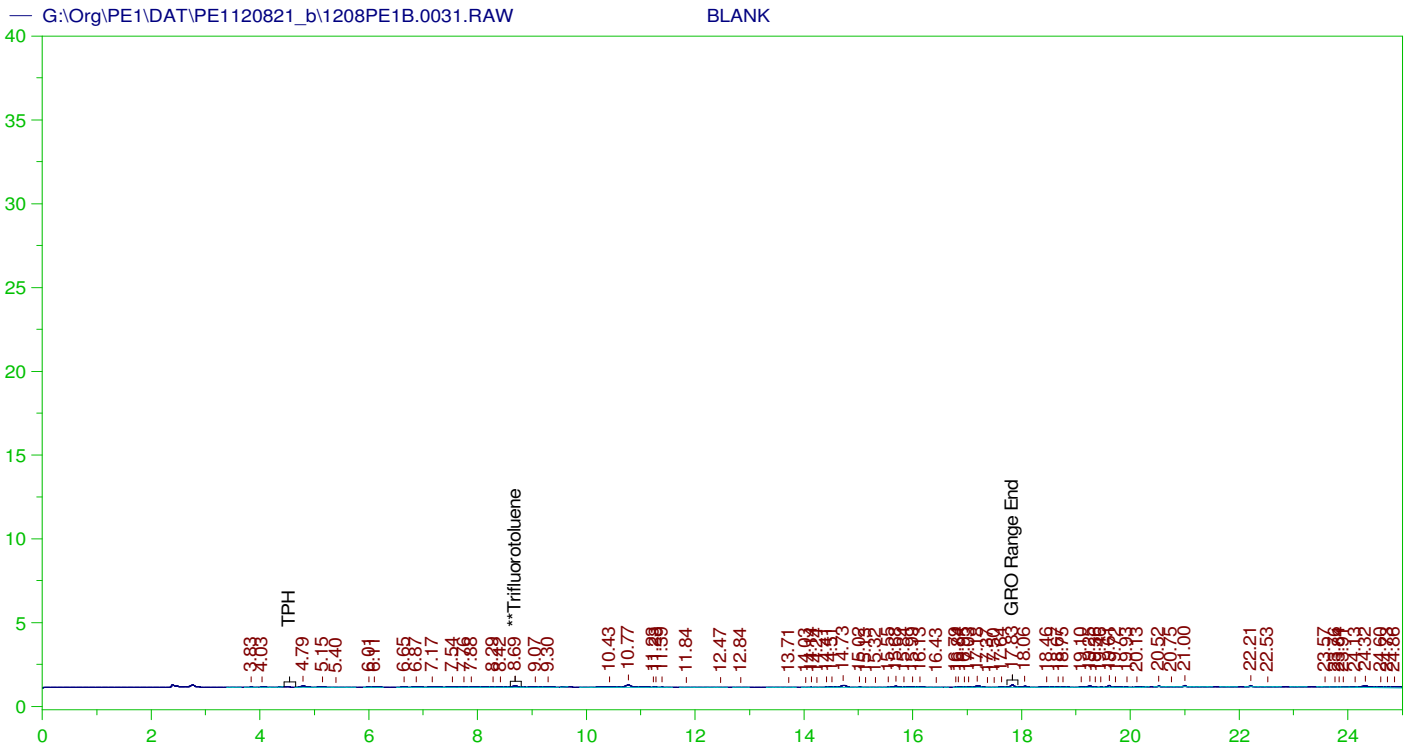
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.7	125.	950.451	760.36	-

GRO Area:8061411 GRO Amount: 8521.866
TPH Area:9296078 TPH Amount: 10222.31

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0030.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	8521.87	1014.51	85-115
TPH	1000.	10222.31	1022.23	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.7	125.	950.451	760.36	85-115



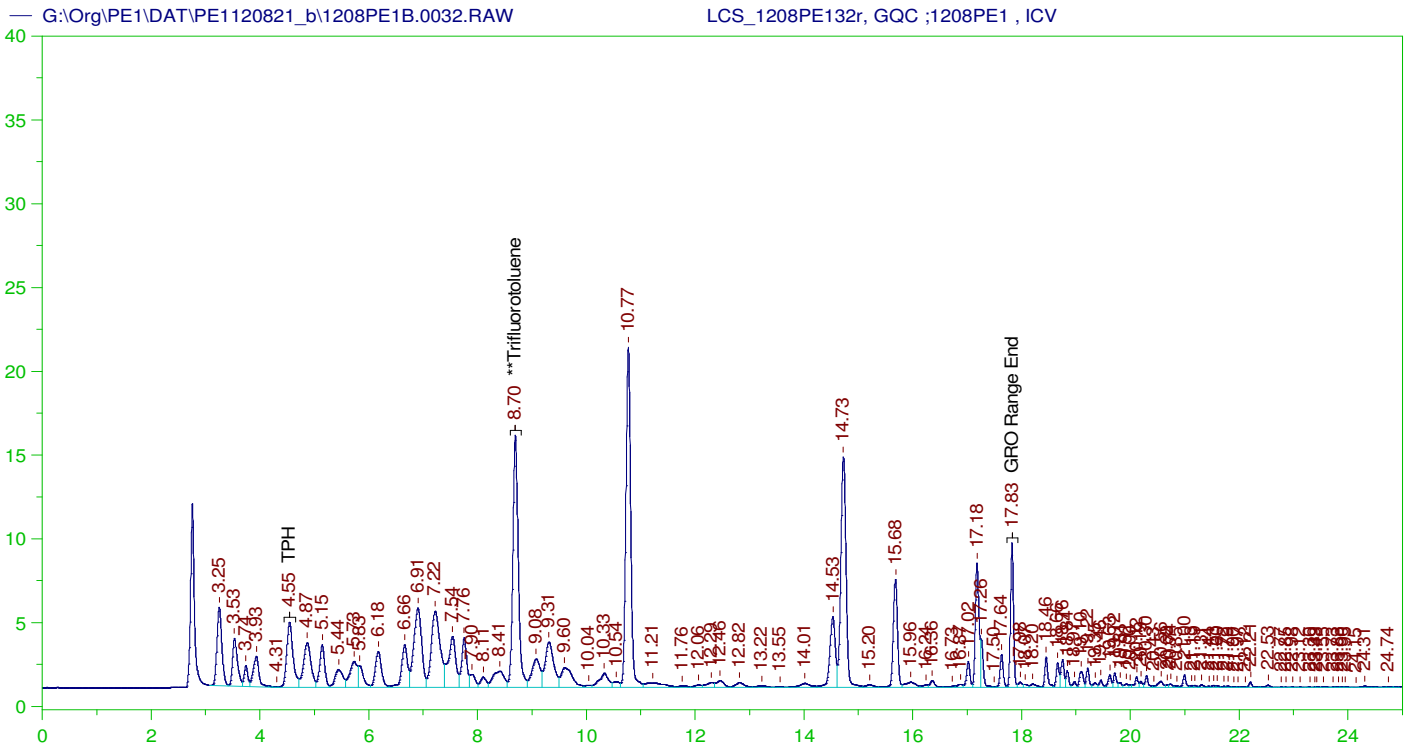
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0031.RAW
Date & Time Acquired: 12/9/2021 3:54:35 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.691	125.	.572	.46	-

GRO Area:11585.88 GRO Amount: 12.24764
TPH Area:18600.47 TPH Amount: 20.45375



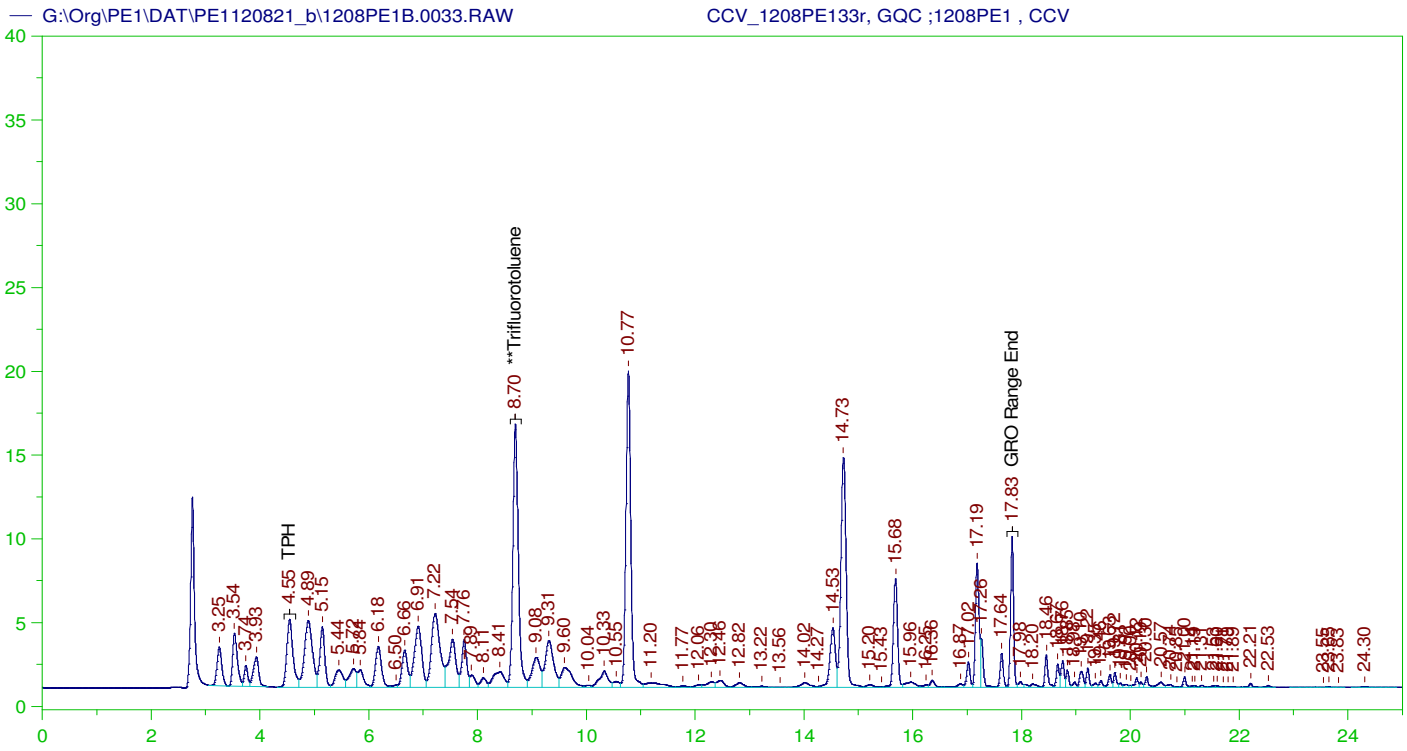
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: LCS_1208PE132r, GQC ;1208PE1 , ICV
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0032.RAW
Date & Time Acquired: 12/9/2021 4:29:41 AM
Method File: G:\Org\PE1\Methods\211208GROICVB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	25.	22.1	88.4	-

GRO Area:806507.1 GRO Amount: 170.5147
TPH Area:947271.2 TPH Amount: 208.3308



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_1208PE133r, GQC ;1208PE1 , CCV
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0033.RAW
Date & Time Acquired: 12/9/2021 5:04:40 AM
Method File: G:\Org\PE1\Methods\211208GROCCVB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	125.	116.009	92.81	-

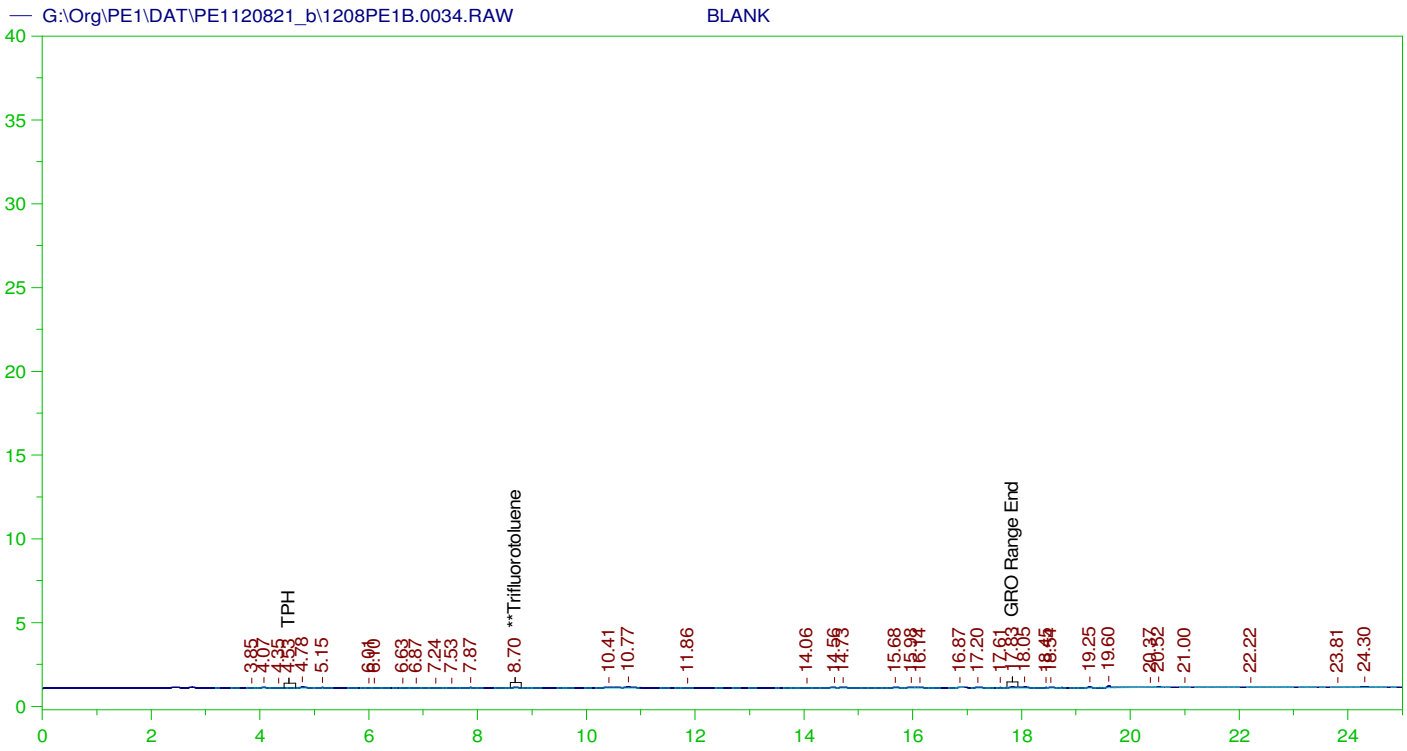
GRO Area:800406.4 GRO Amount: 846.1245
TPH Area:918577.3 TPH Amount: 1010.101

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0033.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	846.12	100.73	85-115
TPH	1000.	1010.1	101.01	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.697	125.	116.009	92.81	85-115

G:\org\PE1\dat\PE1120821_b\Review\033_CCV_1208PE133r_211208GROCCVB%.xls



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1120821_b\1208PE1B.0034.RAW
Date & Time Acquired: 12/9/2021 5:39:46 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	.2	.16	-

GRO Area:5202.292 GRO Amount: 5.499439
TPH Area:8381.664 TPH Amount: 9.216784

Write Sequence Data File	Insert Entries(Have the first cell for entries selecte Sample Name	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID	Manual Integrations
G:\Org\PE1\DAT\PE1120821_b\1208PE1.22r	CCV_1208PE122r, GQC ;1208PE1 , 8015 Marker	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1120821_b\1208PE1.23r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1120821_b\1208PE1.24r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1120821_b\1208PE1.25r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1120821_b\1208PE1.26r	CCV_1208PE126r, GQC ;1208PE1 , G1	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1120821_b\1208PE1.27r	CCV_1208PE127r, GQC ;1208PE1 , G2	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1120821_b\1208PE1.28r	CCV_1208PE128r, GQC ;1208PE1 , G3	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1120821_b\1208PE1.29r	CCV_1208PE129r, GQC ;1208PE1 , G4	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1120821_b\1208PE1.30r	CCV_1208PE130r, GQC ;1208PE1 , G5	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1120821_b\1208PE1.31r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1120821_b\1208PE1.32r	LCS_1208PE132r, GQC ;1208PE1 , ICV	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1120821_b\1208PE1.33r	CCV_1208PE133r, GQC ;1208PE1 , CCV	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1120821_b\1208PE1.34r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None

Chemist

Digitally signed by
Josie Pickard
Date: 2022.01.14 14:30:01 -07:00

Energy Laboratories Inc

ANALYTICAL RUN Summary

04-Feb-22

Run ID PE 1_220106A

Run Start Date:	1/6/2022
Analyst:	Josie Pickard
Ical:	0
Column ID:	Rtx-502.2
Comments:	Manually added numbers that are above the MDL and below the LOD per QA and client request

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
GAS220104	Unleaded Gasoline Comp. Std.(2.0uL)	2	ul			CCV	6/7/2023
GQC201214	Gasoline Composite Mix (1.68uL)	1.68	ul			LCS, MS/M	4/2/2030
GROS200921	Gro Stock Standard Mt.Gro	0.84	ul			Marker	3/28/2029
SHP0292	VOA 1:1 HCl:H2O Solution	3	drops			CCV, LCS,	12/15/2025
TFT220106	TFT (1.05uL)	1.05	ul			SURR	9/10/2029

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970488	CCV_0106PE10	HC-8015-GRO-	SAMP		1/6/2022 3:35:21	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	243.4441	243.4441		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	243.4441	243.4441		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	254.3084	254.3084		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.5141	21.5141		25	0	0	0.0743	1	0	86%	70	130	0%	
GRO as Gasoline	X	ug/L	243.4441	243.4441		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970489	CCV_0106PE10	HC-8015-GRO-	CCV		1/6/2022 4:09:35	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	183.8946	183.8946		168	0	0	2.32	20	0	109%	80	120	0%	
Gasoline Range Organics (GRO)	A	ug/L	183.8946	183.8946		168	0	0	2.32	20	0	109%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	220.5715	220.5715		200	0	0	3.56	20	0	110%	80	120	0%	
Trifluorotoluene	S	ug/L	24.77125	24.77125		25	0	0	0.0743	1	0	99%	80	120	0%	
GRO as Gasoline	X	ug/L	183.8946	183.8946		0	0	0	2.32	20	0	0%	0	0	0%	

1

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970489	CCV_0106PE10	HC-8015-GRO-	CCV		1/6/2022 4:09:35	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970490	LCS_0106PE10	HC-8015-GRO-	LCS		1/6/2022 4:43:50	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	163.7542	163.7542		170	0	0	2.32	20	0	96%	78	122	0%	
Gasoline Range Organics (GRO)	A	ug/L	163.7542	163.7542		170	0	0	2.32	20	0	96%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	195.4956	195.4956		200	0	0	3.56	20	0	98%	70	130	0%	
Trifluorotoluene	S	ug/L	24.26093	24.26093		25	0	0	0.0743	1	0	97%	70	130	0%	
GRO as Gasoline	X	ug/L	163.7542	163.7542		170	0	0	2.32	20	0	96%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970491	MBLK_0106PE	HC-8015-GRO-	MBLK		1/6/2022 5:18:04	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.70546	21.70546		25	0	0	0.0743	1	0	87%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970492	B21122092-001	HC-8015-GRO-	SAMP		1/6/2022 5:52:20	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.0275	20.0275		25	0	0	0.0743	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970493	B22010209-001	HC-8015-GRO-	SAMP		1/6/2022 6:26:40	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970493	B22010209-001	HC-8015-GRO-	SAMP		1/6/2022 6:26:40	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.9586	20.9586		25	0	0	0.0743	1	0	84%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970494	B22010213-001	HC-8015-GRO-	SAMP		1/6/2022 9:51:58	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	46.28704	46.28704		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	46.28704	46.28704		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	871.3488	871.3488		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.02903	21.02903		25	0	0	0.0743	1	0	84%	70	130	0%	
GRO as Gasoline	X	ug/L	46.28704	46.28704		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970495	B22010213-003	HC-8015-GRO-	SAMP		1/6/2022 11:00:2	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	10.37295	10.37295		0	0	0	3.56	20	0	0%	0	0	0%	J
Trifluorotoluene	S	ug/L	20.72558	20.72558		25	0	0	0.0743	1	0	83%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970496	B22010214-001	HC-8015-GRO-	SAMP		1/7/2022 12:09:0	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.75588	20.75588		25	0	0	0.0743	1	0	83%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970496	B22010214-001	HC-8015-GRO-	SAMP		1/7/2022 12:09:0	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970497	B22010219-001	HC-8015-GRO-	SAMP		1/7/2022 1:17:37	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.46903	20.46903		25	0	0	0.0743	1	0	82%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970498	CCV_0106PE12	HC-8015-GRO-	SAMP		1/7/2022 2:26:01	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	230.881	230.881		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	230.881	230.881		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	240.8586	240.8586		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.76667	20.76667		25	0	0	0.0743	1	0	83%	70	130	0%	
GRO as Gasoline	X	ug/L	230.881	230.881		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970499	CCV_0106PE12	HC-8015-GRO-	CCV		1/7/2022 3:00:15	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	174.4012	174.4012		168	0	0	2.32	20	0	104%	80	120	0%	
Gasoline Range Organics (GRO)	A	ug/L	174.4012	174.4012		168	0	0	2.32	20	0	104%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	209.7011	209.7011		200	0	0	3.56	20	0	105%	80	120	0%	
Trifluorotoluene	S	ug/L	24.01386	24.01386		25	0	0	0.0743	1	0	96%	80	120	0%	
GRO as Gasoline	X	ug/L	174.4012	174.4012		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970500	CCV_0106PE12	HC-8015-GRO-	SAMP		1/7/2022 8:31:20	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	239.1132	239.1132		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	239.1132	239.1132		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	249.3208	249.3208		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.05846	21.05846		25	0	0	0.0743	1	0	84%	70	130	0%	
GRO as Gasoline	X	ug/L	239.1132	239.1132		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970501	CCV_0106PE12	HC-8015-GRO-	CCV		1/7/2022 9:05:30	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	178.1909	178.1909		168	0	0	2.32	20	0	106%	80	120	0%	
Gasoline Range Organics (GRO)	A	ug/L	178.1909	178.1909		168	0	0	2.32	20	0	106%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	213.8571	213.8571		200	0	0	3.56	20	0	107%	80	120	0%	
Trifluorotoluene	S	ug/L	23.98608	23.98608		25	0	0	0.0743	1	0	96%	80	120	0%	
GRO as Gasoline	X	ug/L	178.1909	178.1909		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970502	LCS_0106PE12	HC-8015-GRO-	LCS		1/7/2022 9:39:43	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	168.2949	168.2949		170	0	0	2.32	20	0	99%	78	122	0%	
Gasoline Range Organics (GRO)	A	ug/L	168.2949	168.2949		170	0	0	2.32	20	0	99%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	200.1208	200.1208		200	0	0	3.56	20	0	100%	70	130	0%	
Trifluorotoluene	S	ug/L	24.23455	24.23455		25	0	0	0.0743	1	0	97%	70	130	0%	
GRO as Gasoline	X	ug/L	168.2949	168.2949		170	0	0	2.32	20	0	99%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970503	MBLK_0106PE	HC-8015-GRO-	MBLK		1/7/2022 10:14:0	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.41982	21.41982		25	0	0	0.0743	1	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970503	MBLK_0106PE	HC-8015-GRO-	MBLK		1/7/2022 10:14:0	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970504	B22010219-001	HC-8015-GRO-	MS		1/7/2022 10:48:2	1	R372930		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	166.1474	166.1474		170	0	0	2.32	20	0	98%	78	122	0%	
Gasoline Range Organics (GRO)	A	ug/L	166.1474	166.1474		170	0	0	2.32	20	0	98%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	198.3645	198.3645		200	0	0	3.56	20	0	99%	70	130	0%	
Trifluorotoluene	S	ug/L	24.43474	24.43474		25	0	0	0.0743	1	0	98%	70	130	0%	
GRO as Gasoline	X	ug/L	166.1474	166.1474		0	0	0	2.32	20	0	0%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970505	B22010219-001	HC-8015-GRO-	MSD		1/7/2022 11:22:3	1	R372930		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	169.0392	169.0392		170	0	166.1474	2.32	20	0	99%	78	122	2%	
Gasoline Range Organics (GRO)	A	ug/L	169.0392	169.0392		170	0	166.1474	2.32	20	0	99%	70	130	2%	
Total Purgeable Hydrocarbons	A	ug/L	202.1735	202.1735		200	0	198.3645	3.56	20	0	101%	70	130	2%	
Trifluorotoluene	S	ug/L	24.2239	24.2239		25	0	0	0.0743	1	0	97%	70	130	0%	
GRO as Gasoline	X	ug/L	169.0392	169.0392		0	0	166.1474	2.32	20	0	0%	70	130	2%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970506	B22010213-002	HC-8015-GRO-	SAMP		1/7/2022 12:31:2	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	92.17835	92.17835		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	92.17835	92.17835		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	1988.788	1988.788		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.17418	21.17418		25	0	0	0.0743	1	0	85%	70	130	0%	
GRO as Gasoline	X	ug/L	92.17835	92.17835		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970507	B22010209-003	HC-8015-GRO-	SAMP		1/7/2022 2:14:20	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.24687	20.24687		25	0	0	0.0743	1	0	81%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970508	B22010211-003	HC-8015-GRO-	SAMP		1/7/2022 2:48:31	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	21.28278	21.28278		25	0	0	0.0743	1	0	85%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970509	B22010212-003	HC-8015-GRO-	SAMP		1/7/2022 3:22:41	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.88014	19.88014		25	0	0	0.0743	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970510	B22010213-005	HC-8015-GRO-	SAMP		1/7/2022 3:56:53	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	19.89331	19.89331		25	0	0	0.0743	1	0	80%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970510	B22010213-005	HC-8015-GRO-	SAMP		1/7/2022 3:56:53	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970511	B22010214-003	HC-8015-GRO-	SAMP		1/7/2022 4:31:08	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.05473	20.05473		25	0	0	0.0743	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970512	B22010219-003	HC-8015-GRO-	SAMP		1/7/2022 5:05:24	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.50106	20.50106		25	0	0	0.0743	1	0	82%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970513	B22010212-001	HC-8015-GRO-	SAMP		1/7/2022 5:39:41	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.84391	20.84391		25	0	0	0.0743	1	0	83%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970514	CCV_0106PE14	HC-8015-GRO-	SAMP		1/7/2022 8:30:48	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	230.2285	230.2285		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	230.2285	230.2285		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	240.1181	240.1181		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.46097	19.46097		25	0	0	0.0743	1	0	78%	70	130	0%	
GRO as Gasoline	X	ug/L	230.2285	230.2285		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14970515	CCV_0106PE14	HC-8015-GRO-	CCV		1/7/2022 9:04:59	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	181.3358	181.3358		168	0	0	2.32	20	0	108%	80	120	0%	
Gasoline Range Organics (GRO)	A	ug/L	181.3358	181.3358		168	0	0	2.32	20	0	108%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	217.7969	217.7969		200	0	0	3.56	20	0	109%	80	120	0%	
Trifluorotoluene	S	ug/L	24.25817	24.25817		25	0	0	0.0743	1	0	97%	80	120	0%	
GRO as Gasoline	X	ug/L	181.3358	181.3358		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14999873	B22010211-001	HC-8015-GRO-	SAMP		1/6/2022 7:35:09	1	R372930		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	649.7074	649.7074		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	649.7074	649.7074		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	8192.166	8192.166		0	0	0	3.56	20	0	0%	0	0	0%	E
Trifluorotoluene	S	ug/L	21.13494	21.13494		25	0	0	0.0743	1	0	85%	70	130	0%	
GRO as Gasoline	X	ug/L	649.7074	649.7074		0	0	0	2.32	20	0	0%	0	0	0%	

Write Sequence Data File	Insert Entries(Have the first cell for entries selecte Sample Name	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID
G:\Org\PE1\DAT\PE1010622_b\0106PE1.01r	CCV_0106PE101r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.02r	CCV_0106PE102r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.03r	LCS_0106PE103r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.04r	MBLK_0106PE104r, QC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.05r	B21122092-001F ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.06r	B22010209-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.07r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.08r	B22010211-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
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G:\Org\PE1\DAT\PE1010622_b\0106PE1.11r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.12r	B22010213-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.13r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.14r	B22010213-003G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.15r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.16r	B22010214-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.17r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.18r	B22010219-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.19r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.20r	CCV_0106PE120r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.21r	CCV_0106PE121r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.22r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.23r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.24r	CCV_0106PE124r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.25r	CCV_0106PE125r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.26r	LCS_0106PE126r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.27r	MBLK_0106PE127r, QC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.28r	B22010219-001GMS, GQC ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.29r	B22010219-001GMSD, GQC ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.30r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.31r	B22010213-002D ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.32r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.33r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.34r	B22010209-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.35r	B22010211-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.36r	B22010212-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.37r	B22010213-005A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.38r	B22010214-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.39r	B22010219-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.40r	B22010212-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
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G:\Org\PE1\DAT\PE1010622_b\0106PE1.42r	*B22010211-001G ;0106PE1 , $HC-8015-GRO-W,,(1,20)*	G:\Org\PE1\Methods\21120	5	20	1	20	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.43r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.44r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.45r	CCV_0106PE145r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1010622_b\0106PE1.46r	CCV_0106PE146r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
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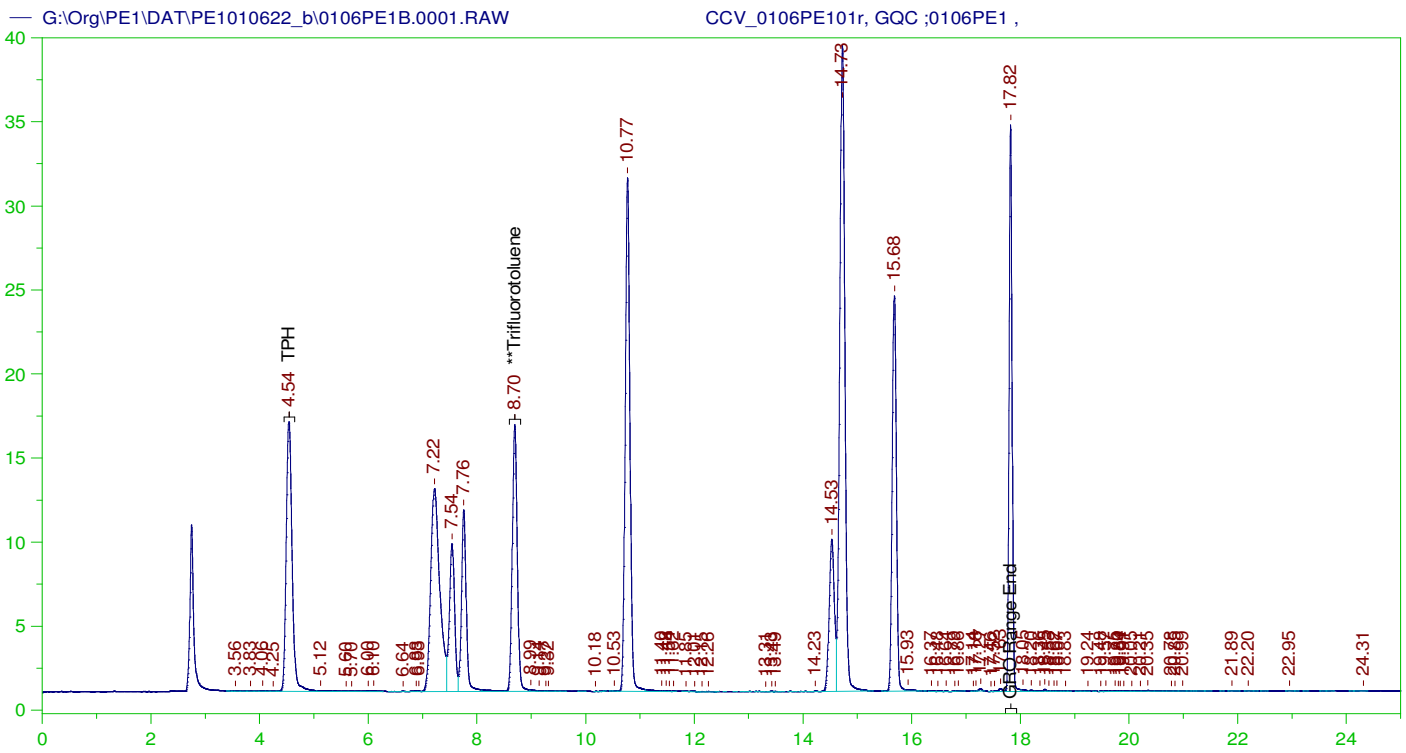


GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0106PE101r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0001.RAW
Date & Time Acquired: 1/6/2022 3:35:21 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

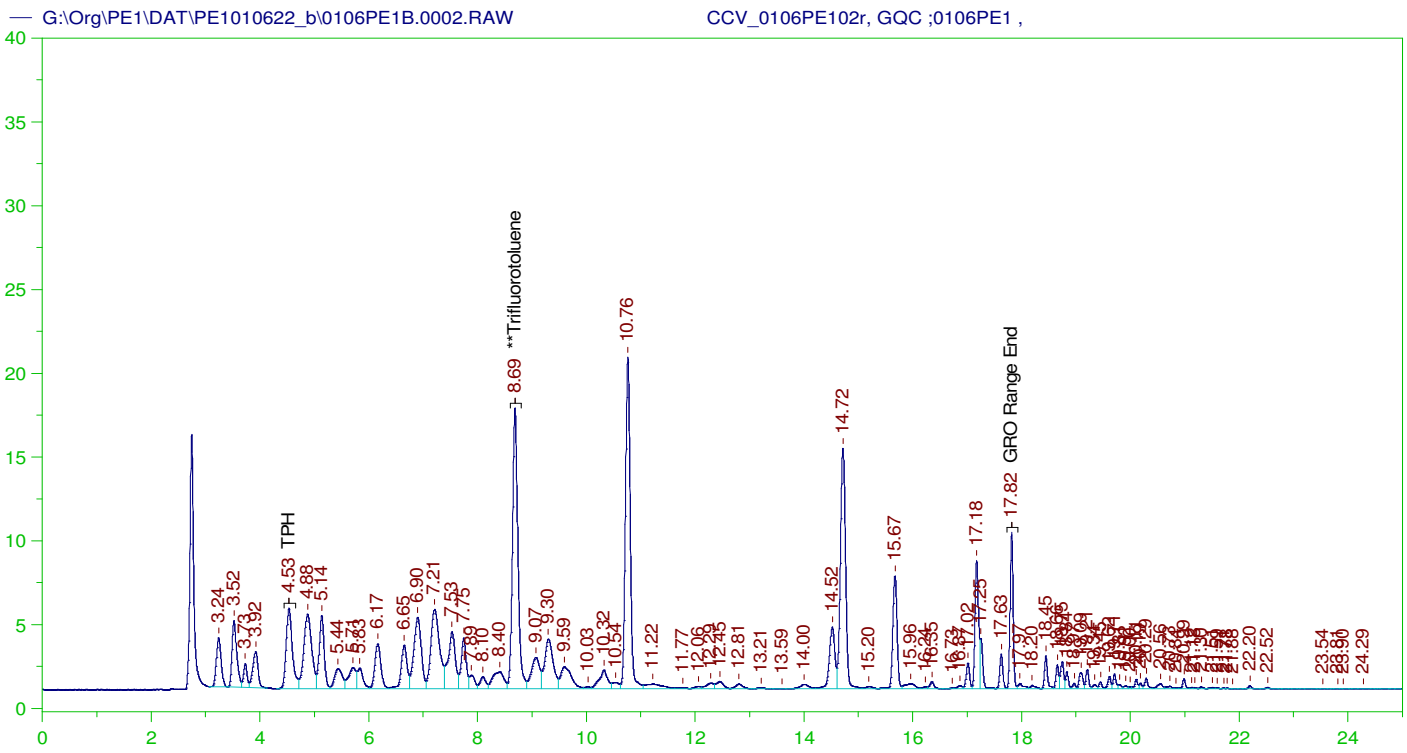
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	107.571	86.06	-

GRO Area:1151452 GRO Amount: 1217.221
TPH Area:1156330 TPH Amount: 1271.542

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0001.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1217.22	144.91	85-115
TPH	1000.	1271.54	127.15	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.696	125.	107.571	86.06	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0106PE102r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0002.RAW
Date & Time Acquired: 1/6/2022 4:09:35 PM
Method File: G:\Org\PE1\Methods\211208GCCV0106_02B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.689	125.	123.856	99.09	-

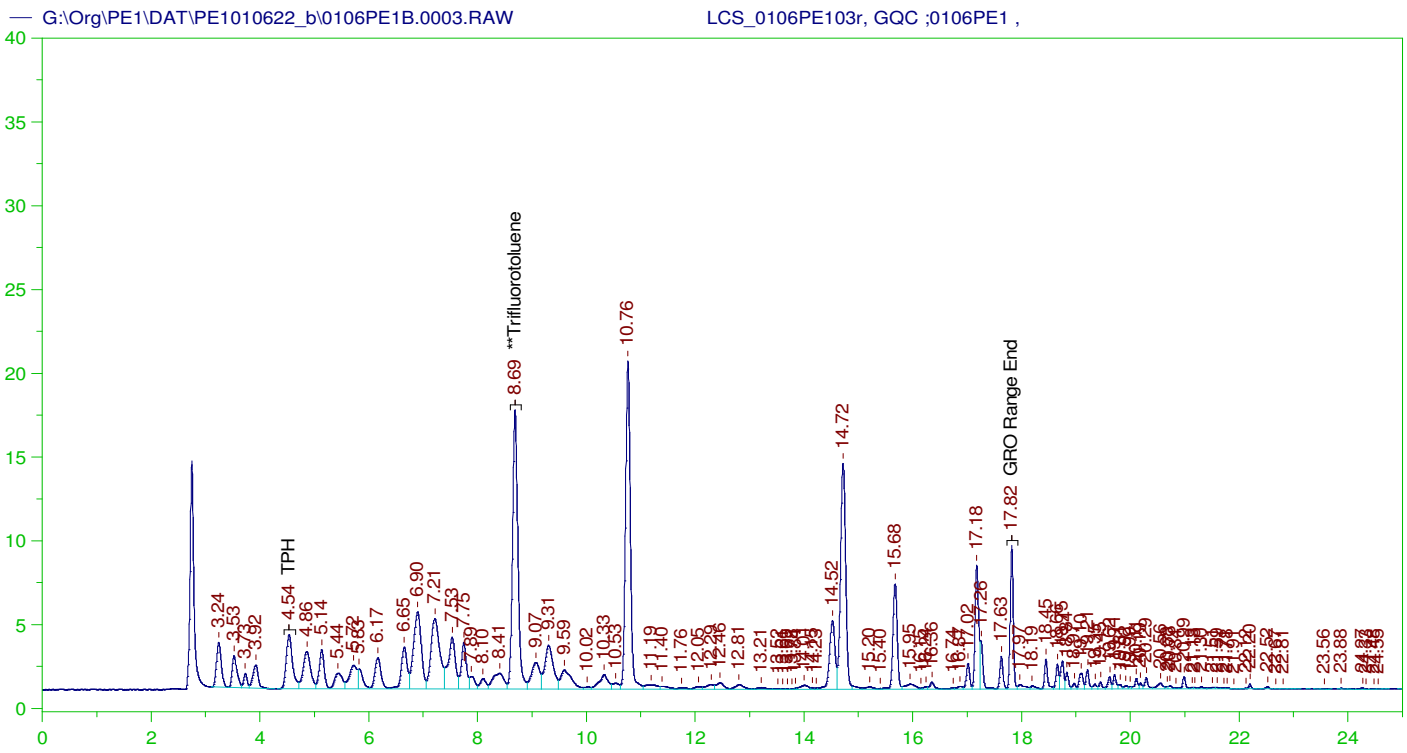
GRO Area:869791.8 GRO Amount: 919.4729
TPH Area:1002929 TPH Amount: 1102.857

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0002.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	919.47	109.46	85-115
TPH	1000.	1102.86	110.29	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.689	125.	123.856	99.09	85-115

G:\org\PE1\dat\PE1010622_b\Review\002_CCV_0106PE102r_211208GCCV0106_02B%.xls



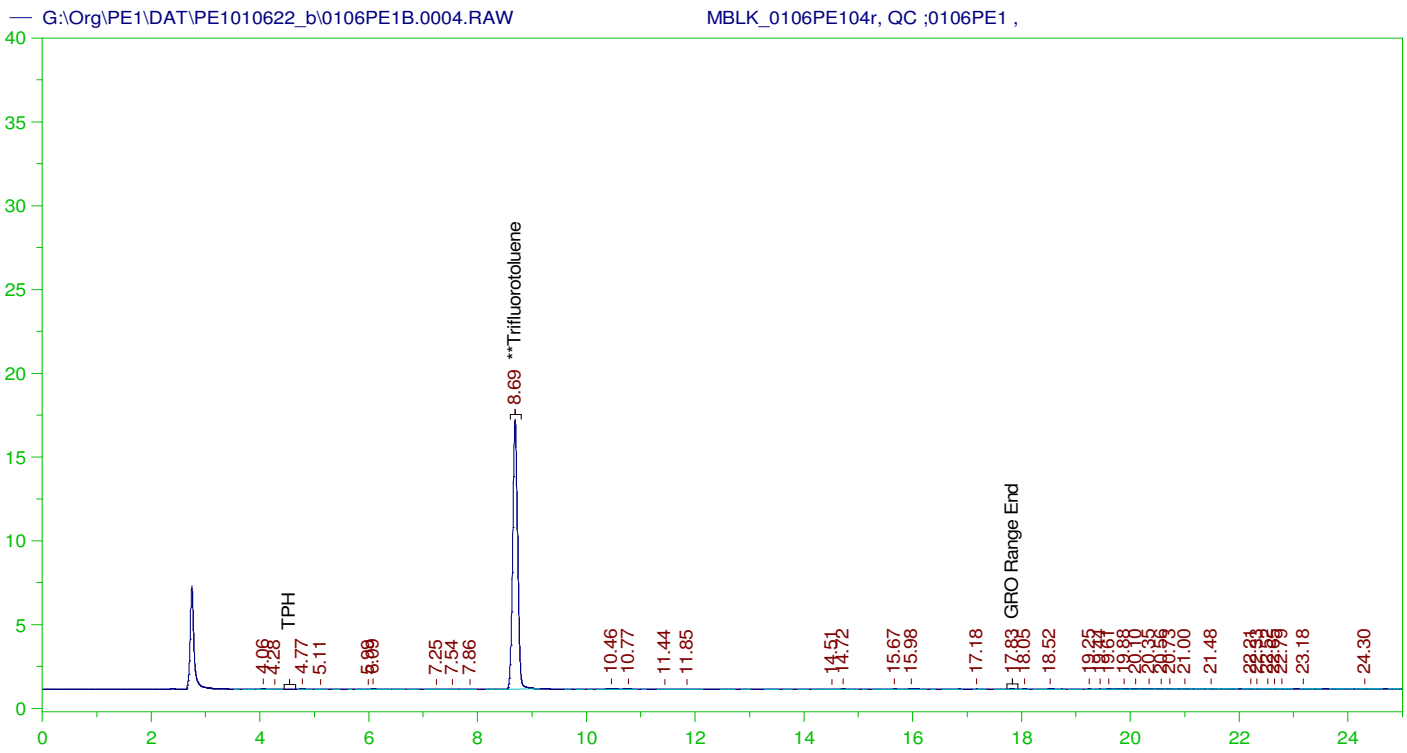
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: LCS_0106PE103r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0003.RAW
Date & Time Acquired: 1/6/2022 4:43:50 PM
Method File: G:\Org\PE1\Methods\211208GLCS0106_03B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.69	25.	24.261	97.04	-

GRO Area:774530.8 GRO Amount: 163.7542
TPH Area:888910.2 TPH Amount: 195.4956



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: MBLK_0106PE104r, QC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0004.RAW
Date & Time Acquired: 1/6/2022 5:18:04 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.691	25.	21.705	86.82	-

GRO Area:4013.236 GRO Amount: 0.8484931
TPH Area:6930.02 TPH Amount: 1.524101

G21120413-001F

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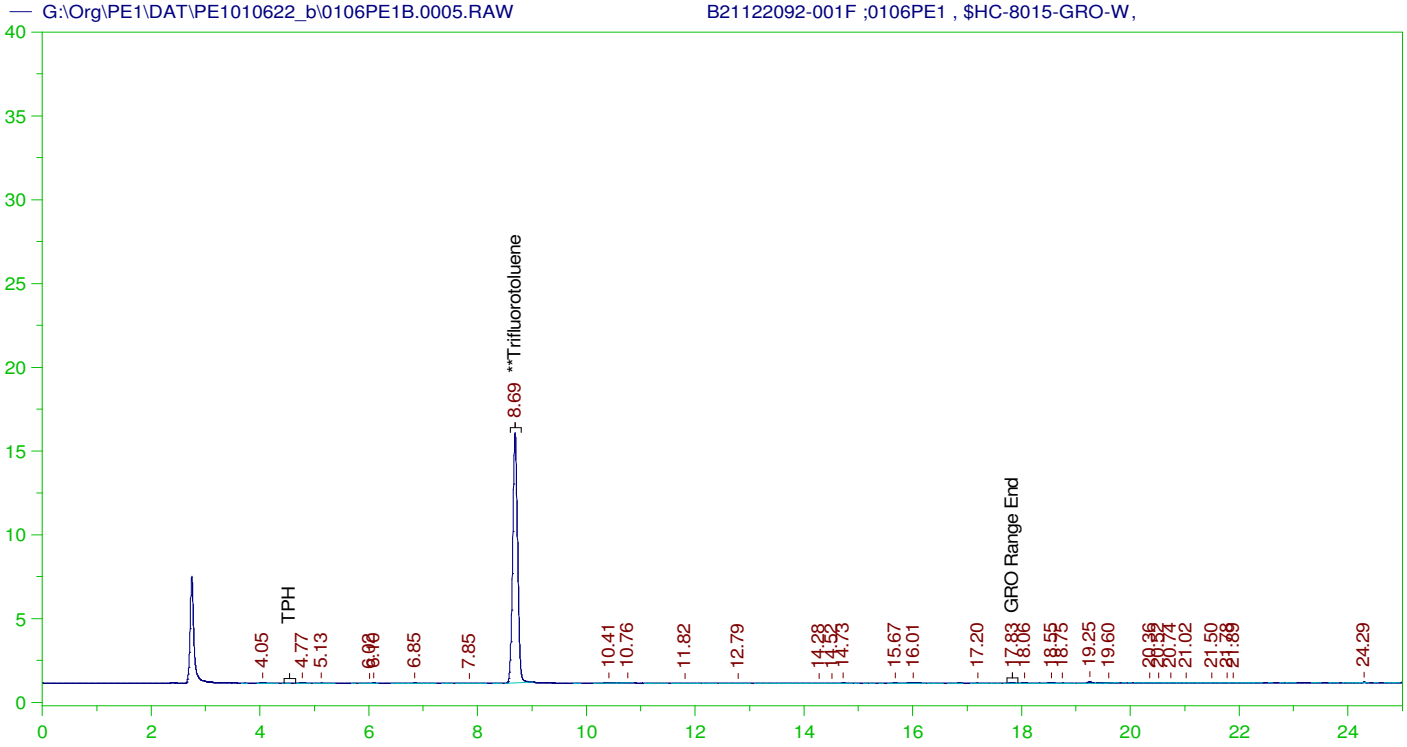


GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B21122092-001F ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0005.RAW
Date & Time Acquired: 1/6/2022 5:52:20 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

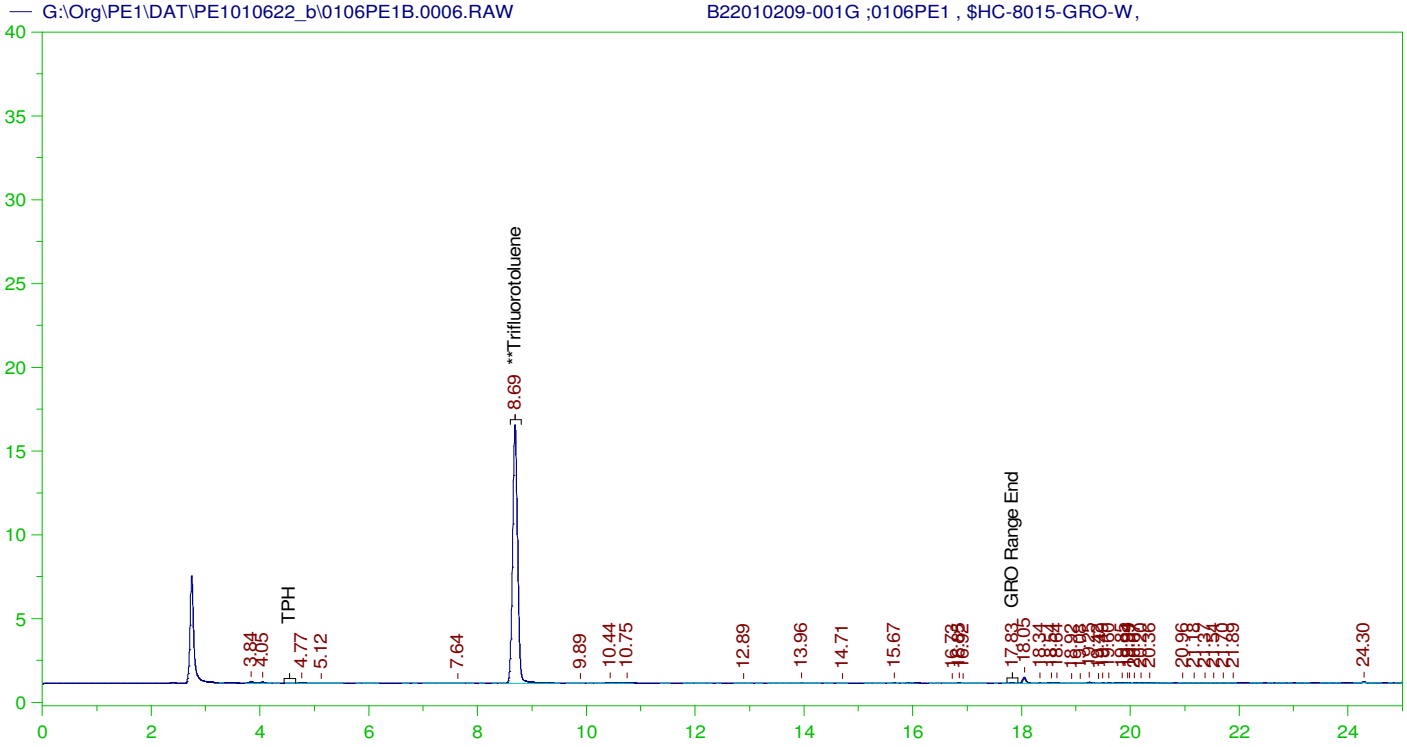
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.691	25.	20.028	80.11	-

GRO Area:3785.526 GRO Amount: 0.8003498
TPH Area:6242.101 TPH Amount: 1.372808

ERH2317 (RHMW09)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0006.RAW B22010209-001G ;0106PE1 , $HC-8015-GRO-W,



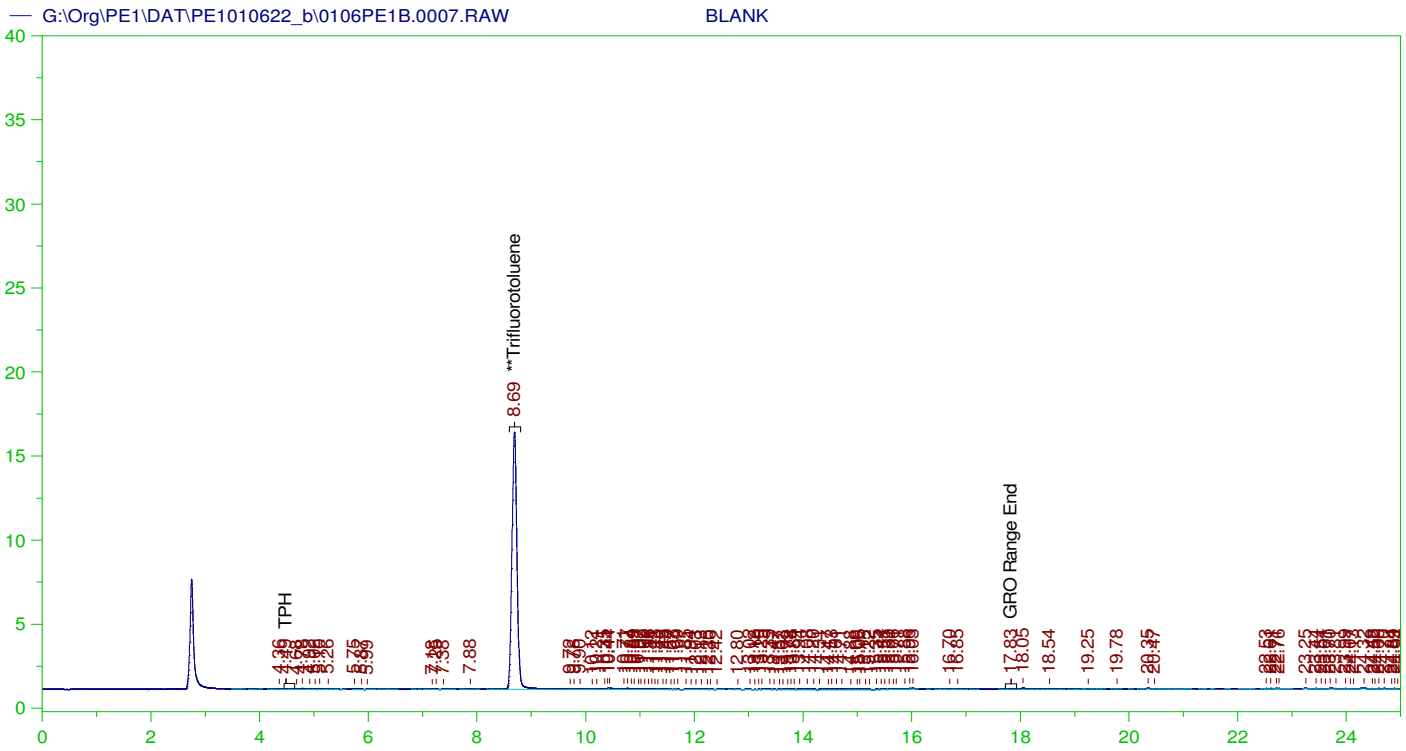
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010209-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0006.RAW
Date & Time Acquired: 1/6/2022 6:26:40 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.69	25.	20.959	83.83	-

GRO Area:2780.815 GRO Amount: 0.5879301
TPH Area:8344.088 TPH Amount: 1.835093



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
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Date & Time Acquired: 1/6/2022 7:01:00 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.69	125.	104.434	83.55	-

GRO Area:11638.44 GRO Amount: 12.30321
TPH Area:16034.8 TPH Amount: 17.63245

ERH2336 (Sump Adit3)

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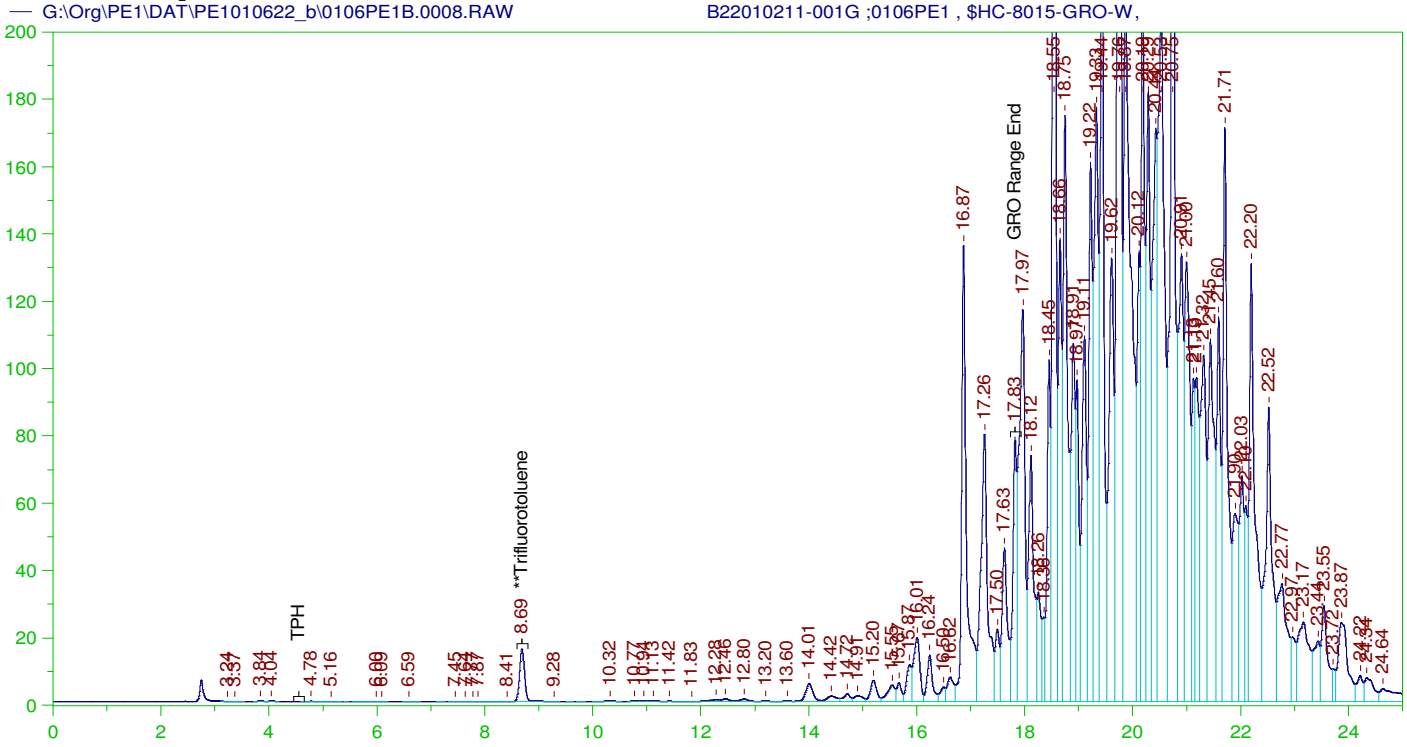


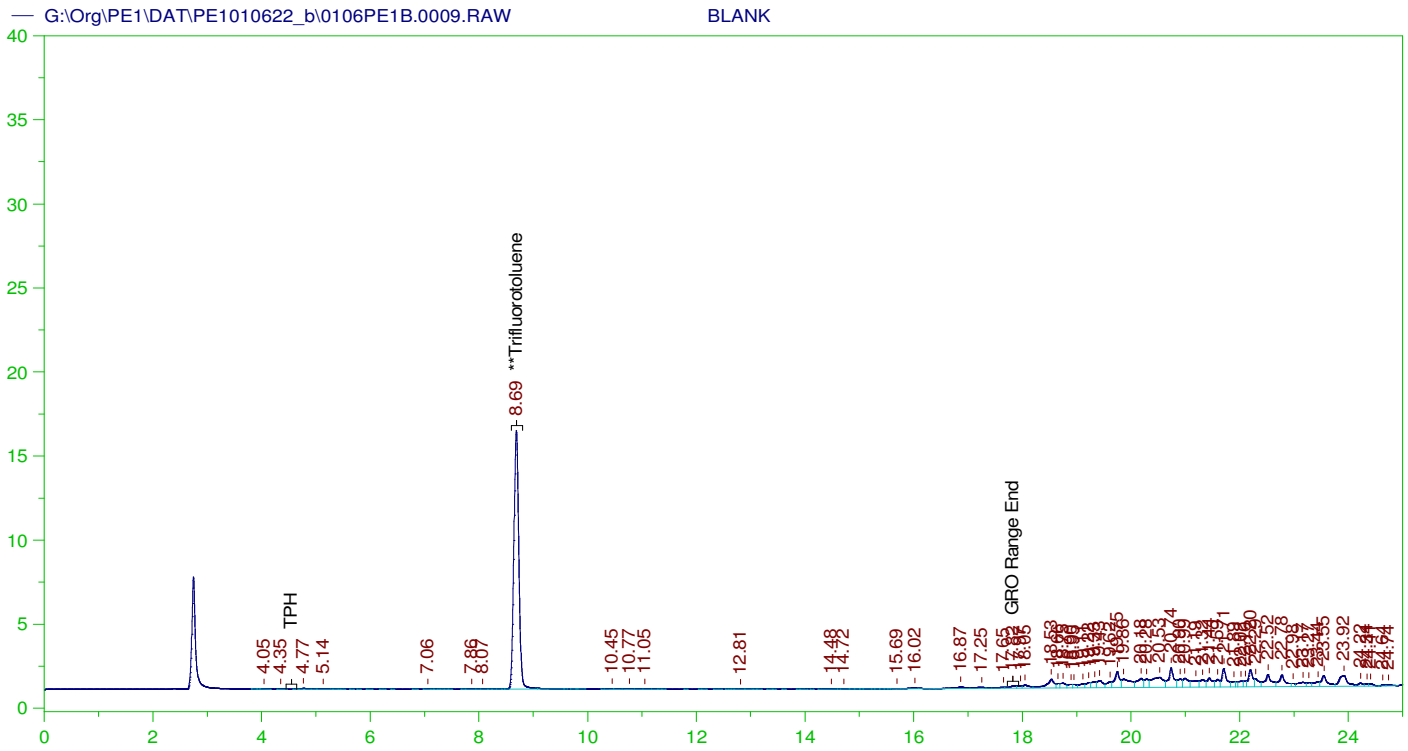
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010211-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0008.RAW
Date & Time Acquired: 1/6/2022 7:35:09 PM
Method File: G:\Org\PE1\Methods\211208G211-1BB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.688	25.	21.135	84.54	-

GRO Area:3073011 GRO Amount: 649.7074
TPH Area:3.724943E+07 TPH Amount: 8192.166



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0009.RAW
Date & Time Acquired: 1/6/2022 8:09:21 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

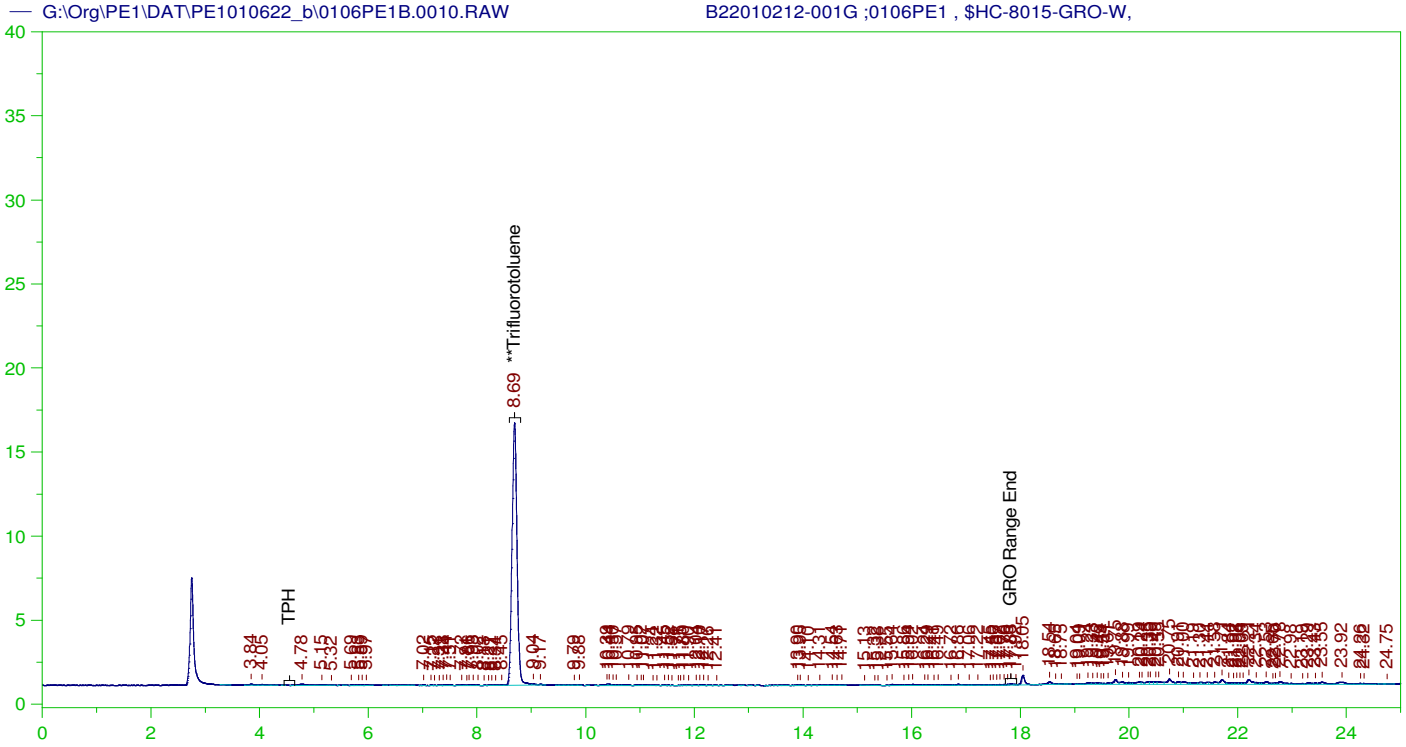
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.688	125.	104.131	83.3	-

GRO Area:7030.59 GRO Amount: 7.432167
TPH Area:139651.9 TPH Amount: 153.5664

ERH2303 (OWDFMW07A)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0010.RAW B22010212-001G ;0106PE1 , $HC-8015-GRO-W,



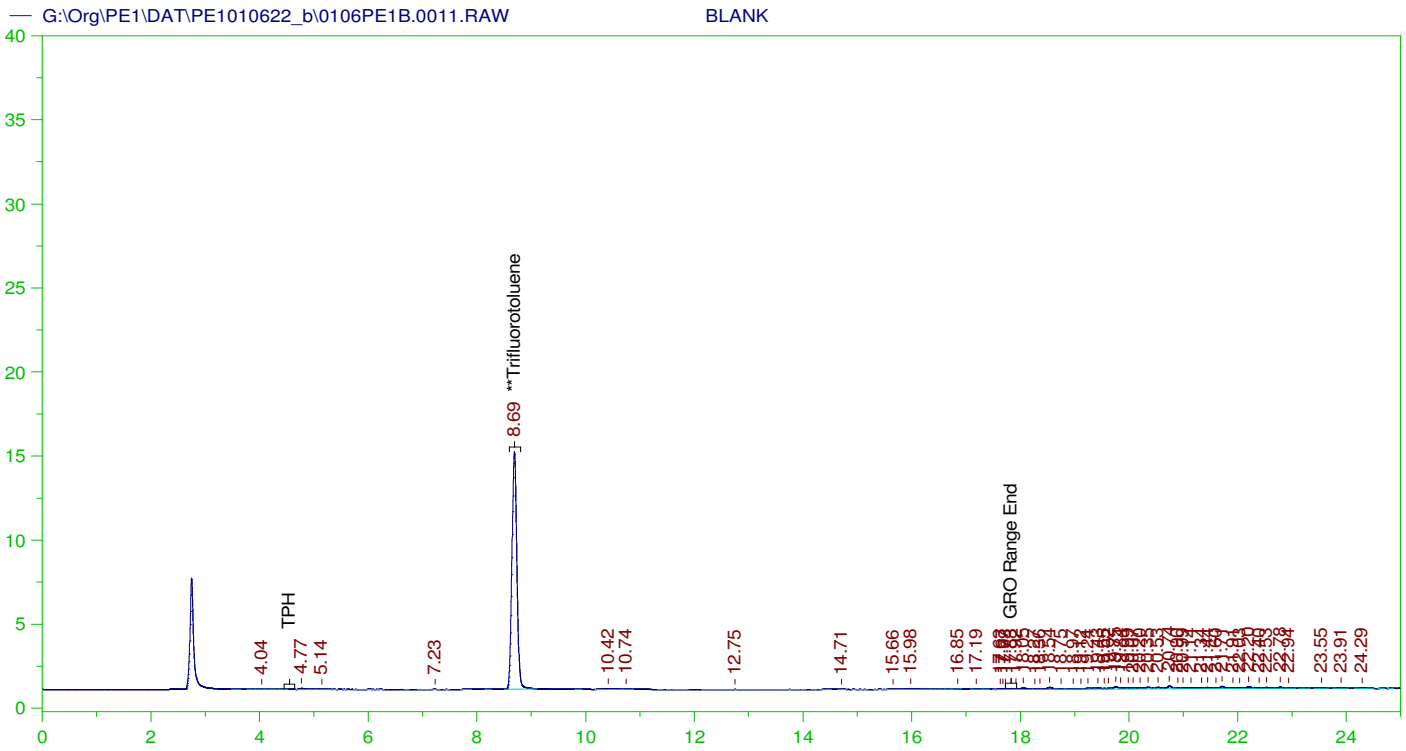
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010212-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0010.RAW
Date & Time Acquired: 1/6/2022 8:43:33 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.692	25.	21.07	84.28	-

GRO Area:13955.06 GRO Amount: 2.950429
TPH Area:45368.68 TPH Amount: 9.977811



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0011.RAW
Date & Time Acquired: 1/6/2022 9:17:46 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

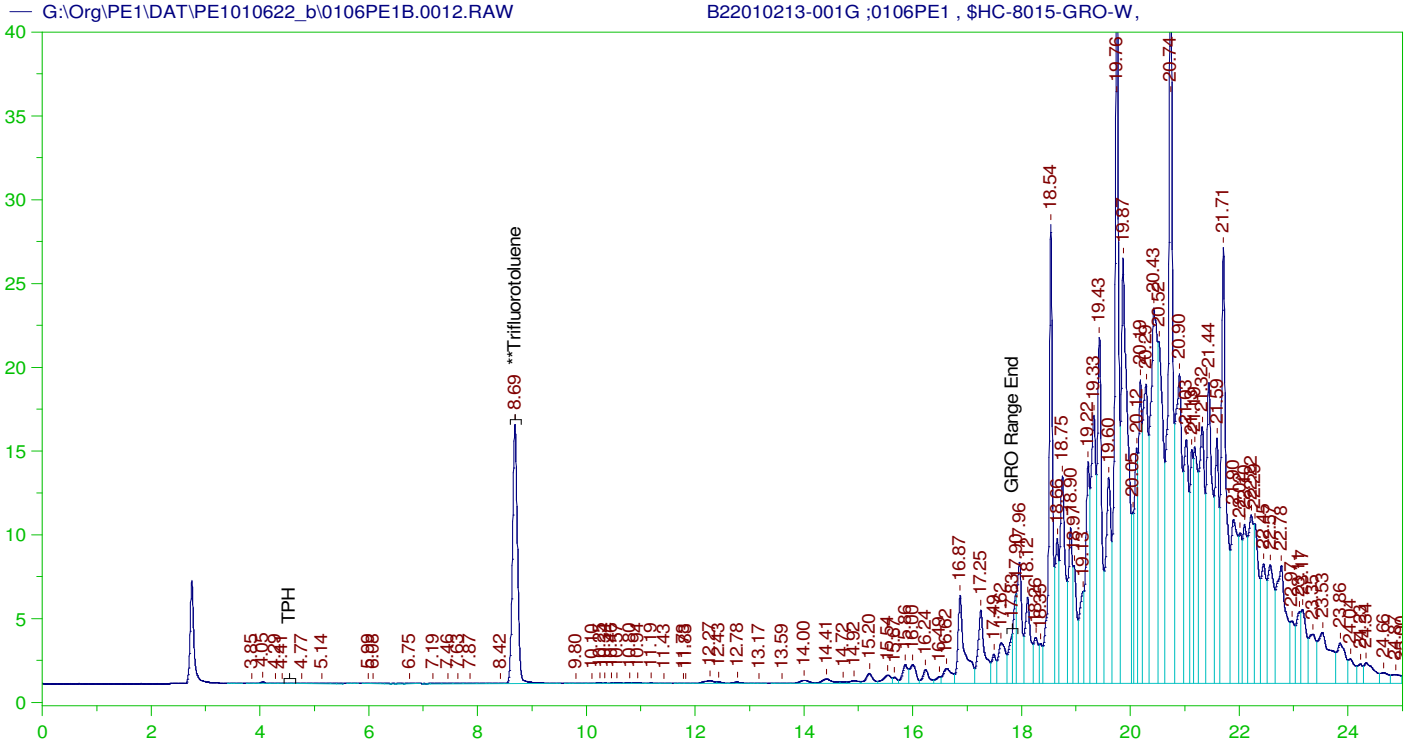
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.689	125.	95.047	76.04	-

GRO Area:4236.713 GRO Amount: 4.478708
TPH Area:20634.28 TPH Amount: 22.69021

ERH2332 (RHMW2254-01 Bailer)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0012.RAW B22010213-001G ;0106PE1 , $HC-8015-GRO-W,



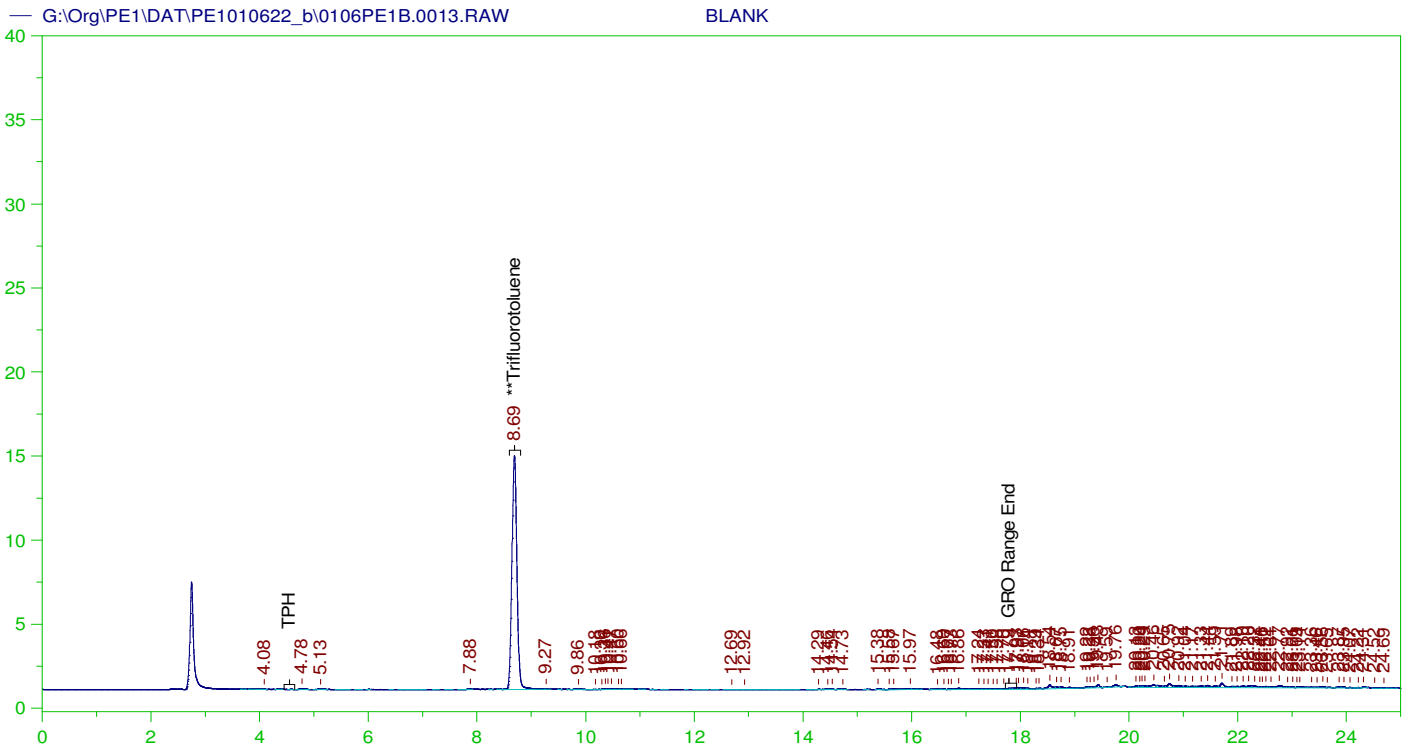
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010213-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0012.RAW
Date & Time Acquired: 1/6/2022 9:51:58 PM
Method File: G:\Org\PE1\Methods\211208G213-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.688	25.	21.029	84.12	-

GRO Area:218930.2 GRO Amount: 46.28704
TPH Area:3961986 TPH Amount: 871.3488



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0013.RAW
Date & Time Acquired: 1/6/2022 10:26:13 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

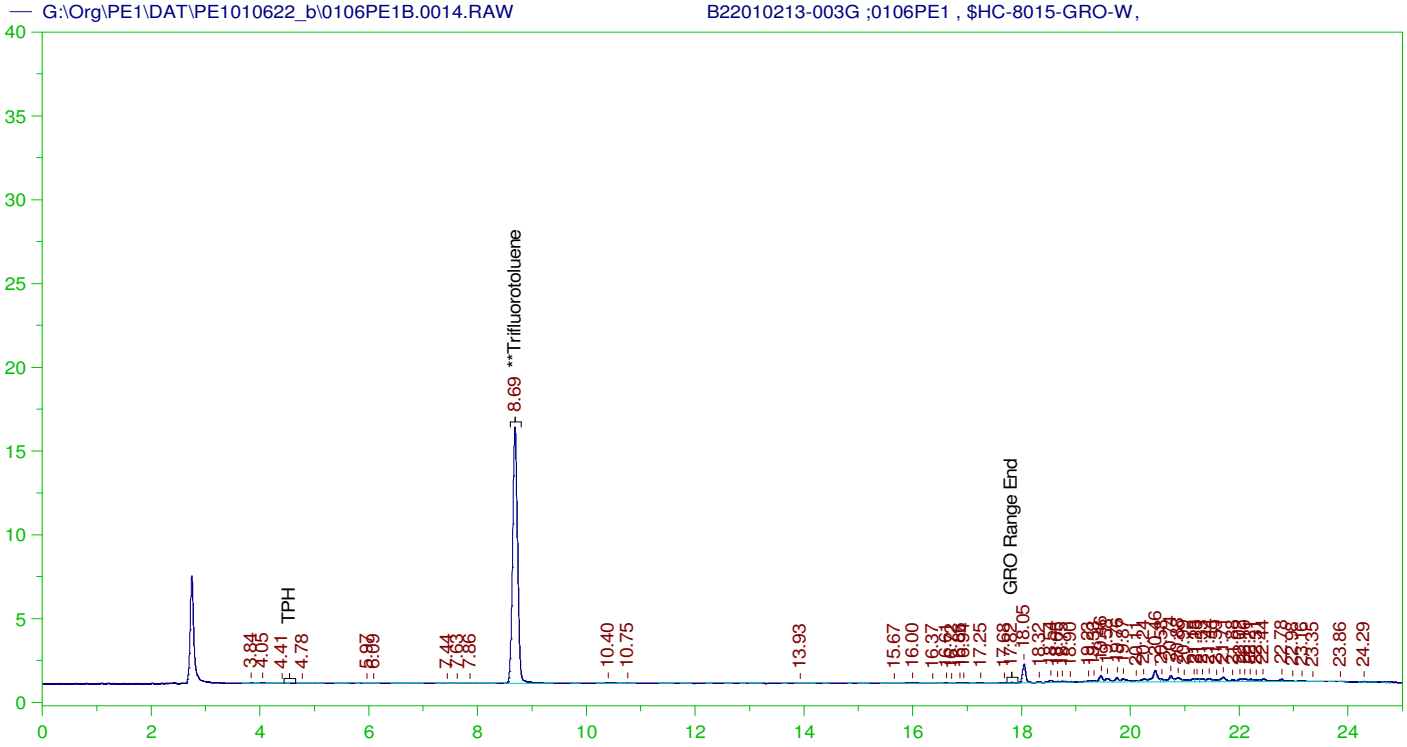
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.69	125.	94.405	75.52	-

GRO Area:5878.551 GRO Amount: 6.214325
TPH Area:27402.42 TPH Amount: 30.1327

ERH2334 (RHMW2254-01 LF)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0014.RAW B22010213-003G ;0106PE1 , $HC-8015-GRO-W,



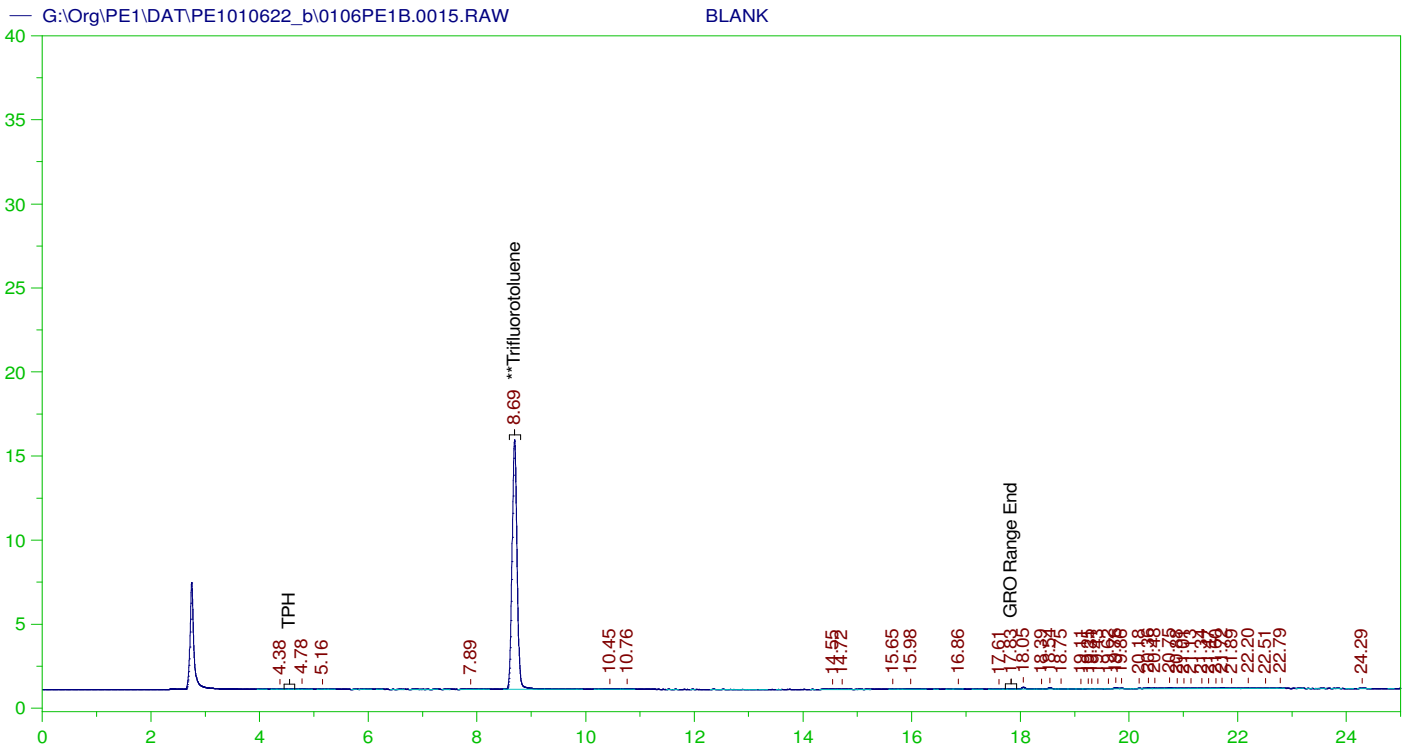
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010213-003G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0014.RAW
Date & Time Acquired: 1/6/2022 11:00:28 PM
Method File: G:\Org\PE1\Methods\211208G213-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.69	25.	20.726	82.9	-

GRO Area:4188.043 GRO Amount: 0.8854516
TPH Area:47165.36 TPH Amount: 10.37295



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0015.RAW
Date & Time Acquired: 1/6/2022 11:34:45 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

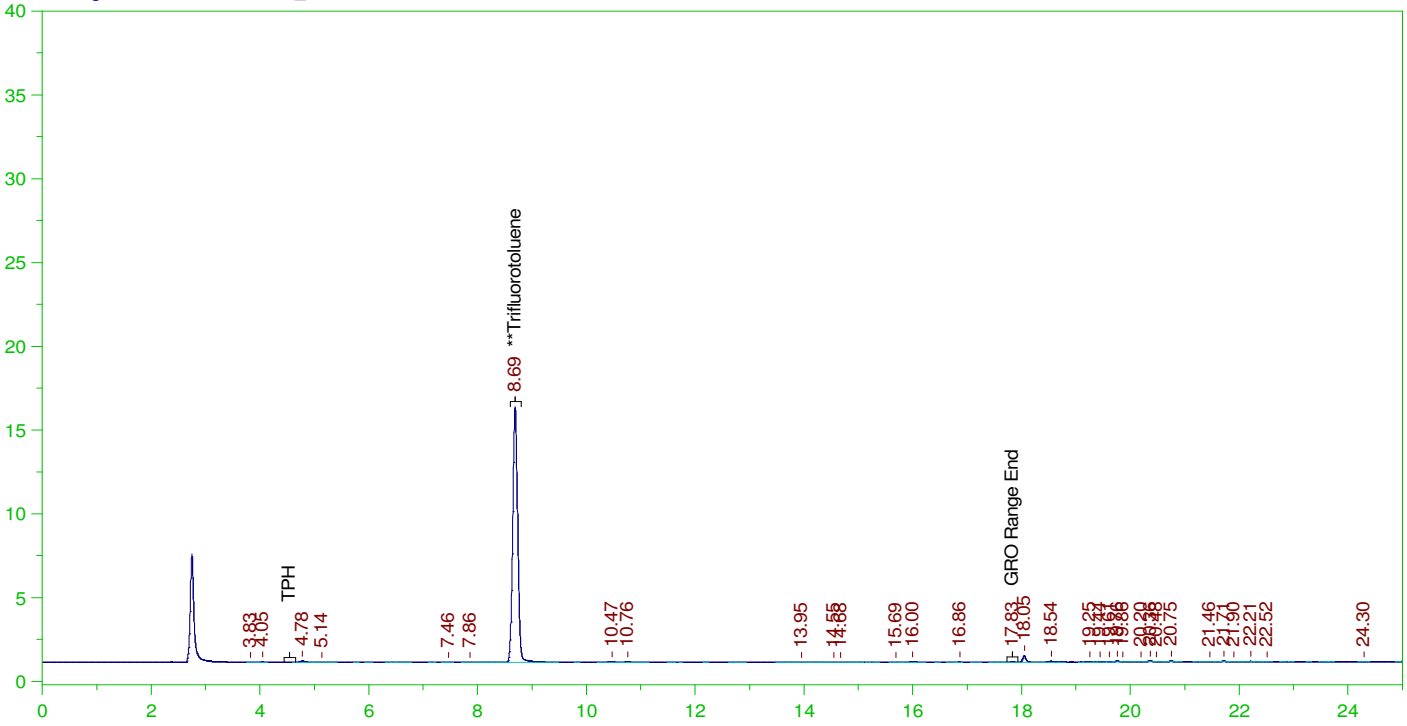
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.692	125.	100.805	80.64	-

GRO Area:2727.757 GRO Amount: 2.883562
TPH Area:8668.436 TPH Amount: 9.532127

ERH2321 (RHMW14 Zone3)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0016.RAW B22010214-001G ;0106PE1 , $HC-8015-GRO-W,



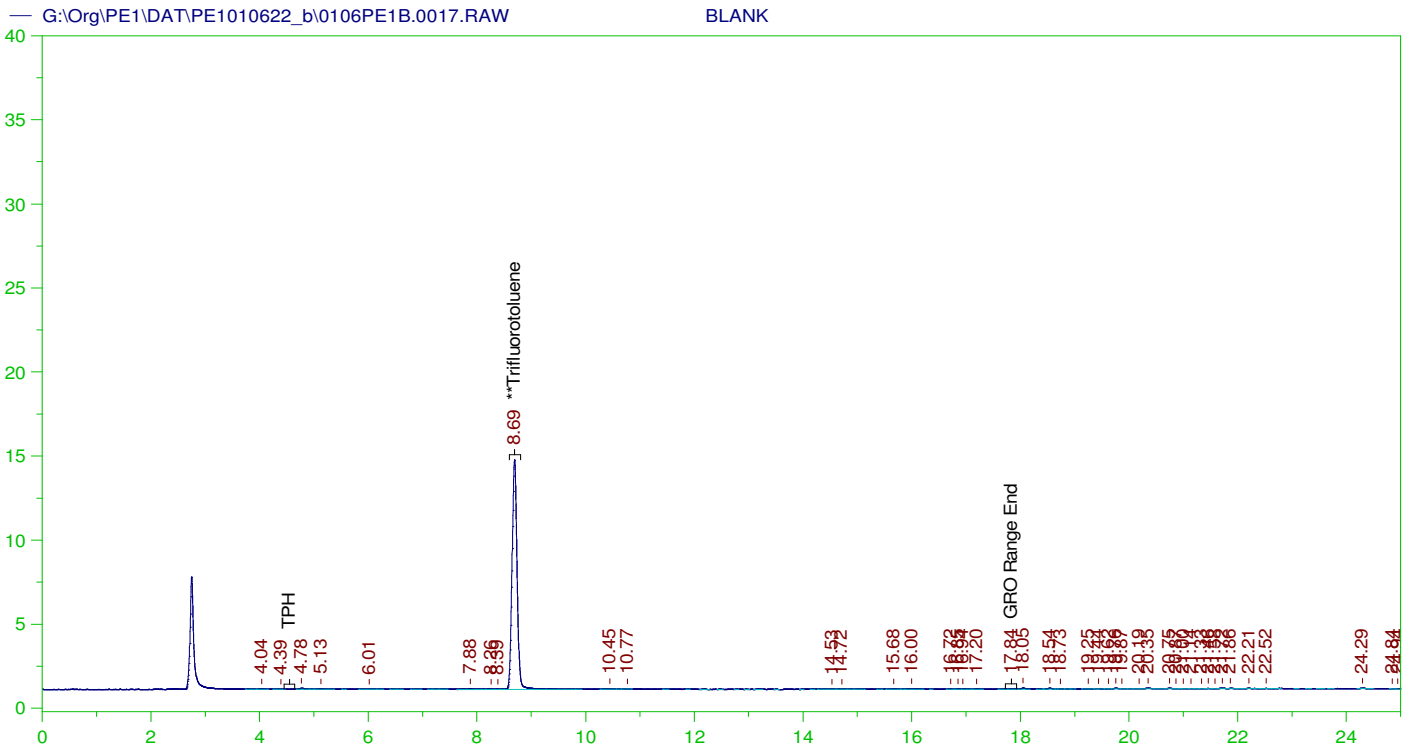
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010214-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0016.RAW
Date & Time Acquired: 1/7/2022 12:09:04 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.692	25.	20.756	83.02	-

GRO Area:3541.634 GRO Amount: 0.7487853
TPH Area:7698.573 TPH Amount: 1.693126



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0017.RAW
Date & Time Acquired: 1/7/2022 12:43:23 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

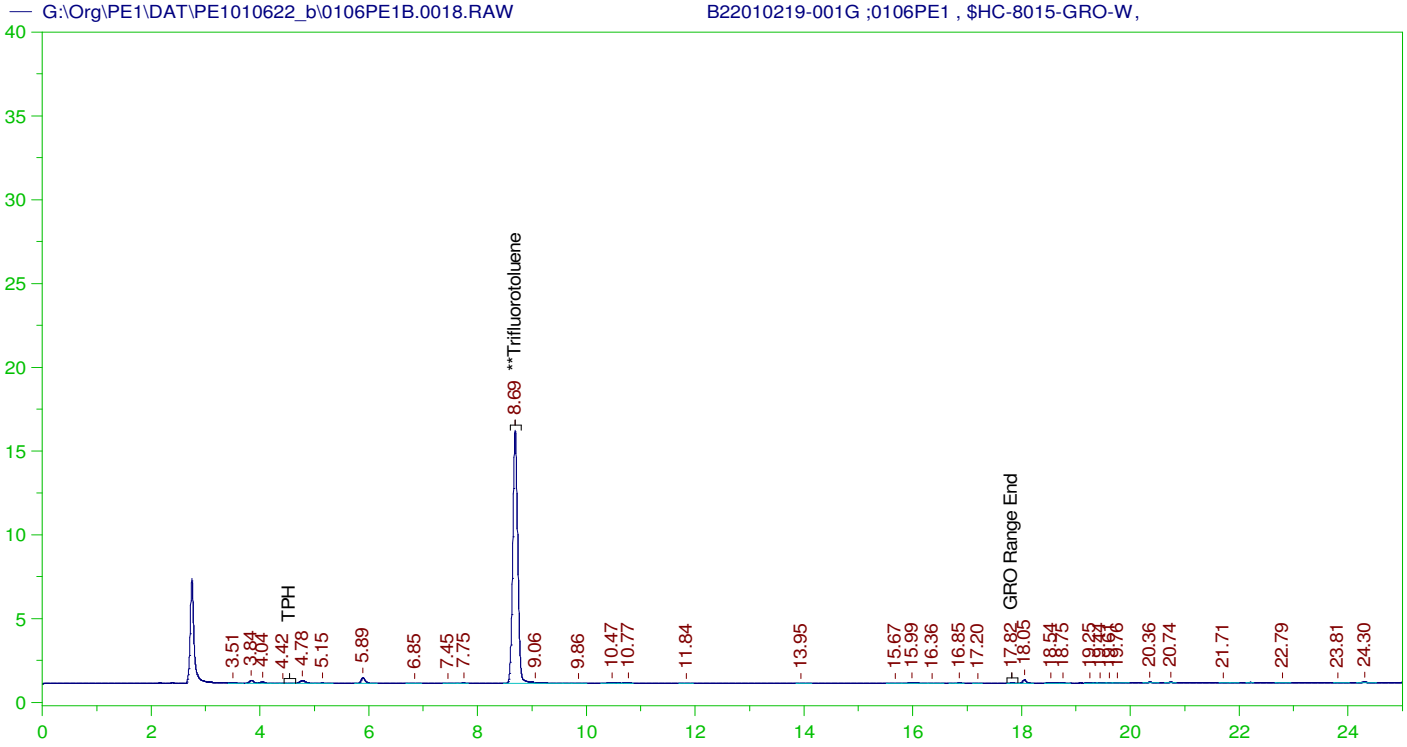
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.692	125.	93.002	74.4	-

GRO Area:3038.835 GRO Amount: 3.212409
TPH Area:6401.412 TPH Amount: 7.039226

ERH2301 (OWDFMW05A)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0018.RAW B22010219-001G ;0106PE1 , $HC-8015-GRO-W,



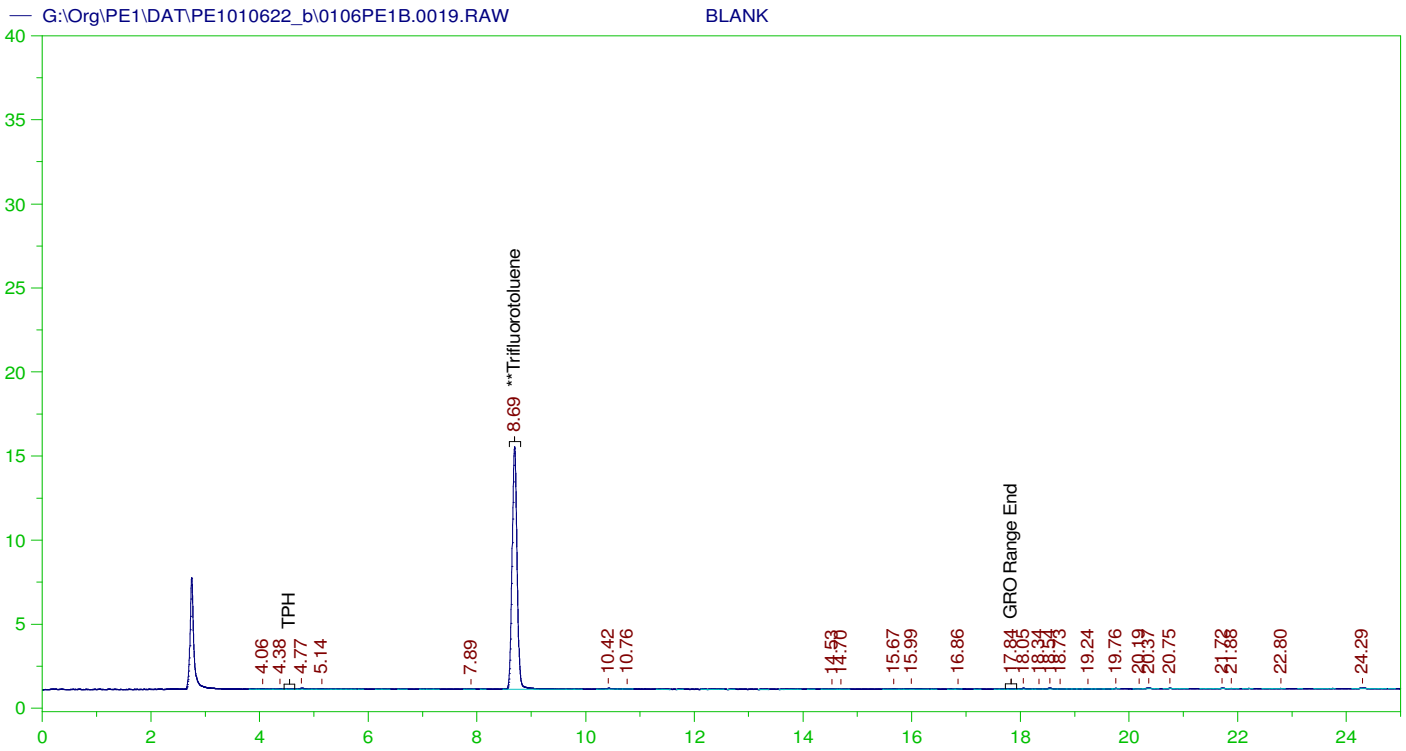
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010219-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0018.RAW
Date & Time Acquired: 1/7/2022 1:17:37 AM
Method File: G:\Org\PE1\Methods\211208G219-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.693	25.	20.469	81.88	-

GRO Area:6530.027 GRO Amount: 1.380602
TPH Area:10674.64 TPH Amount: 2.347645



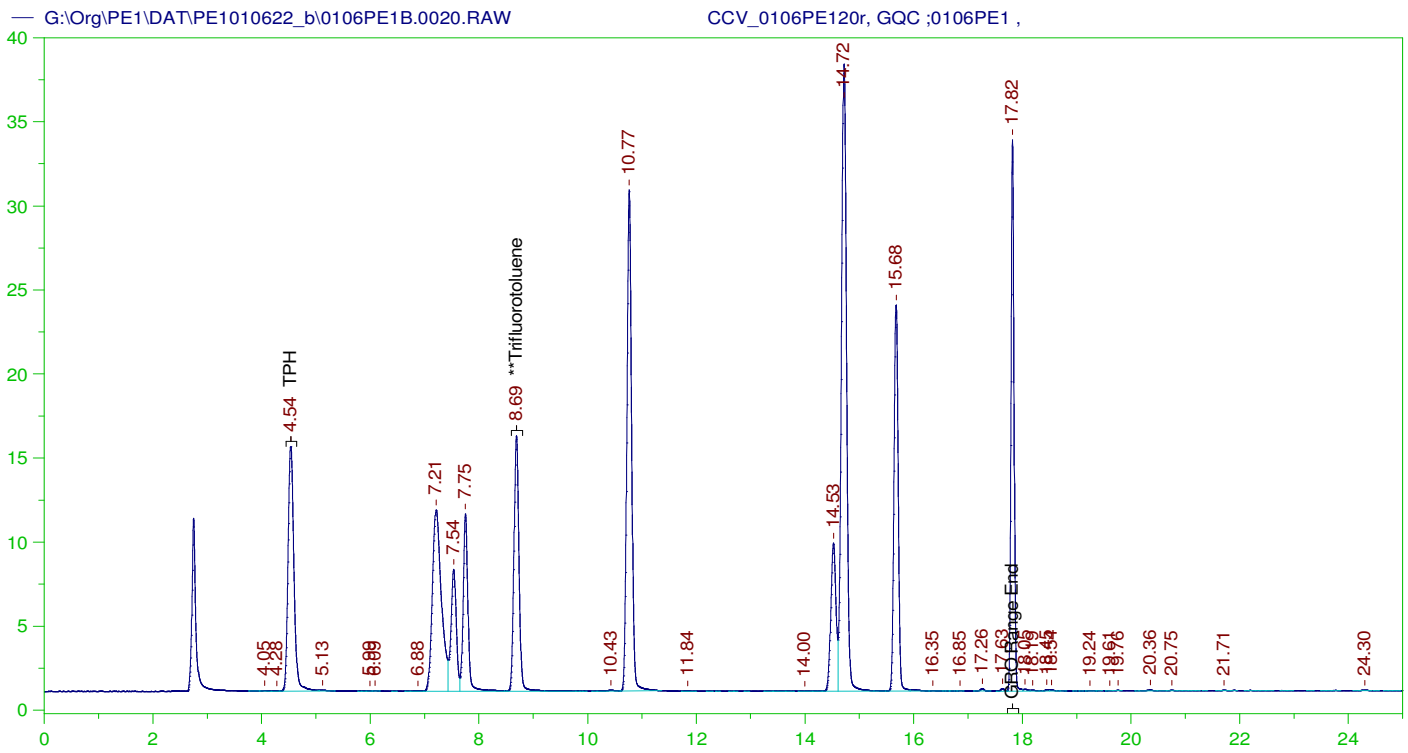
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0019.RAW
Date & Time Acquired: 1/7/2022 1:51:48 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.693	125.	97.57	78.06	-

GRO Area:3052.014 GRO Amount: 3.226341
TPH Area:5364.845 TPH Amount: 5.899379



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT
Sample Name: CCV_0106PE120r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0020.RAW
Date & Time Acquired: 1/7/2022 2:26:01 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

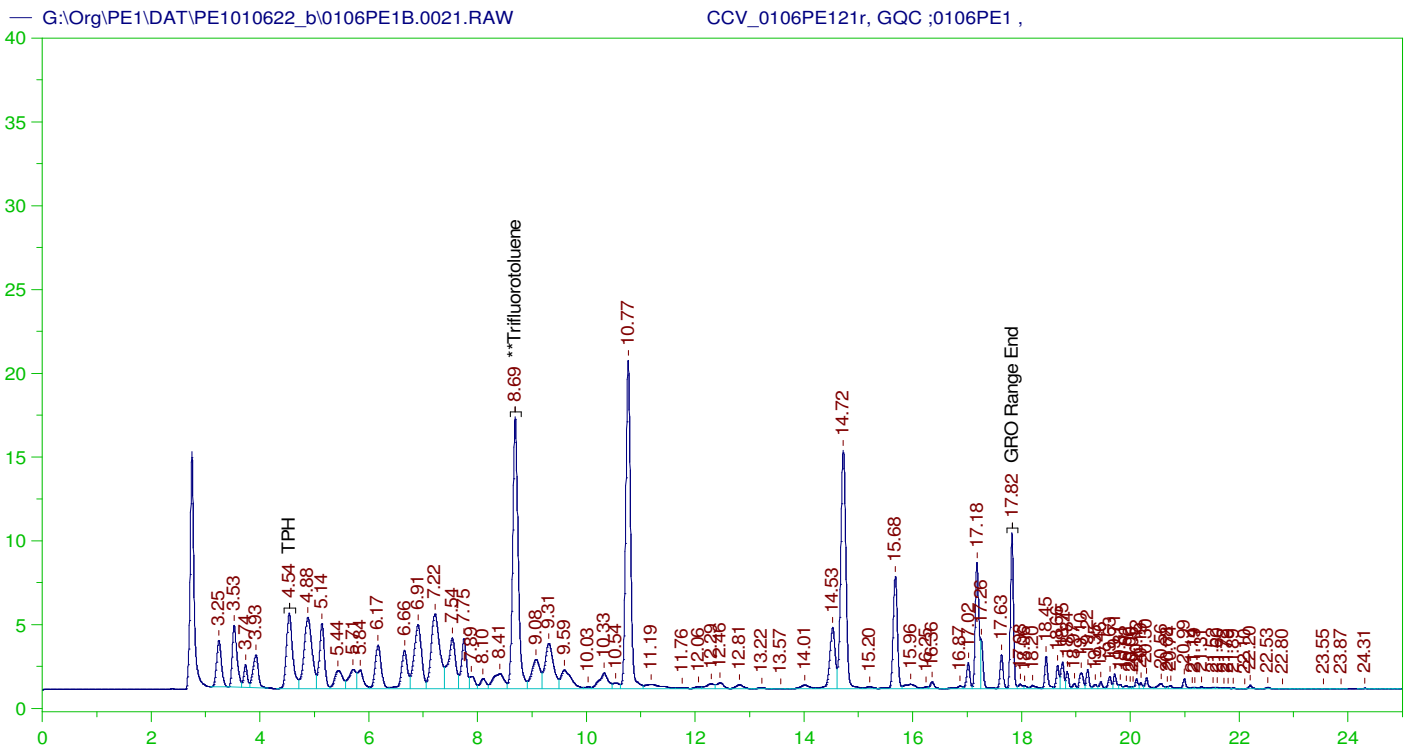
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.69	125.	103.833	83.07	-

GRO Area:1092030 GRO Amount: 1154.405
TPH Area:1095174 TPH Amount: 1204.293

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0020.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1154.41	137.43	85-115
TPH	1000.	1204.29	120.43	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.69	125.	103.833	83.07	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0106PE121r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0021.RAW
Date & Time Acquired: 1/7/2022 3:00:15 AM
Method File: G:\Org\PE1\Methods\211208GCCV0106_21B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

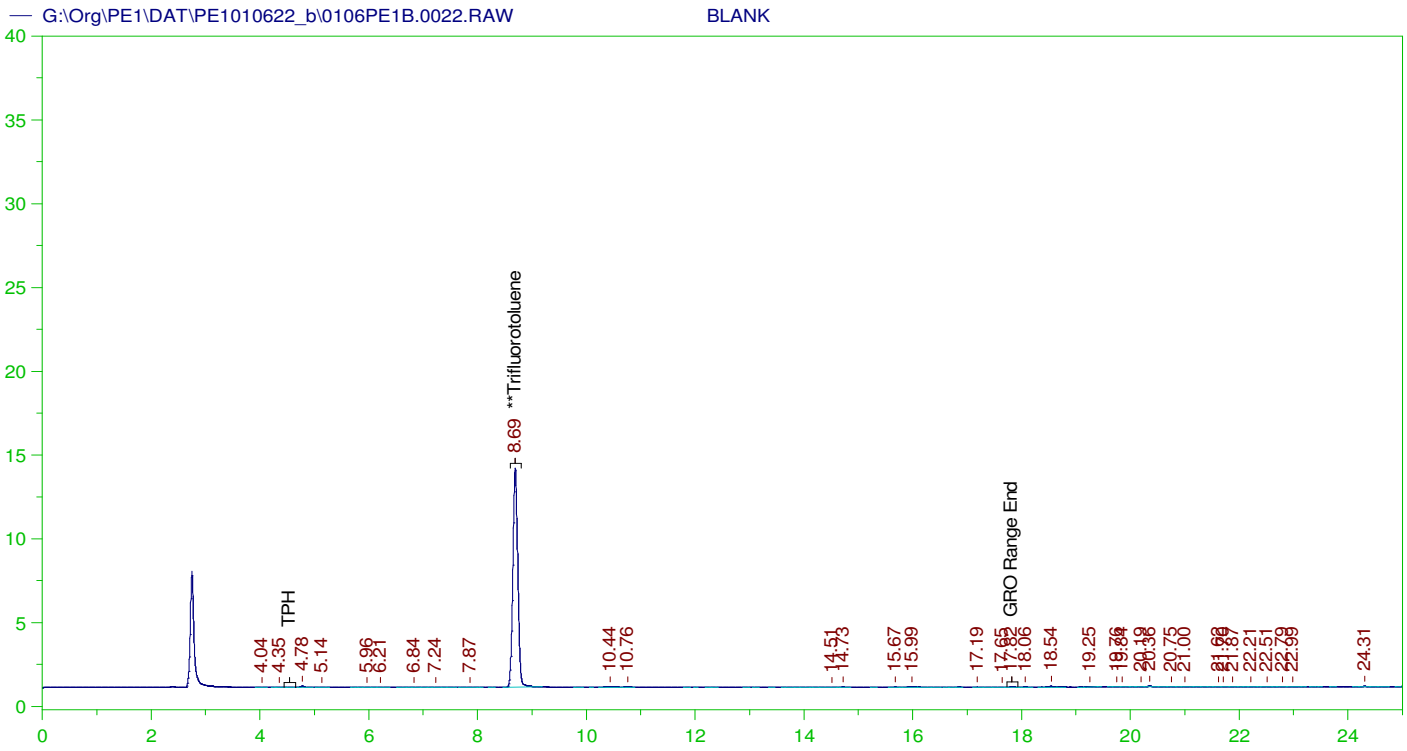
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.693	125.	120.069	96.06	-

GRO Area:824889.4 GRO Amount: 872.0058
TPH Area:953501.9 TPH Amount: 1048.505

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0021.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	872.01	103.81	85-115
TPH	1000.	1048.51	104.85	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.693	125.	120.069	96.06	85-115



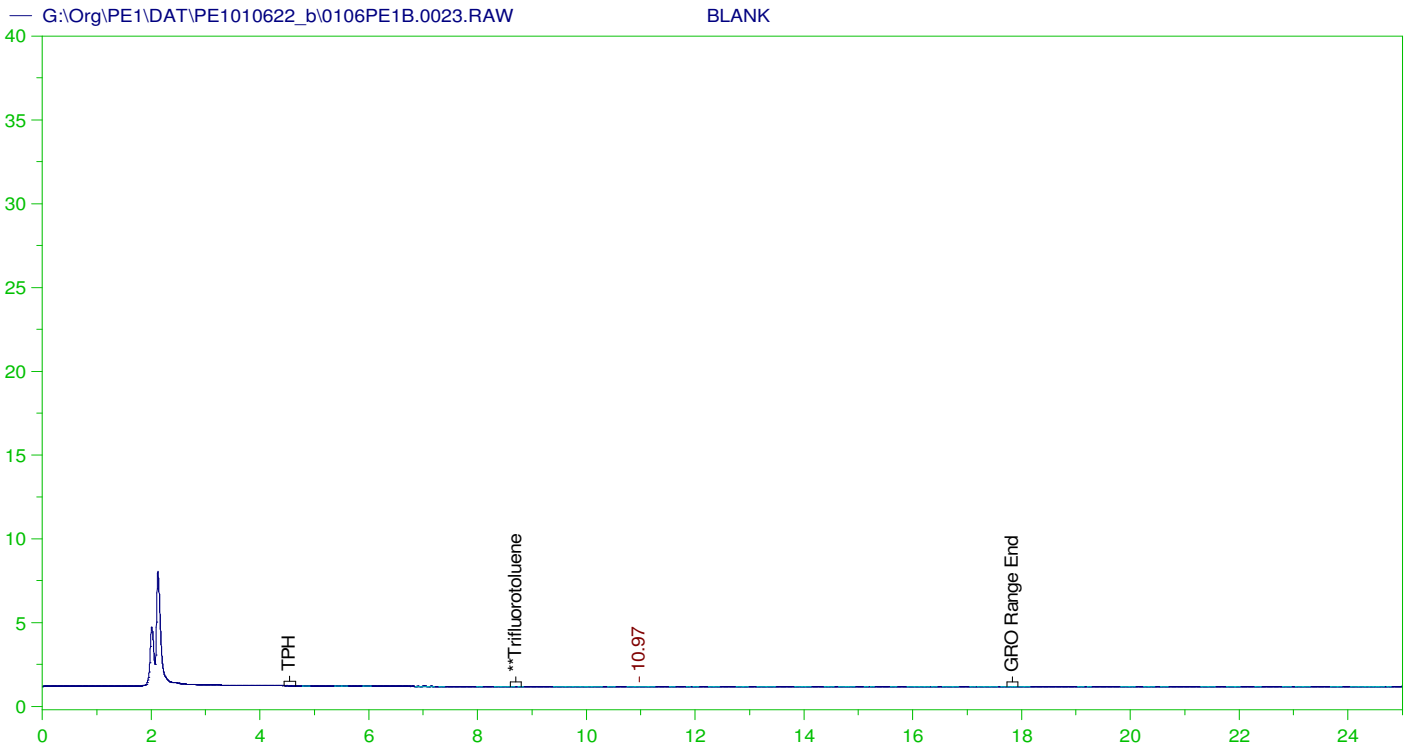
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0022.RAW
Date & Time Acquired: 1/7/2022 3:34:32 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.694	125.	88.392	70.71	-

GRO Area:3549.451 GRO Amount: 3.752191
TPH Area:6035.084 TPH Amount: 6.636399



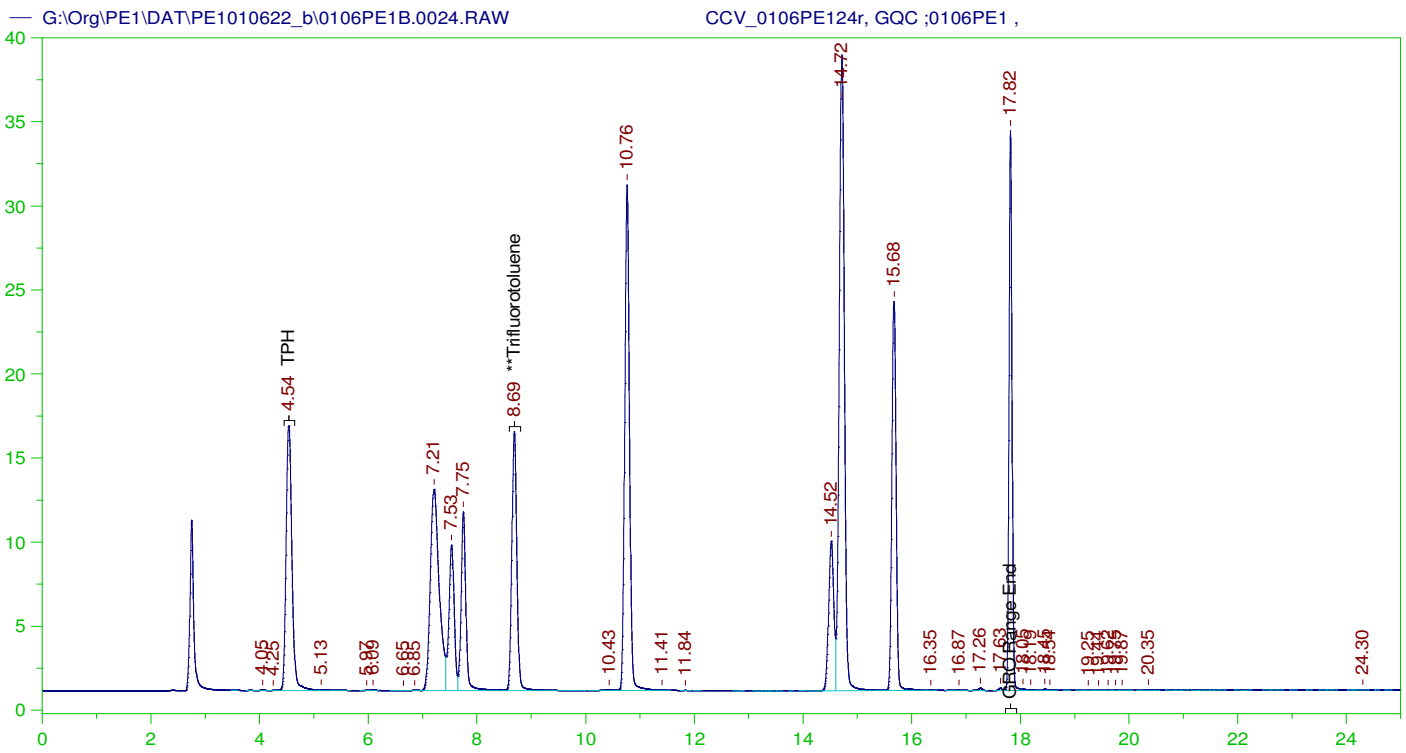
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0023.RAW
Date & Time Acquired: 1/7/2022 7:47:37 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED		%REC
**Trifluorotoluene	24.747	125.	.	.	-

GRO Area:955.7211 GRO Amount: 1.01031
TPH Area:1385.769 TPH Amount: 1.523842



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT
Sample Name: CCV_0106PE124r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0024.RAW
Date & Time Acquired: 1/7/2022 8:31:20 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

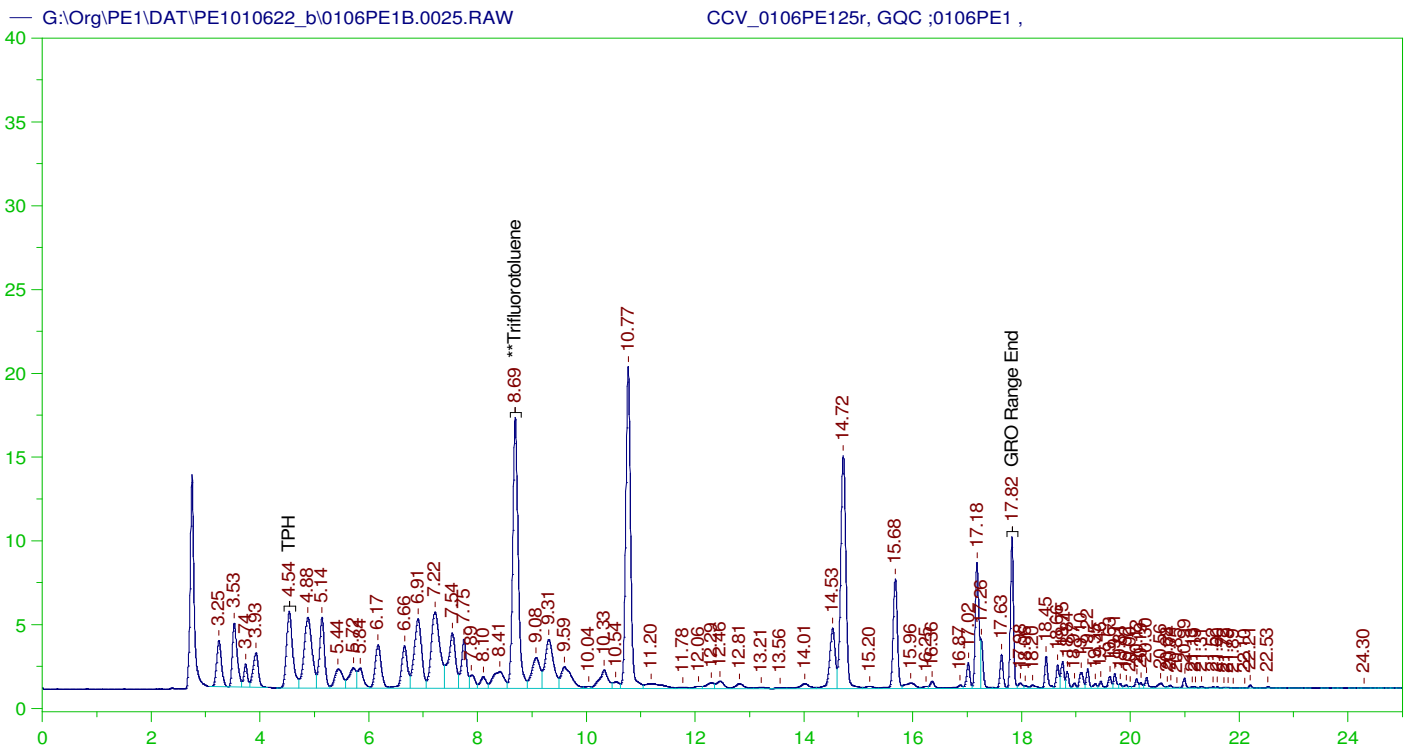
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.688	125.	105.292	84.23	-

GRO Area:1130967 GRO Amount: 1195.566
TPH Area:1133651 TPH Amount: 1246.604

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0024.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1195.57	142.33	85-115
TPH	1000.	1246.6	124.66	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.688	125.	105.292	84.23	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0106PE125r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0025.RAW
Date & Time Acquired: 1/7/2022 9:05:30 AM
Method File: G:\Org\PE1\Methods\211208GCCV0106_25B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.694	125.	119.93	95.94	-

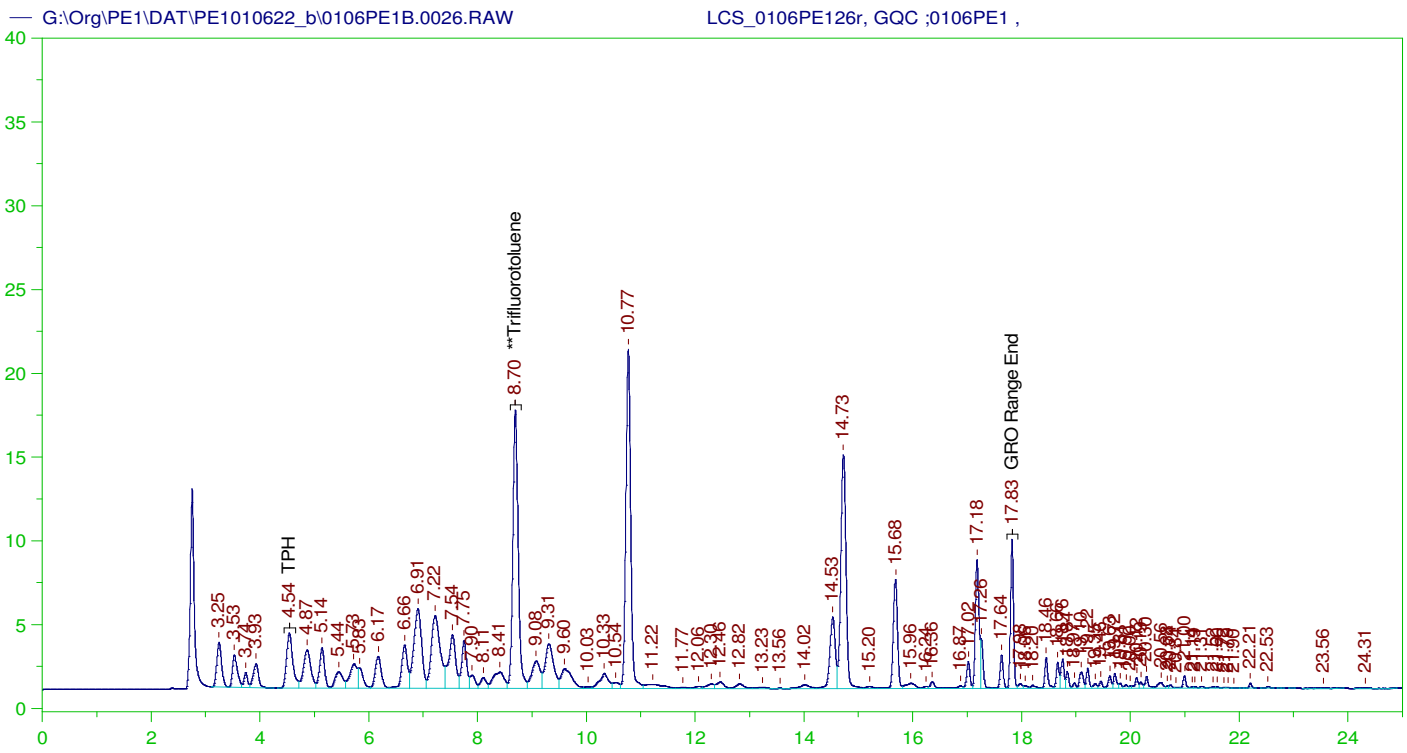
GRO Area:842814.4 GRO Amount: 890.9547
TPH Area:972399.4 TPH Amount: 1069.286

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0025.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	890.95	106.07	85-115
TPH	1000.	1069.29	106.93	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.694	125.	119.93	95.94	85-115

G:\org\PE1\dat\PE1010622_b\Review\025_CCV_0106PE125r_211208GCCV0106_25B%.xls



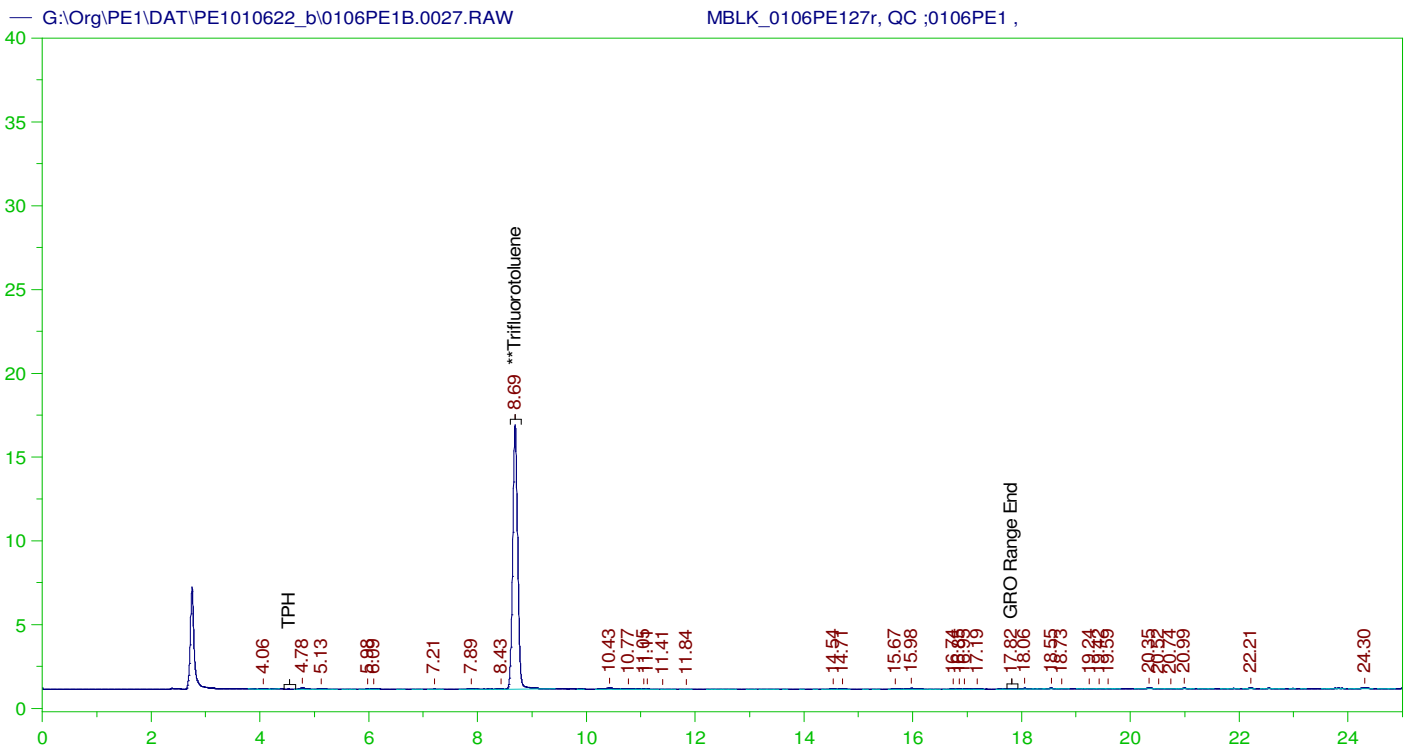
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: LCS_0106PE126r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0026.RAW
Date & Time Acquired: 1/7/2022 9:39:43 AM
Method File: G:\Org\PE1\Methods\211208GLCS0106_26B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	25.	24.235	96.94	-

GRO Area:796007.9 GRO Amount: 168.2949
TPH Area:909940.8 TPH Amount: 200.1208



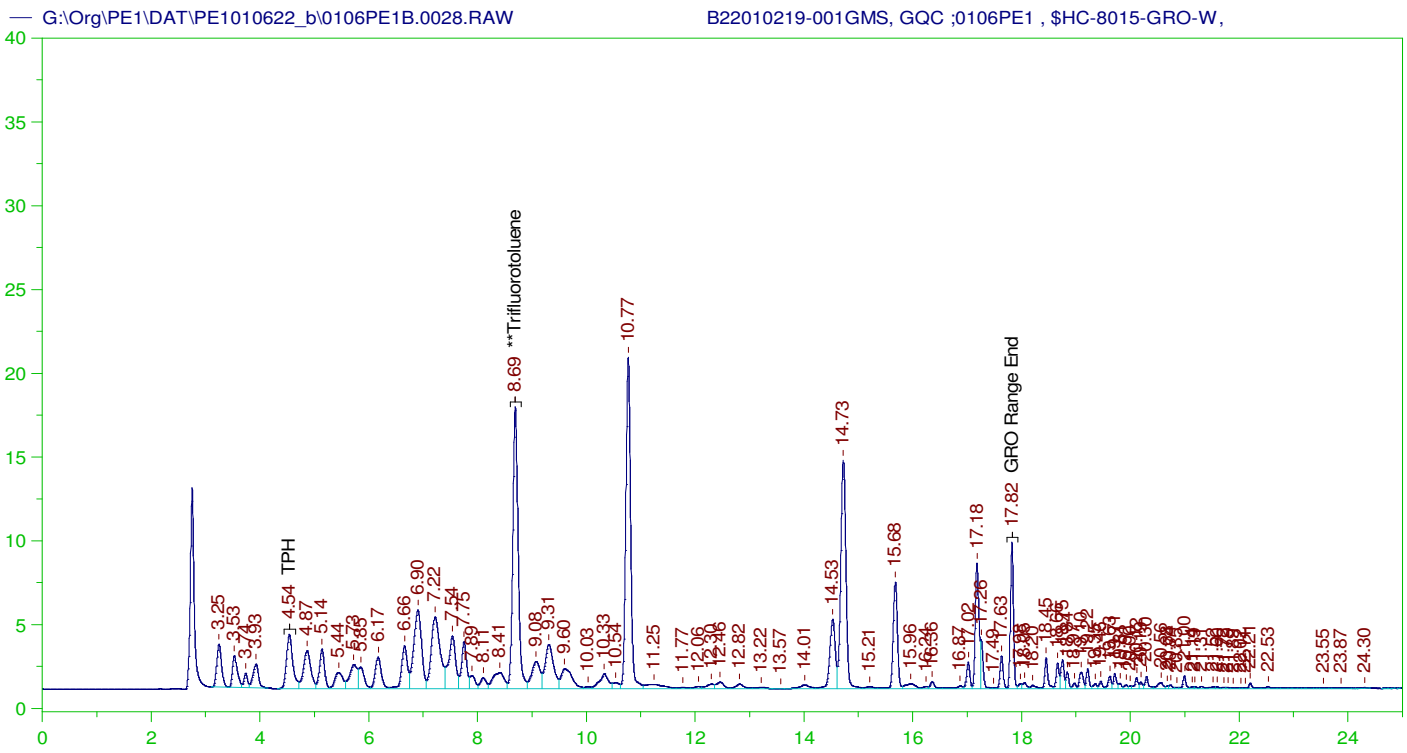
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: MBLK_0106PE127r, QC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0027.RAW
Date & Time Acquired: 1/7/2022 10:14:00 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.692	25.	21.42	85.68	-

GRO Area:5054.33 GRO Amount: 1.068605
TPH Area:7407.468 TPH Amount: 1.629104



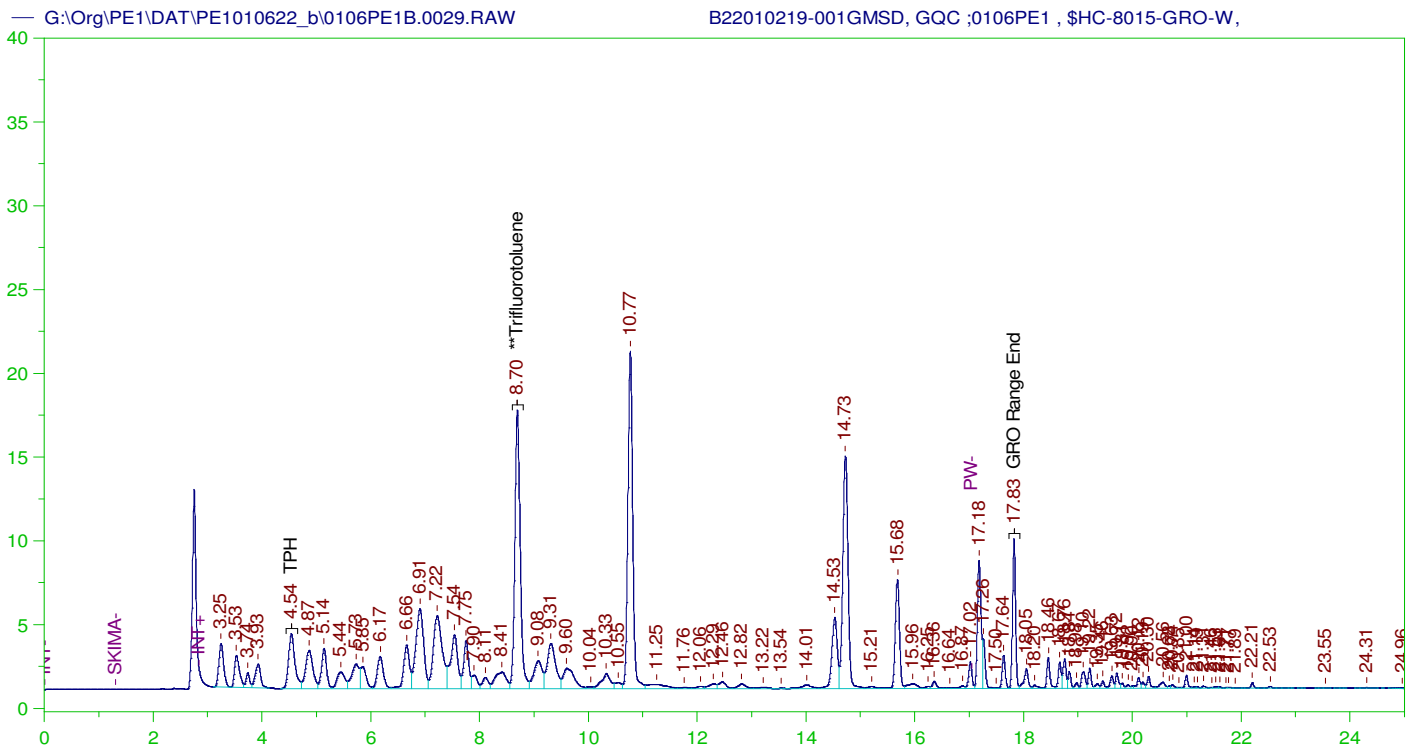
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010219-001GMS, GQC ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0028.RAW
Date & Time Acquired: 1/7/2022 10:48:20 AM
Method File: G:\Org\PE1\Methods\211208G219-1MSB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.695	25.	24.435	97.74	-

GRO Area:785850.3 GRO Amount: 166.1474
TPH Area:901955.1 TPH Amount: 198.3645



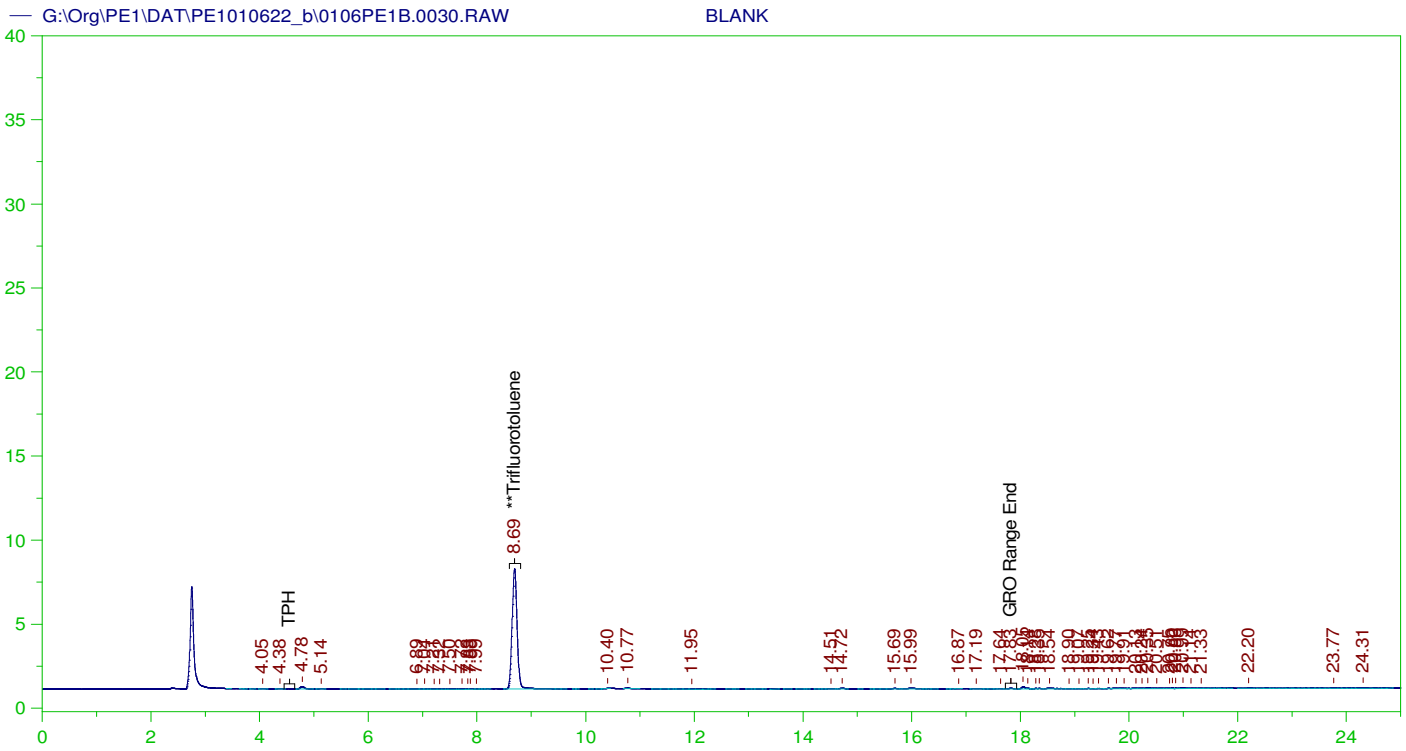
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010219-001GMSD, GQC ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0029.RAW
Date & Time Acquired: 1/7/2022 11:22:39 AM
Method File: G:\Org\PE1\Methods\211208G219-1MSDB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	25.	24.224	96.9	-

GRO Area:799528.3 GRO Amount: 169.0392
TPH Area:919274.4 TPH Amount: 202.1735



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

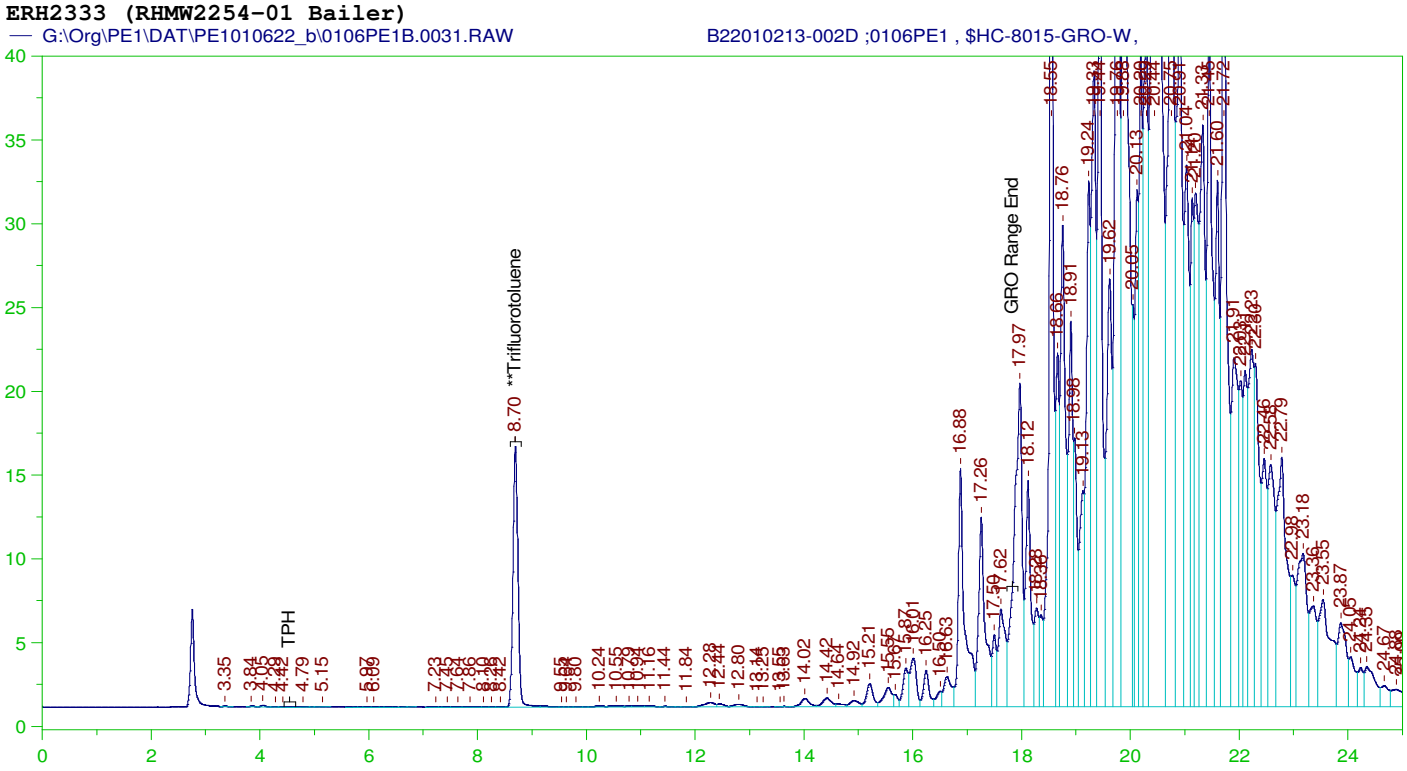
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0030.RAW
Date & Time Acquired: 1/7/2022 11:57:01 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.693	125.	48.381	38.71	-

GRO Area:4929.289 GRO Amount: 5.210843
TPH Area:9786.906 TPH Amount: 10.76204

ERH2333 (RHMW2254-01 Bailer)



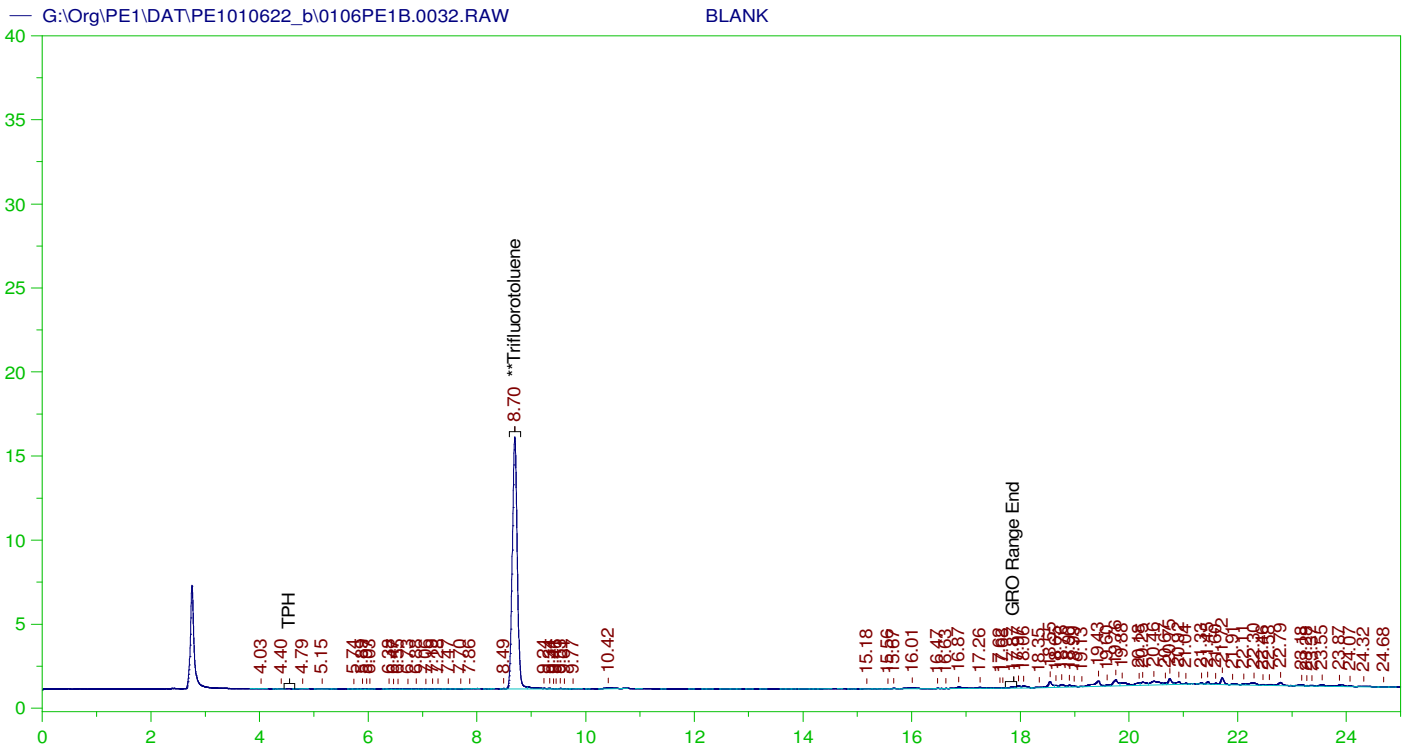
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010213-002D ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0031.RAW
Date & Time Acquired: 1/7/2022 12:31:26 PM
Method File: G:\Org\PE1\Methods\211208G213-2B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	25.	21.174	84.7	-

GRO Area:435988.8 GRO Amount: 92.17835
TPH Area:9042936 TPH Amount: 1988.788



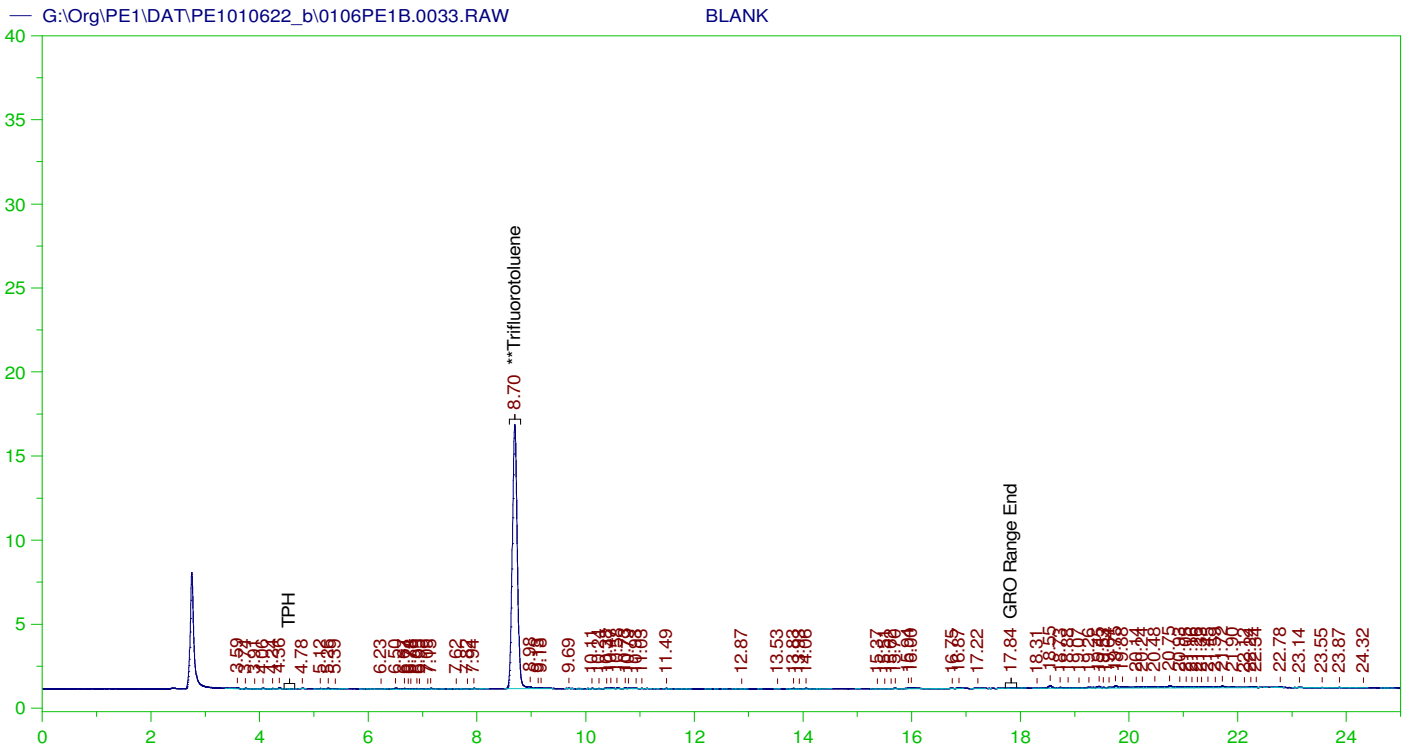
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0032.RAW
Date & Time Acquired: 1/7/2022 1:05:52 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	100.951	80.76	-

GRO Area:7069.384 GRO Amount: 7.473176
TPH Area:36112.84 TPH Amount: 39.71099



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0033.RAW
Date & Time Acquired: 1/7/2022 1:40:08 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

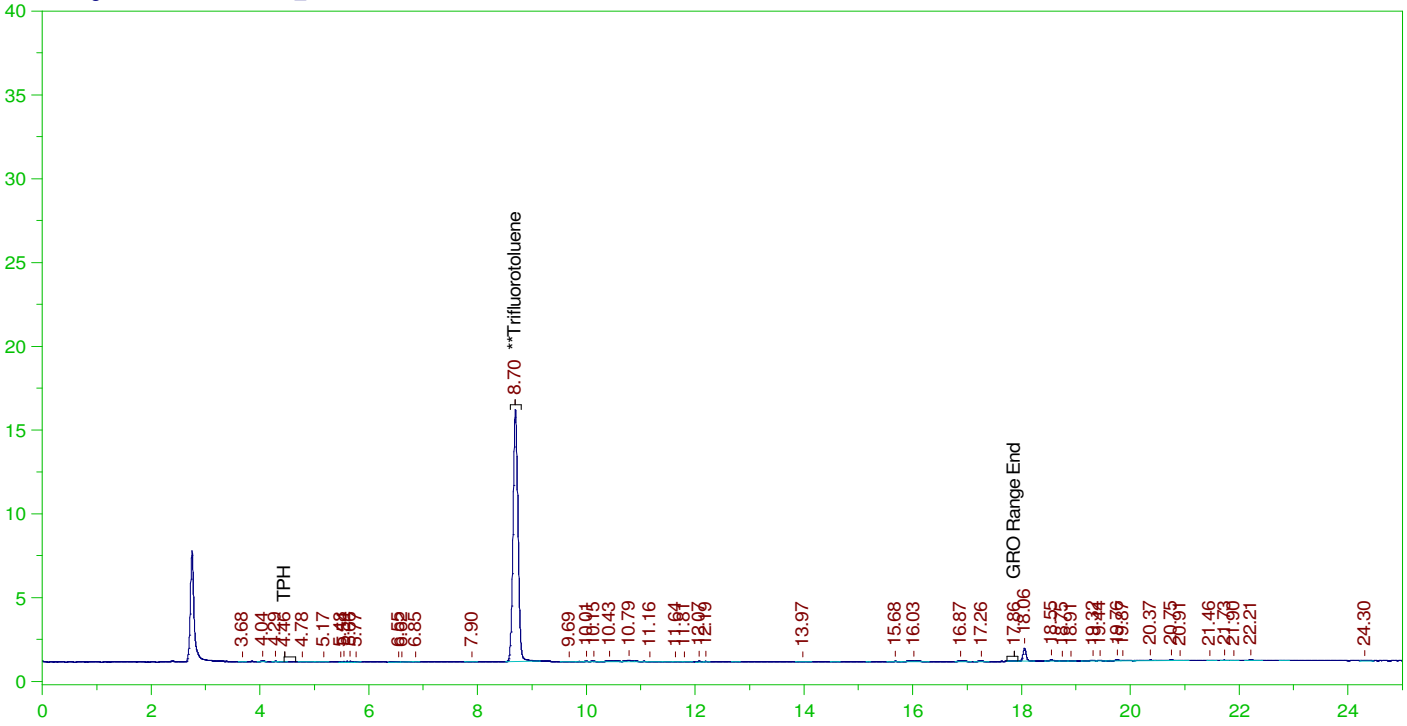
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	106.085	84.87	-

GRO Area:7145.384 GRO Amount: 7.553518
TPH Area:20090.4 TPH Amount: 22.09214

ERH2316 Trip Blank-14653

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0034.RAW B22010209-003A ;0106PE1 , $HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010209-003A ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0034.RAW
Date & Time Acquired: 1/7/2022 2:14:20 PM
Method File: G:\Org\PE1\Methods\211208G209-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

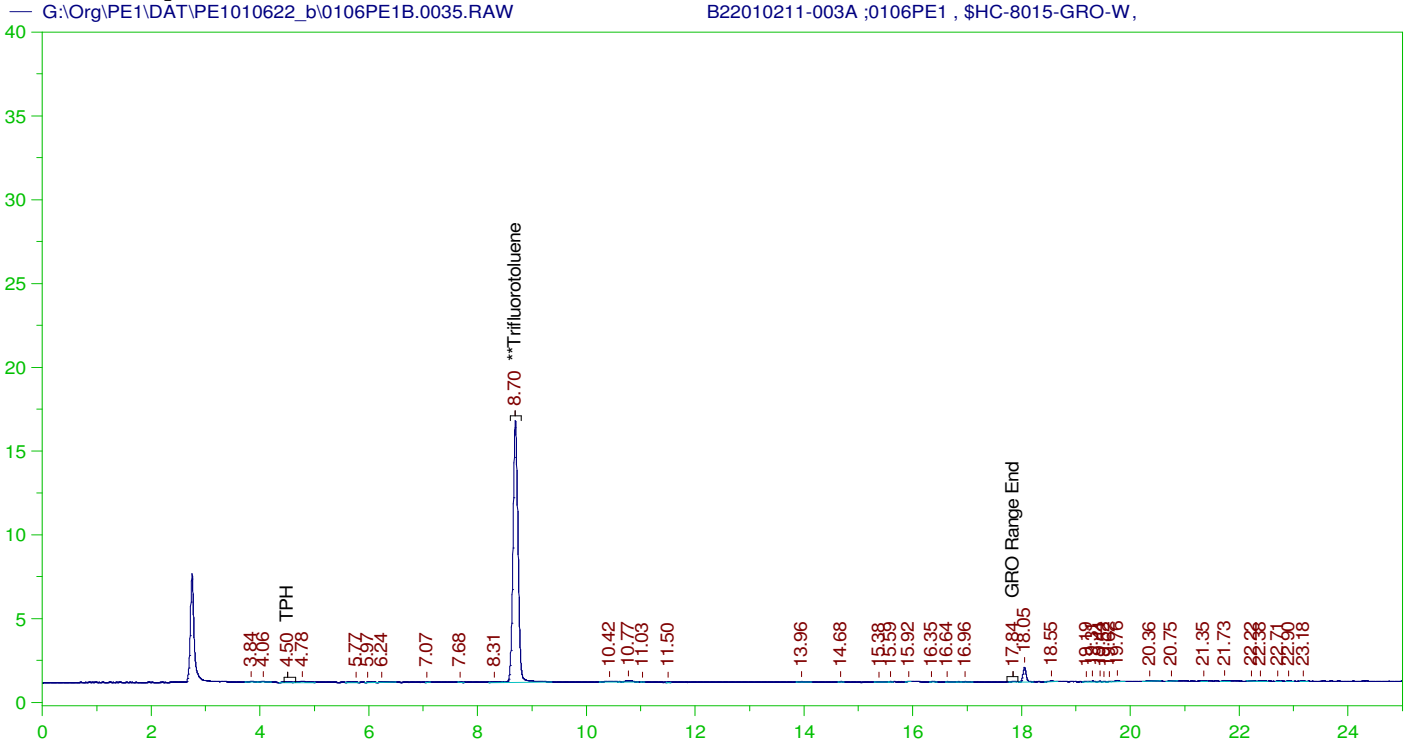
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.698	25.	20.247	80.99	-

GRO Area:6266.084 GRO Amount: 1.324799
TPH Area:13421.75 TPH Amount: 2.951808

ERH2335 Trip Blank-14653

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0035.RAW B22010211-003A ;0106PE1 , $HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010211-003A ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0035.RAW
Date & Time Acquired: 1/7/2022 2:48:31 PM
Method File: G:\Org\PE1\Methods\211208G211-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

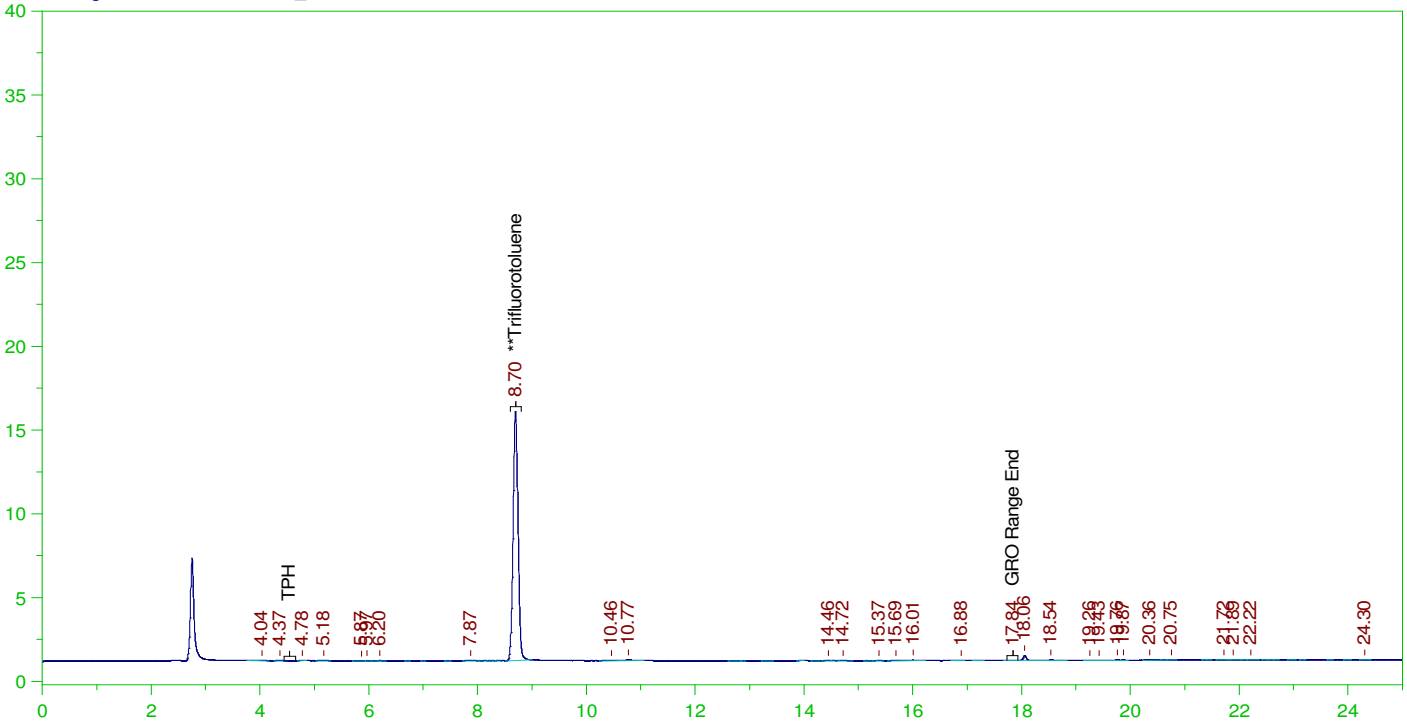
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	25.	21.283	85.13	-

GRO Area:5111.94 GRO Amount: 1.080785
TPH Area:12532.02 TPH Amount: 2.756134

ERH2302-14525

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0036.RAW B22010212-003A ;0106PE1 , $HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010212-003A ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0036.RAW
Date & Time Acquired: 1/7/2022 3:22:41 PM
Method File: G:\Org\PE1\Methods\211208G212-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

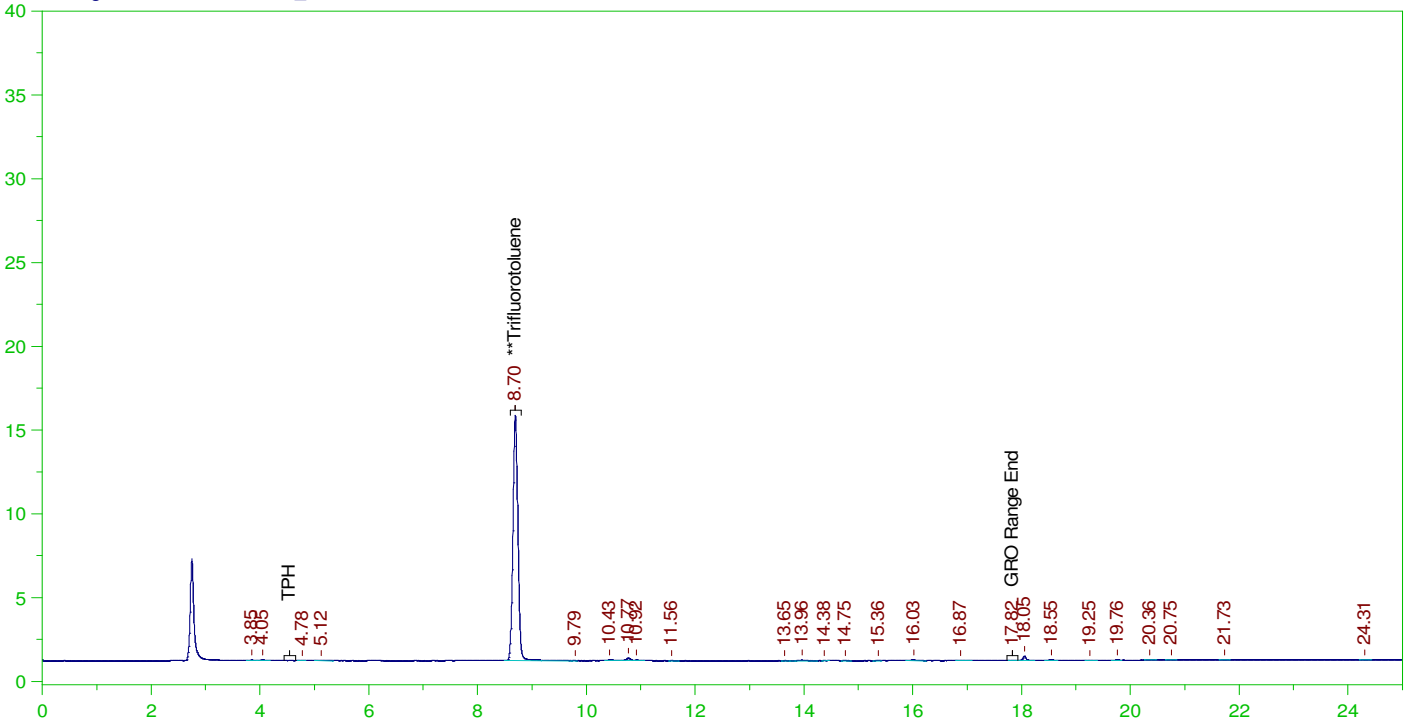
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.699	25.	19.88	79.52	-

GRO Area:2725.653 GRO Amount: 0.5762676
TPH Area:5836.041 TPH Amount: 1.283505

ERH2331 Trip Blank-14653

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0037.RAW B22010213-005A ;0106PE1 , $HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010213-005A ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0037.RAW
Date & Time Acquired: 1/7/2022 3:56:53 PM
Method File: G:\Org\PE1\Methods\211208G213-5B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

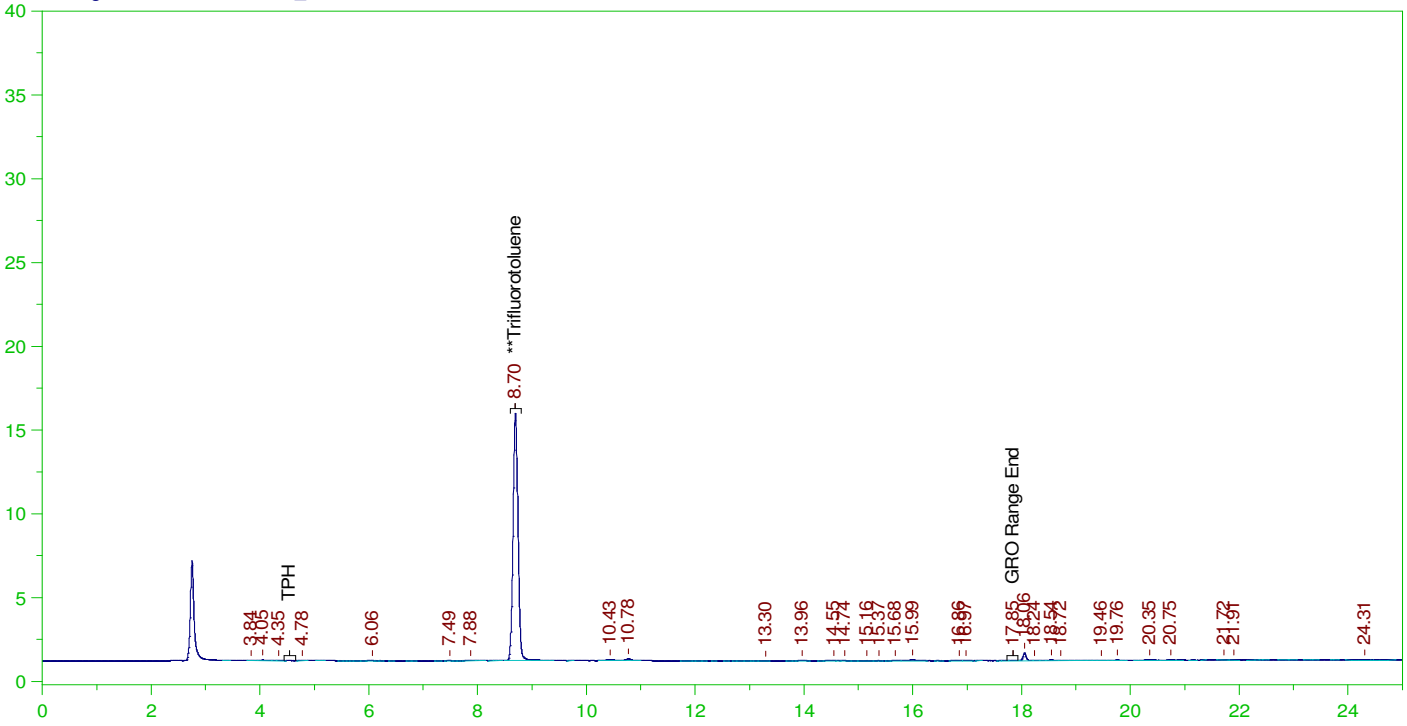
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	25.	19.893	79.57	-

GRO Area:3299.194 GRO Amount: 0.6975278
TPH Area:5687.656 TPH Amount: 1.250871

ERH2320 (Trip Blank)-14653

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0038.RAW B22010214-003A ;0106PE1 , $HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010214-003A ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0038.RAW
Date & Time Acquired: 1/7/2022 4:31:08 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

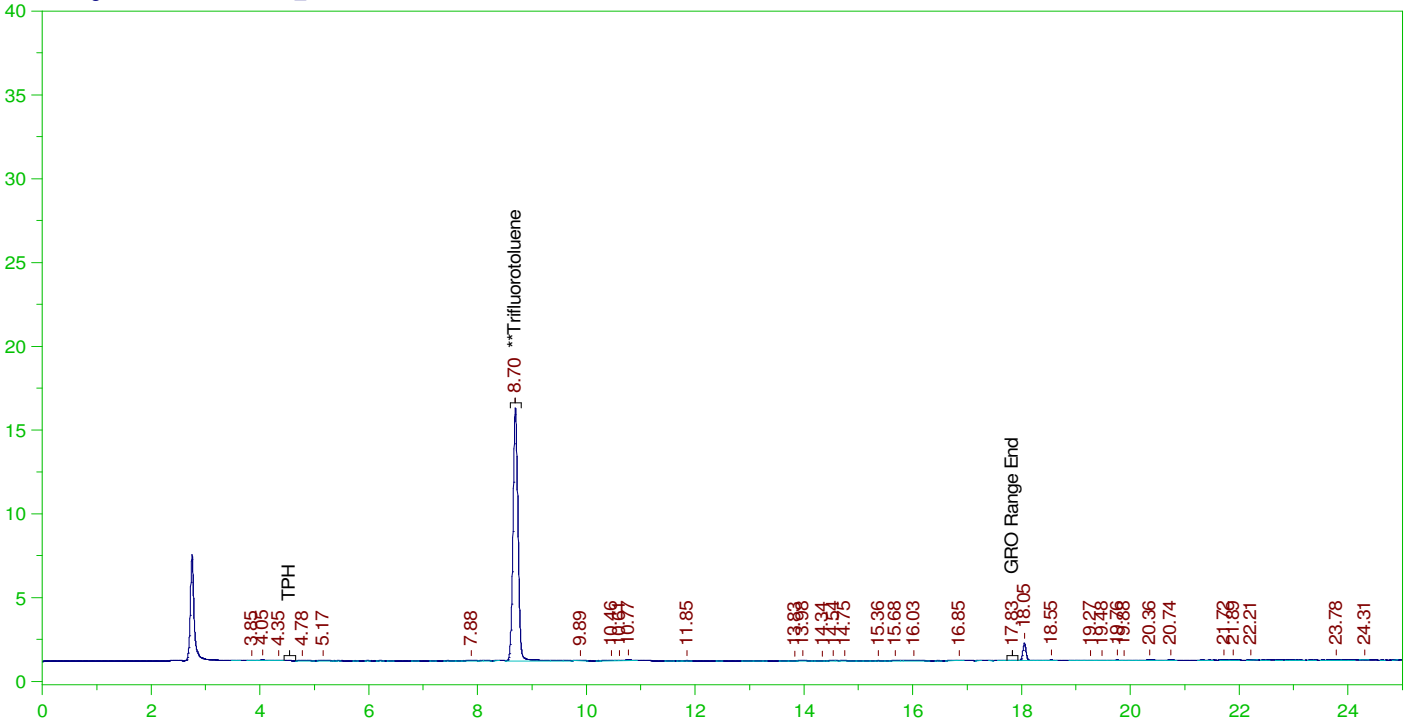
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.698	25.	20.055	80.22	-

GRO Area:4180.96 GRO Amount: 0.8839539
TPH Area:8410.68 TPH Amount: 1.849738

ERH2300-14575

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0039.RAW B22010219-003A ;0106PE1 , $HC-8015-GRO-W,



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010219-003A ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0039.RAW
Date & Time Acquired: 1/7/2022 5:05:24 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

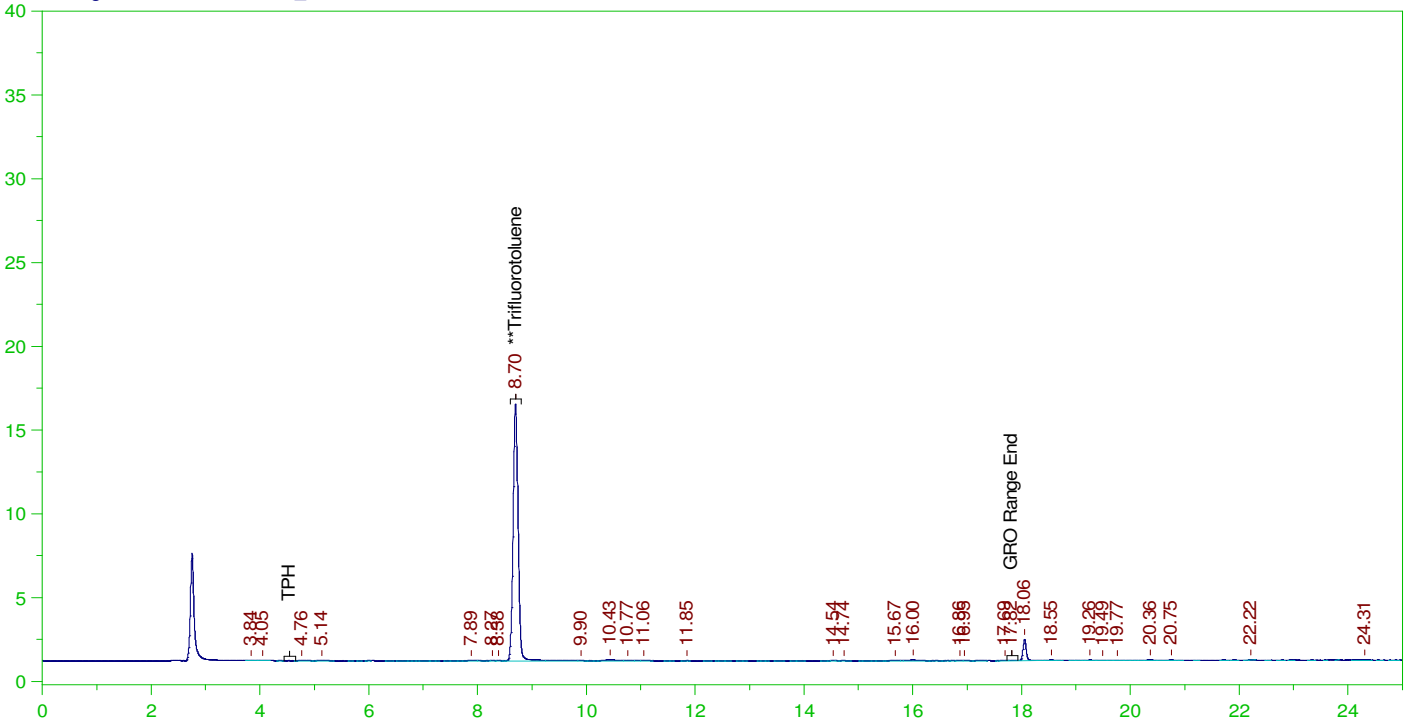
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	25.	20.501	82.	-

GRO Area:3534.704 GRO Amount: 0.7473201
TPH Area:10083.82 TPH Amount: 2.217706

ERH2303 (OWDFMW07A)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0040.RAW B22010212-001G ;0106PE1 , $HC-8015-GRO-W,



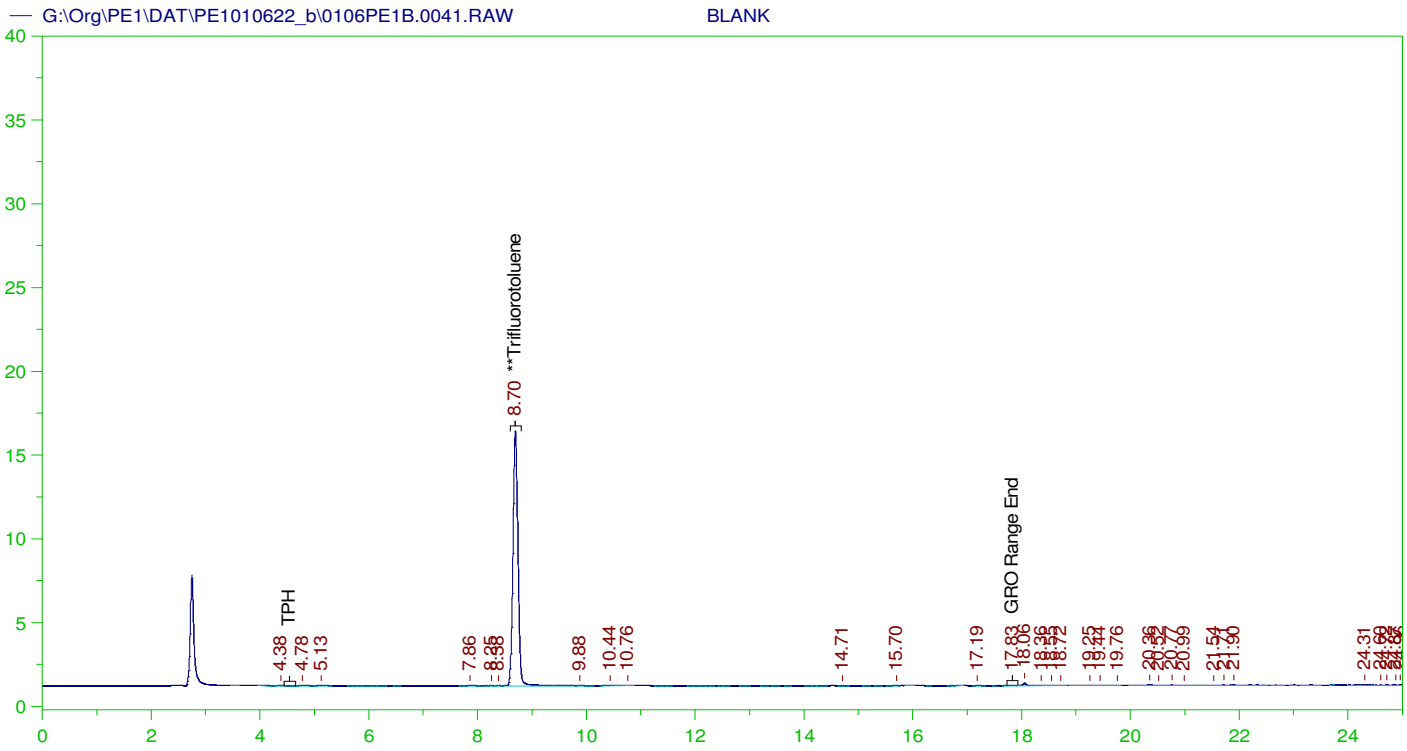
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010212-001G ;0106PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0040.RAW
Date & Time Acquired: 1/7/2022 5:39:41 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.699	25.	20.844	83.38	-

GRO Area:4110.429 GRO Amount: 0.869042
TPH Area:11272.95 TPH Amount: 2.479229



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0041.RAW
Date & Time Acquired: 1/7/2022 6:13:58 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

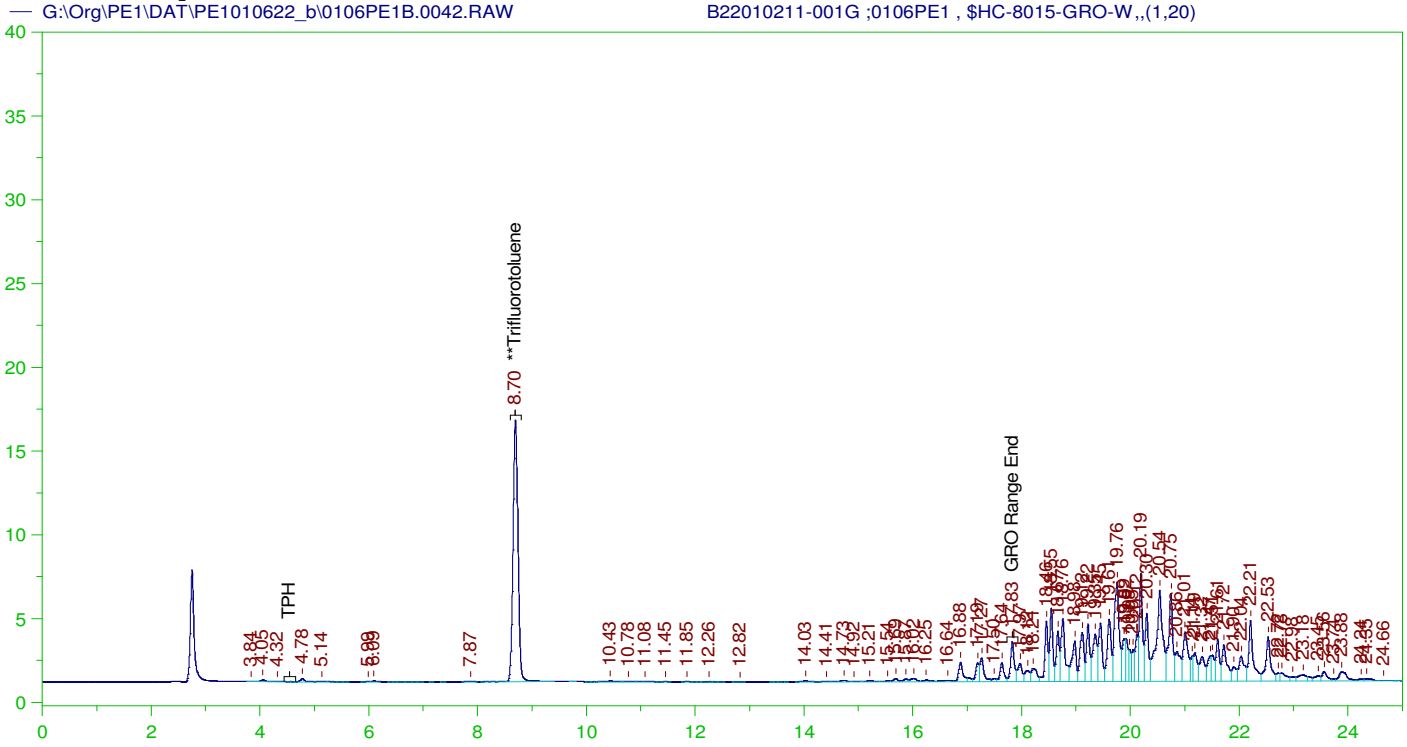
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	103.623	82.9	-

GRO Area:2048.916 GRO Amount: 2.165946
TPH Area:5277.051 TPH Amount: 5.802837

ERH2336 (Sump Adit3)

G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0042.RAW B22010211-001G ;0106PE1 , $HC-8015-GRO-W,,(1,20)



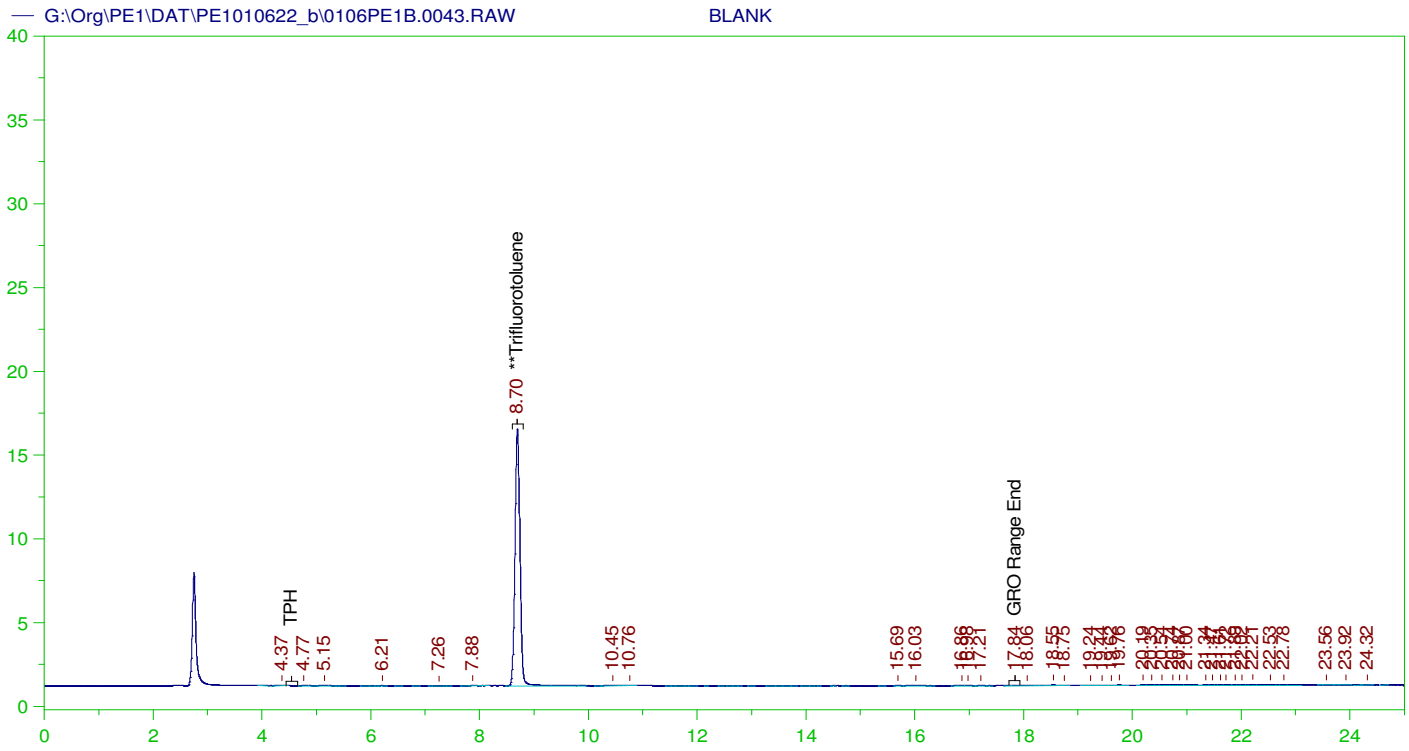
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010211-001G ;0106PE1 , $HC-8015-GRO-W,,(1,20)
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0042.RAW
Date & Time Acquired: 1/7/2022 6:48:18 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 20 S.A.: 20

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.698	500.	422.939	84.59	-

GRO Area:48948.68 GRO Amount: 206.9782
TPH Area:595553.8 TPH Amount: 2619.57



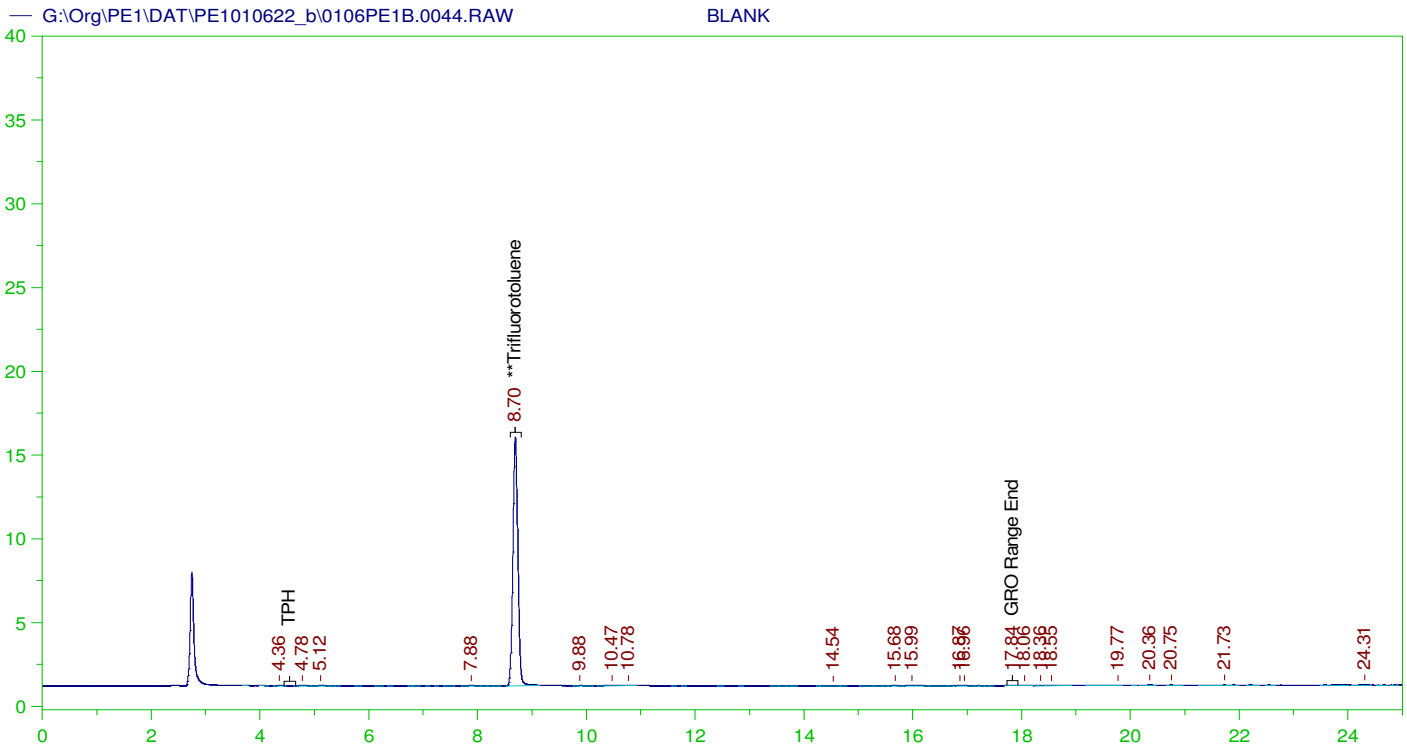
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0043.RAW
Date & Time Acquired: 1/7/2022 7:22:27 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	125.	104.107	83.29	-

GRO Area:2585.331 GRO Amount: 2.733001
TPH Area:5847.216 TPH Amount: 6.429811



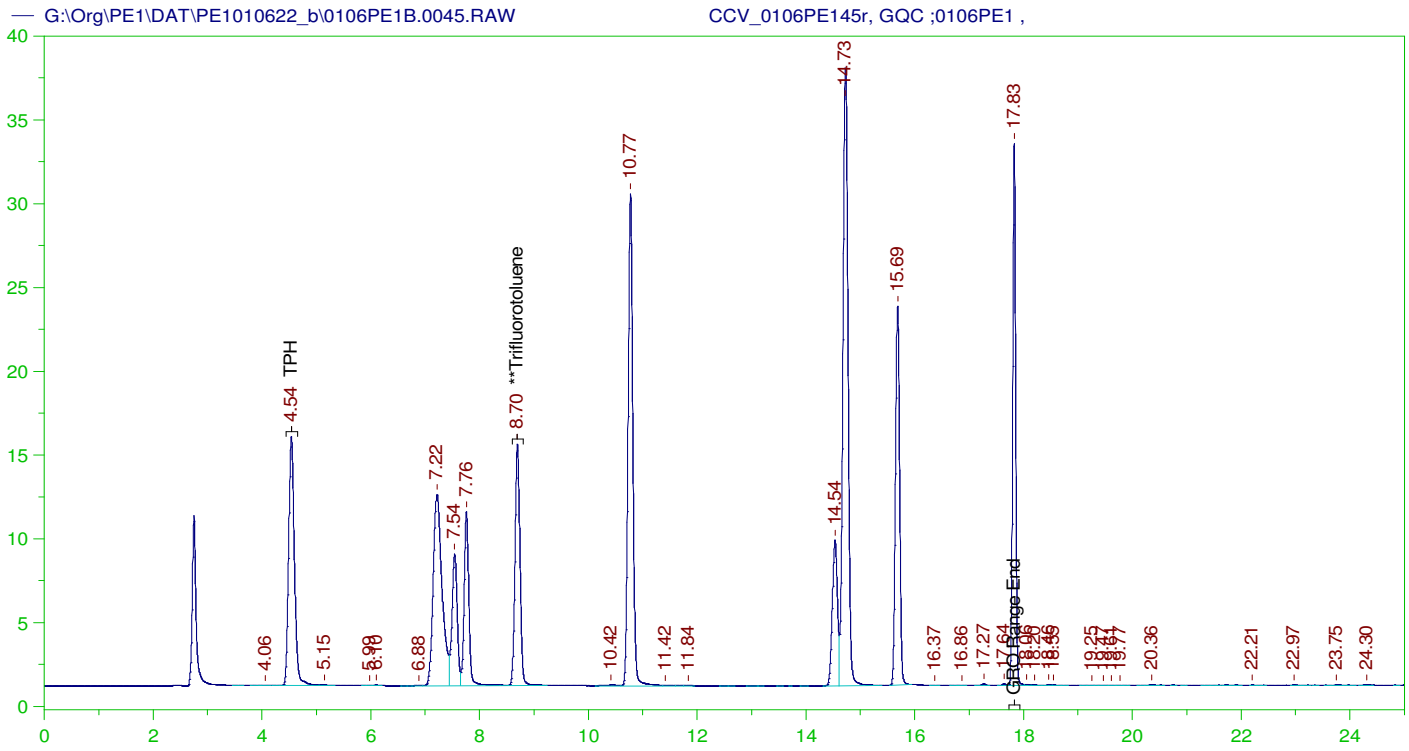
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0044.RAW
Date & Time Acquired: 1/7/2022 7:56:38 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.695	125.	99.957	79.97	-

GRO Area:2785.275 GRO Amount: 2.944365
TPH Area:4231.651 TPH Amount: 4.653278



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0106PE145r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0045.RAW
Date & Time Acquired: 1/7/2022 8:30:48 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

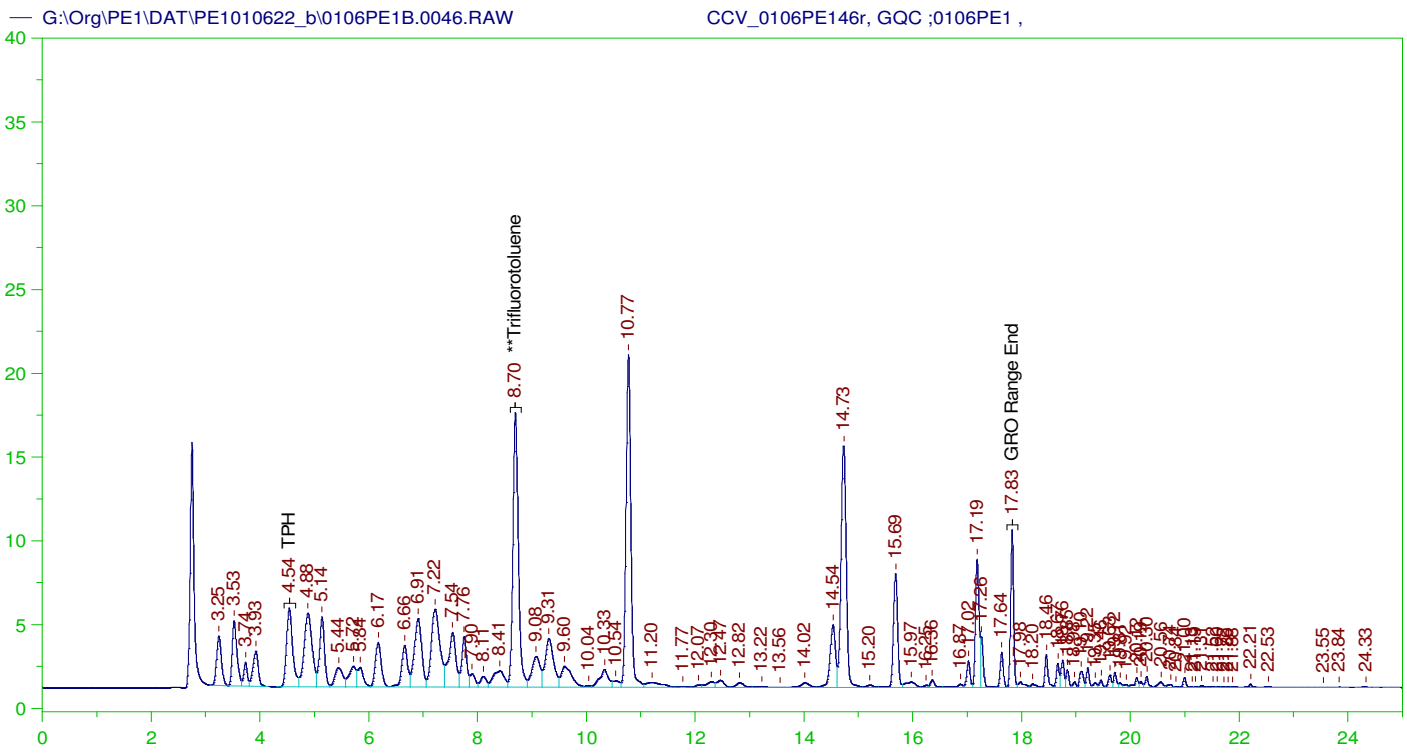
SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.697	125.	97.305	77.84	-

GRO Area:1088944 GRO Amount: 1151.143
TPH Area:1091807 TPH Amount: 1200.59

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0045.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1151.14	137.04	85-115
TPH	1000.	1200.59	120.06	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.697	125.	97.305	77.84	85-115



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0106PE146r, GQC ;0106PE1 ,
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0046.RAW
Date & Time Acquired: 1/7/2022 9:04:59 PM
Method File: G:\Org\PE1\Methods\211208GCCV0106_46B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.698	125.	121.291	97.03	-

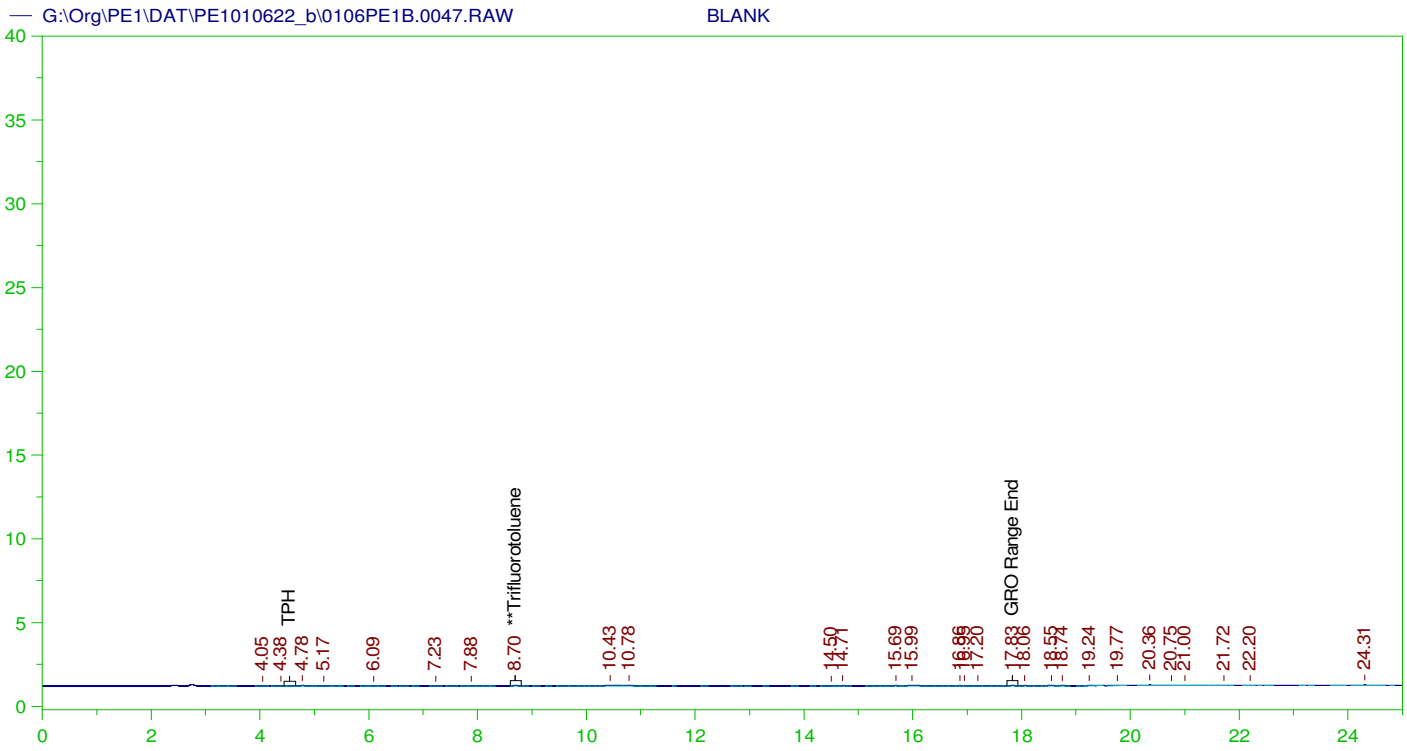
GRO Area:857688.9 GRO Amount: 906.6788
TPH Area:990313.4 TPH Amount: 1088.985

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0046.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	906.68	107.94	85-115
TPH	1000.	1088.99	108.9	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.698	125.	121.291	97.03	85-115

G:\org\PE1\dat\PE1010622_b\Review\046_CCV_0106PE146r_211208GCCV0106_46B%.xls



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1010622_b\0106PE1B.0047.RAW
Date & Time Acquired: 1/7/2022 9:39:16 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.696	125.	.137	.11	-

GRO Area:4048.264 GRO Amount: 4.279495
TPH Area:5999.773 TPH Amount: 6.597569

Write Sequence Data File	Insert Entries(Have the first cell for entries selecte Sample Name	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID	Manual Integrations
G:\Org\PE1\DAT\PE1010622_b\0106PE1.01r	CCV_0106PE101r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.02r	CCV_0106PE102r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.03r	LCS_0106PE103r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.04r	MBLK_0106PE104r, QC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.05r	B21122092-001F ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.06r	B22010209-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.07r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.08r	B22010211-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.09r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.10r	*B22010212-001G ;0106PE1 , $HC-8015-GRO-W,*	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.11r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.12r	B22010213-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.13r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.14r	B22010213-003G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.15r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.16r	B22010214-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.17r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.18r	B22010219-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.19r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.20r	CCV_0106PE120r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.21r	CCV_0106PE121r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.22r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.23r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None

G:\Org\PE1\DAT\PE1010622_b\0106PE1.24r	CCV_0106PE124r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.25r	CCV_0106PE125r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.26r	LCS_0106PE126r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.27r	MBLK_0106PE127r, QC ;0106PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.28r	B22010219-001GMS, GQC ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.29r	B22010219-001GMSD, GQC ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.30r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.31r	B22010213-002D ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.32r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.33r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.34r	B22010209-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.35r	B22010211-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.36r	B22010212-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.37r	B22010213-005A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.38r	B22010214-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.39r	B22010219-003A ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.40r	B22010212-001G ;0106PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.41r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None

G:\Org\PE1\DAT\PE1010622_b\0106PE1.42r	*B22010211-001G ;0106PE1 , $HC-8015-GRO-W,,(1,20)*	G:\Org\PE1\Methods\21120	5	20	1	20	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.43r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.44r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.45r	CCV_0106PE145r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1010622_b\0106PE1.46r	CCV_0106PE146r, GQC ;0106PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1010622_b\0106PE1.47r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None

Chemist

Digitally signed by
Josie Pickard
Date: 2022.02.04 13:53:56 -07:00

Energy Laboratories Inc

ANALYTICAL RUN Summary

07-Feb-22

Run ID PE 1_220110A

Run Start Date: 1/10/2022
Analyst: Josie Pickard
Ical: 0
Column ID: Rtx-502.2
Comments: Manually added numbers that are above the MDL and below the LOD per QA and client request

Instrument ID	Description
VOC1-14	2-Place Balance

Std ID	Std Name	Std Amount	Std Units	Samp Amount	Samp Units	SampType	Expiration Date
GAS220104	Unleaded Gasoline Comp. Std.(2.0uL)	2	ul			CCV	6/7/2023
GQC201214	Gasoline Composite Mix (1.68uL)	1.68	ul			LCS, MS/M	4/2/2030
GROS200921	Gro Stock Standard Mt.Gro	0.84	ul			Marker	3/28/2029
SHP0292	VOA 1:1 HCl:H2O Solution	3	drops			CCV, LCS,	12/15/2025
TFT220106	TFT (1.05uL)	1.05	ul			SURR	9/10/2029

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971575	CCV_0110PE10	HC-8015-GRO-	SAMP		1/10/2022 9:47:3	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	235.674	235.674		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	235.674	235.674		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	245.5408	245.5408		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.09797	21.09797		25	0	0	0.0743	1	0	84%	70	130	0%	
GRO as Gasoline	X	ug/L	235.674	235.674		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971576	CCV_0110PE10	HC-8015-GRO-	CCV		1/10/2022 10:21:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	178.0196	178.0196		168	0	0	2.32	20	0	106%	80	120	0%	
Gasoline Range Organics (GRO)	A	ug/L	178.0196	178.0196		168	0	0	2.32	20	0	106%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	213.6681	213.6681		200	0	0	3.56	20	0	107%	80	120	0%	
Trifluorotoluene	S	ug/L	23.89856	23.89856		25	0	0	0.0743	1	0	96%	80	120	0%	
GRO as Gasoline	X	ug/L	178.0196	178.0196		0	0	0	2.32	20	0	0%	0	0	0%	

1

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971576	CCV_0110PE10	HC-8015-GRO-	CCV		1/10/2022 10:21:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971577	LCS_0110PE10	HC-8015-GRO-	LCS		1/10/2022 10:56:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	170.5742	170.5742		0	0	0	2.32	20	0	0%	78	122	0%	
Gasoline Range Organics (GRO)	A	ug/L	170.5742	170.5742		170	0	0	2.32	20	0	100%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	203.3931	203.3931		200	0	0	3.56	20	0	102%	70	130	0%	
Trifluorotoluene	S	ug/L	23.1996	23.1996		25	0	0	0.0743	1	0	93%	70	130	0%	
GRO as Gasoline	X	ug/L	170.5742	170.5742		170	0	0	2.32	20	0	100%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971578	MBLK_0110PE	HC-8015-GRO-	MBLK		1/10/2022 11:30:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
GRO as Gasoline	A	ug/L	0	0		0	0	0	2.32	10	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	2.337289	0		0	0	0	3.56	10	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.11475	21.11475		25	0	0	0.0743	1	0	84%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971579	B22010262-003	HC-8015-GRO-	SAMP		1/10/2022 12:04:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.10054	20.10054		25	0	0	0.0743	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971580	B22010262-001	HC-8015-GRO-	SAMP		1/10/2022 12:38:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	U
Trifluorotoluene	S	ug/L	20.41609	20.41609		25	0	0	0.0743	1	0	82%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	U

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971581	B22010262-001	HC-8015-GRO-	MS		1/10/2022 1:47:2	1	R372969		1E+07	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	170.3454	170.3454		170	0	0	2.32	20	0	100%	78	122	0%	
Gasoline Range Organics (GRO)	A	ug/L	170.3454	170.3454		170	0	0	2.32	20	0	100%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	202.5561	202.5561		200	0	0	3.56	20	0	101%	70	130	0%	
Trifluorotoluene	S	ug/L	22.98555	22.98555		25	0	0	0.0743	1	0	92%	70	130	0%	
GRO as Gasoline	X	ug/L	170.3454	170.3454		0	0	0	2.32	20	0	0%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971582	B22010262-001	HC-8015-GRO-	MSD		1/10/2022 2:21:3	1	R372969		1E+07	1E+07	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	164.6778	164.6778		170	0	170.3454	2.32	20	0	97%	78	122	3%	
Gasoline Range Organics (GRO)	A	ug/L	164.6778	164.6778		170	0	170.3454	2.32	20	0	97%	70	130	3%	
Total Purgeable Hydrocarbons	A	ug/L	196.4085	196.4085		200	0	202.5561	3.56	20	0	98%	70	130	3%	
Trifluorotoluene	S	ug/L	23.16696	23.16696		25	0	0	0.0743	1	0	93%	70	130	0%	
GRO as Gasoline	X	ug/L	164.6778	164.6778		0	0	170.3454	2.32	20	0	0%	70	130	3%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971583	B22010211-001	HC-8015-GRO-	SAMP		1/10/2022 3:29:5	5	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	52.68246	263.4123		0	0	0	11.6	100	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	52.68246	263.4123		0	0	0	11.6	100	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	695.2564	3476.282		0	0	0	17.8	100	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.35034	101.7517		125	0	0	0.3715	5	0	81%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971583	B22010211-001	HC-8015-GRO-	SAMP		1/10/2022 3:29:5	5	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
GRO as Gasoline	X	ug/L	52.68246	263.4123		0	0	0	11.6	100	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971584	B22010211-001	HC-8015-GRO-	SAMP		1/10/2022 5:12:3	5	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	34.41232	172.0616		0	0	0	11.6	100	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	34.41232	172.0616		0	0	0	11.6	100	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	476.4758	2382.379		0	0	0	17.8	100	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.63234	103.1617		125	0	0	0.3715	5	0	83%	70	130	0%	
GRO as Gasoline	X	ug/L	34.41232	172.0616		0	0	0	11.6	100	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971585	B22010370-001	HC-8015-GRO-	SAMP		1/10/2022 6:55:3	20	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	59.04355	1180.871		0	0	0	46.4	400	0	0%	0	0	0%	
GRO as Gasoline	A	ug/L	59.04355	1180.871		0	0	0	71.2	400	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	154.69635	3093.927		0	0	0	46.4	400	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.531415	410.6283		500	0	0	1.486	20	0	82%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971586	B22010370-002	HC-8015-GRO-	SAMP		1/10/2022 8:03:4	5	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	55.8519	279.2595		0	0	0	11.6	100	0	0%	0	0	0%	
GRO as Gasoline	A	ug/L	55.8519	279.2595		0	0	0	17.8	100	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	265.0728	1325.364		0	0	0	11.6	100	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	21.38714	106.9357		125	0	0	0.3715	5	0	86%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971587	CCV_0110PE12	HC-8015-GRO-	SAMP		1/10/2022 9:12:1	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971587	CCV_0110PE12	HC-8015-GRO-	SAMP		1/10/2022 9:12:1	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	222.6986	222.6986		0	0	0	2.32	20	0	0%	0	0	0%	
Gasoline Range Organics (GRO)	A	ug/L	222.6986	222.6986		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	232.6487	232.6487		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.46879	20.46879		25	0	0	0.0743	1	0	82%	70	130	0%	
GRO as Gasoline	X	ug/L	222.6986	222.6986		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971588	CCV_0110PE12	HC-8015-GRO-	CCV		1/10/2022 9:46:2	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
C6 to C10	A	ug/L	177.5987	177.5987		168	0	0	2.32	20	0	106%	80	120	0%	
Gasoline Range Organics (GRO)	A	ug/L	177.5987	177.5987		168	0	0	2.32	20	0	106%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	213.8293	213.8293		200	0	0	3.56	20	0	107%	80	120	0%	
Trifluorotoluene	S	ug/L	23.21577	23.21577		25	0	0	0.0743	1	0	93%	80	120	0%	
GRO as Gasoline	X	ug/L	177.5987	177.5987		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971589	LCS_0110PE12	HC-8015-GRO-	LCS		1/10/2022 10:20:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	155.3741	155.3741		170	0	0	2.32	20	0	91%	70	130	0%	
Total Purgeable Hydrocarbons	A	ug/L	185.1971	185.1971		200	0	0	3.56	20	0	93%	70	130	0%	
Trifluorotoluene	S	ug/L	22.567	22.567		25	0	0	0.0743	1	0	90%	70	130	0%	
GRO as Gasoline	X	ug/L	155.3741	155.3741		170	0	0	2.32	20	0	91%	70	130	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971590	MBLK_0110PE	HC-8015-GRO-	MBLK		1/10/2022 10:54:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.03889	20.03889		25	0	0	0.0743	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971591	B22010249-001	HC-8015-GRO-	SAMP		1/10/2022 11:29:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.91364	19.91364		25	0	0	2.32	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971592	B22010249-002	HC-8015-GRO-	SAMP		1/11/2022 12:37:	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.78502	19.78502		25	0	0	2.32	1	0	79%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971593	B22010249-003	HC-8015-GRO-	SAMP		1/11/2022 1:46:2	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.5952	20.5952		25	0	0	2.32	1	0	82%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971594	B22010249-004	HC-8015-GRO-	SAMP		1/11/2022 2:54:4	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.47658	20.47658		25	0	0	2.32	1	0	82%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971595	B22010249-005	HC-8015-GRO-	SAMP		1/11/2022 4:03:1	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.63988	19.63988		25	0	0	2.32	1	0	79%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971596	B22010249-006	HC-8015-GRO-	SAMP		1/11/2022 5:11:4	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.07228	20.07228		25	0	0	2.32	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971597	B22010249-007	HC-8015-GRO-	SAMP		1/11/2022 6:20:2	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	19.82529	19.82529		25	0	0	2.32	1	0	79%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971598	B22010249-008	HC-8015-GRO-	SAMP		1/11/2022 7:28:5	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	0	0		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	0	0		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.30432	20.30432		25	0	0	2.32	1	0	81%	70	130	0%	
GRO as Gasoline	X	ug/L	0	0		0	0	0	0.0743	20	0	0%	0	0	0%	

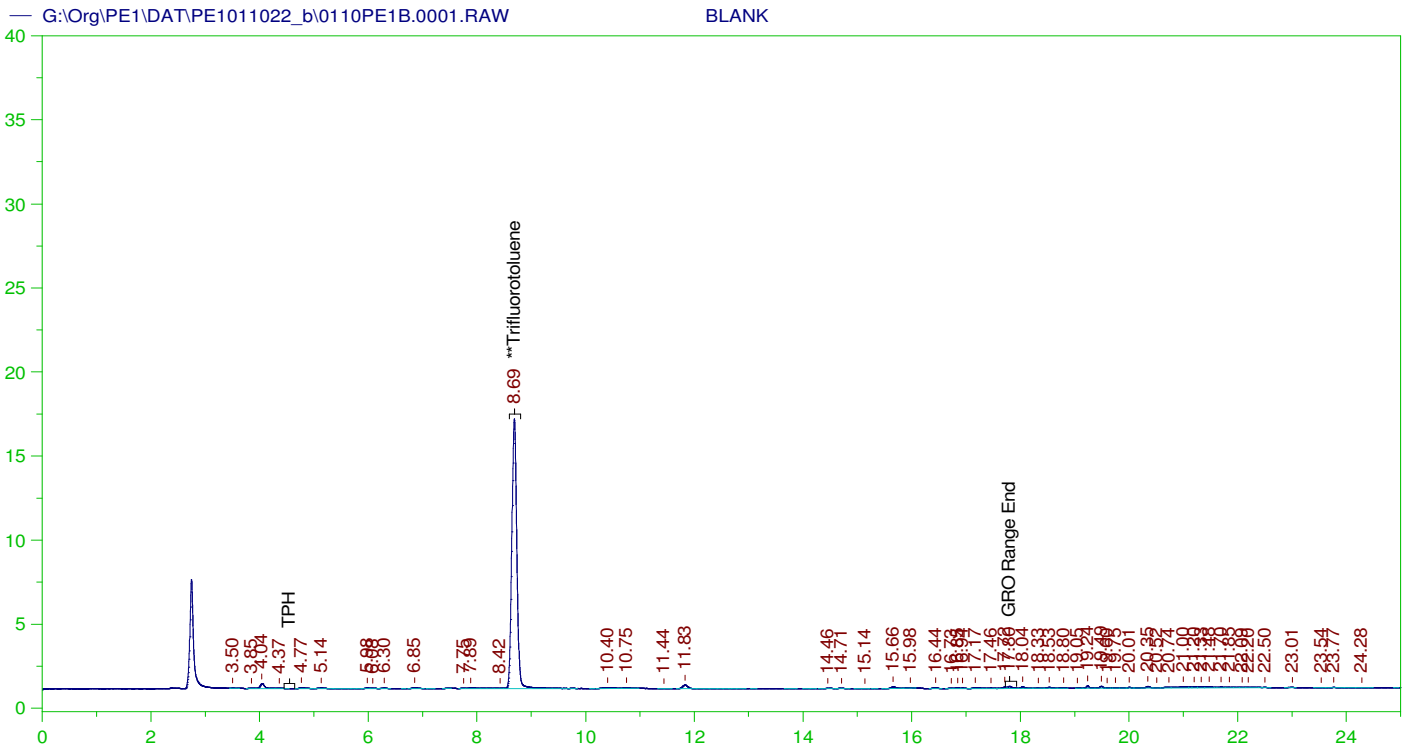
Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971599	CCV_0110PE14	HC-8015-GRO-	SAMP		1/11/2022 8:37:2	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	228.1337	228.1337		0	0	0	2.32	20	0	0%	0	0	0%	
Total Purgeable Hydrocarbons	A	ug/L	237.9742	237.9742		0	0	0	3.56	20	0	0%	0	0	0%	
Trifluorotoluene	S	ug/L	20.03816	20.03816		25	0	0	0.0743	1	0	80%	70	130	0%	
GRO as Gasoline	X	ug/L	228.1337	228.1337		0	0	0	2.32	20	0	0%	0	0	0%	

Seq No	Lab ID	Test Code	Sample Typ	File ID	Analysis Date	DF	Batch ID	Prep Date	SPKref	RPDref	pmoist
14971600	CCV_0110PE14	HC-8015-GRO-	CCV		1/11/2022 9:11:3	1	R372969		0	0	

Analyte	T	Units	RAW	Final	Text	Spike	SPKref	RPDref	MDL	PQL	UQL	%REC	LOW	HIGH	%RPD	Q
Gasoline Range Organics (GRO)	A	ug/L	173.5146	173.5146		168	0	0	2.32	20	0	103%	80	120	0%	
Total Purgeable Hydrocarbons	A	ug/L	208.5436	208.5436		200	0	0	3.56	20	0	104%	80	120	0%	
Trifluorotoluene	S	ug/L	23.4024	23.4024		25	0	0	0.0743	1	0	94%	80	120	0%	
GRO as Gasoline	X	ug/L	173.5146	173.5146		0	0	0	2.32	20	0	0%	0	0	0%	

Write Sequence Data File	Insert Entries(Have the first cell for entries selecte Sample Name	Method	Weight	Dil Factor	Amt Inj.	IS	Cal ID
G:\Org\PE1\DAT\PE1011022_b\0110PE1.01r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.02r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.03r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.04r	CCV_0110PE104r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.05r	CCV_0110PE105r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.06r	LCS_0110PE106r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.07r	MBLK_0110PE107r, QC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.08r	B22010262-003A ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.09r	B22010262-001G ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.10r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.11r	B22010262-001GMS, GQC ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.12r	B22010262-001GMSD, GQC ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.13r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.14r	B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)	G:\Org\PE1\Methods\21120	5	5	1	5	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.15r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.16r	*B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,20)*	G:\Org\PE1\Methods\21120	5	20	1	20	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.17r	B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)	G:\Org\PE1\Methods\21120	5	5	1	5	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.18r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.19r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.20r	B22010370-001H ;0110PE1 , $HC-8015-GRO-W,,(1,20)	G:\Org\PE1\Methods\21120	5	20	1	20	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.21r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.22r	B22010370-002H ;0110PE1 , $HC-8015-GRO-W,,(1,5)	G:\Org\PE1\Methods\21120	5	5	1	5	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.23r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.24r	CCV_0110PE124r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.25r	CCV_0110PE125r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.26r	LCS_0110PE126r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.27r	MBLK_0110PE127r, QC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.28r	B22010249-001E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.29r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.30r	B22010249-002G ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.31r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.32r	B22010249-003E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.33r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.34r	B22010249-004E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.35r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.36r	B22010249-005E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.37r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.38r	B22010249-006E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.39r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.40r	B22010249-007E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.41r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.42r	B22010249-008E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.43r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.44r	CCV_0110PE144r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0
G:\Org\PE1\DAT\PE1011022_b\0110PE1.45r	CCV_0110PE145r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0



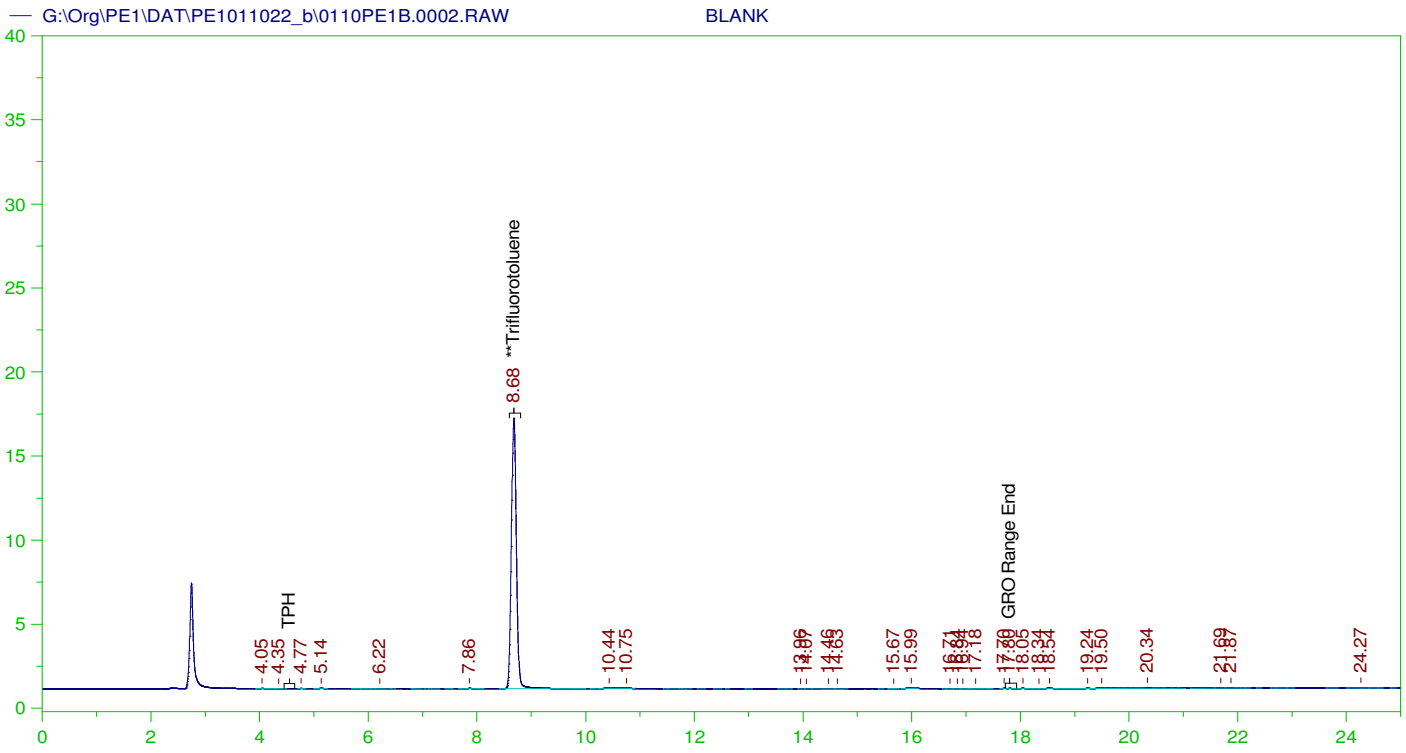
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0001.RAW
Date & Time Acquired: 1/10/2022 8:04:58 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.688	125.	109.189	87.35	-

GRO Area:8116.221 GRO Amount: 8.579806
TPH Area:17291.43 TPH Amount: 19.01428



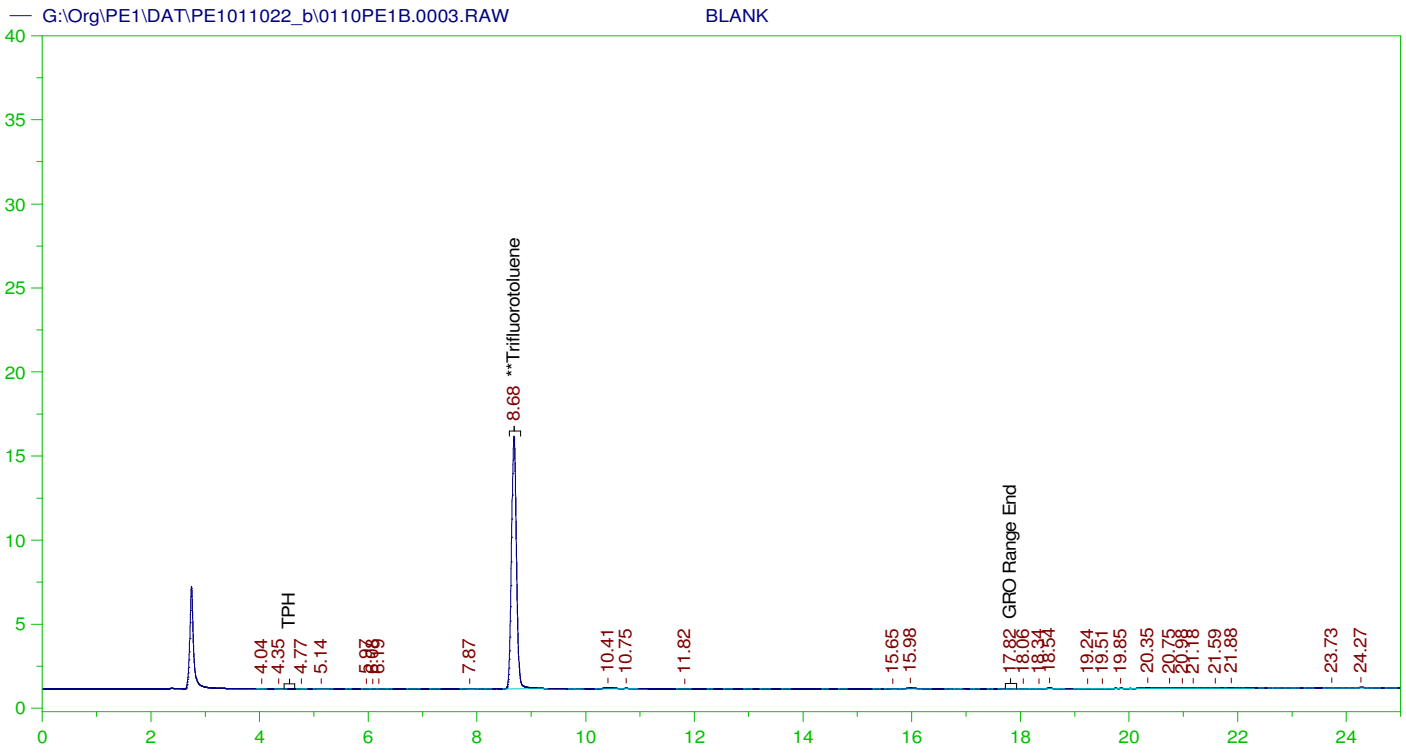
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0002.RAW
Date & Time Acquired: 1/10/2022 8:39:08 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.68	125.	109.68	87.74	-

GRO Area:2425.533 GRO Amount: 2.564075
TPH Area:4141.95 TPH Amount: 4.554639



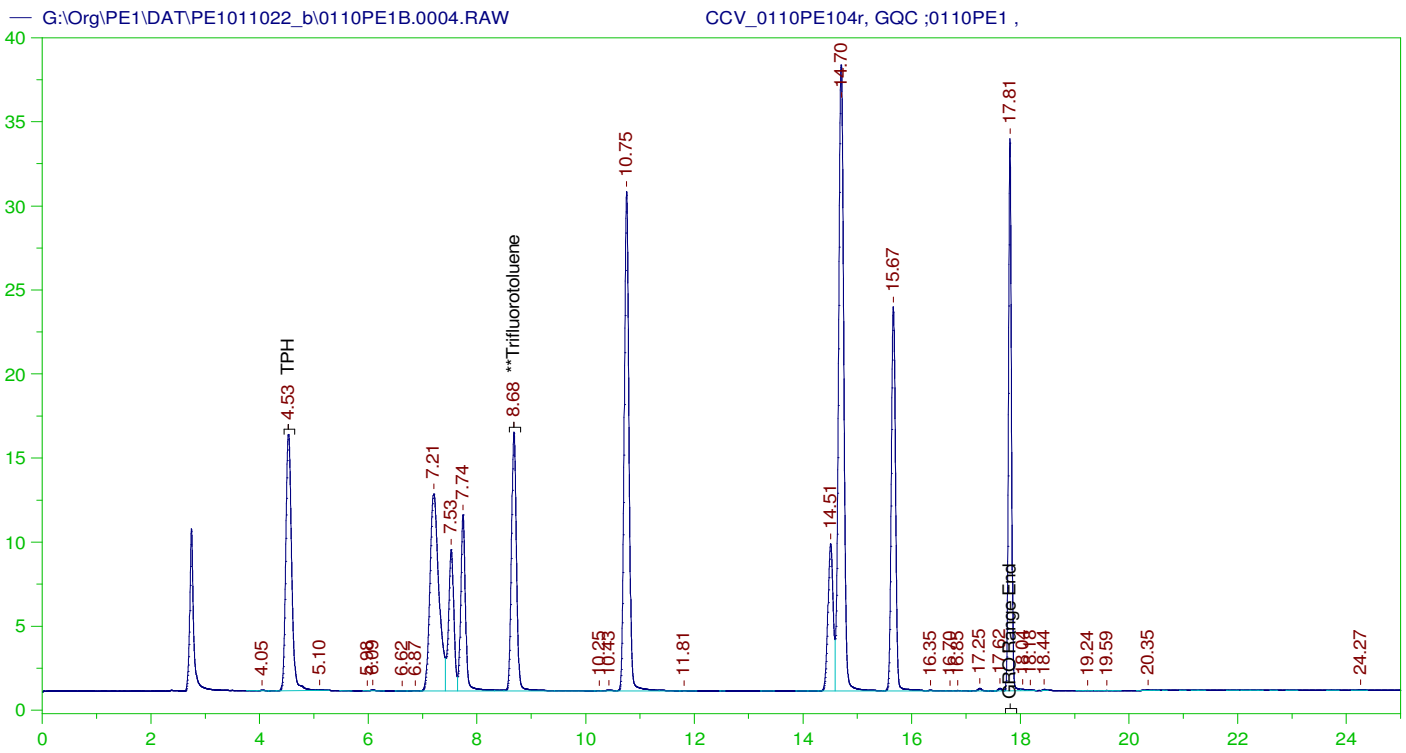
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0003.RAW
Date & Time Acquired: 1/10/2022 9:13:20 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	125.	101.704	81.36	-

GRO Area:2967.214 GRO Amount: 3.136697
TPH Area:5059.108 TPH Amount: 5.563179



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0110PE104r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0004.RAW
Date & Time Acquired: 1/10/2022 9:47:33 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	125.	105.49	84.39	-

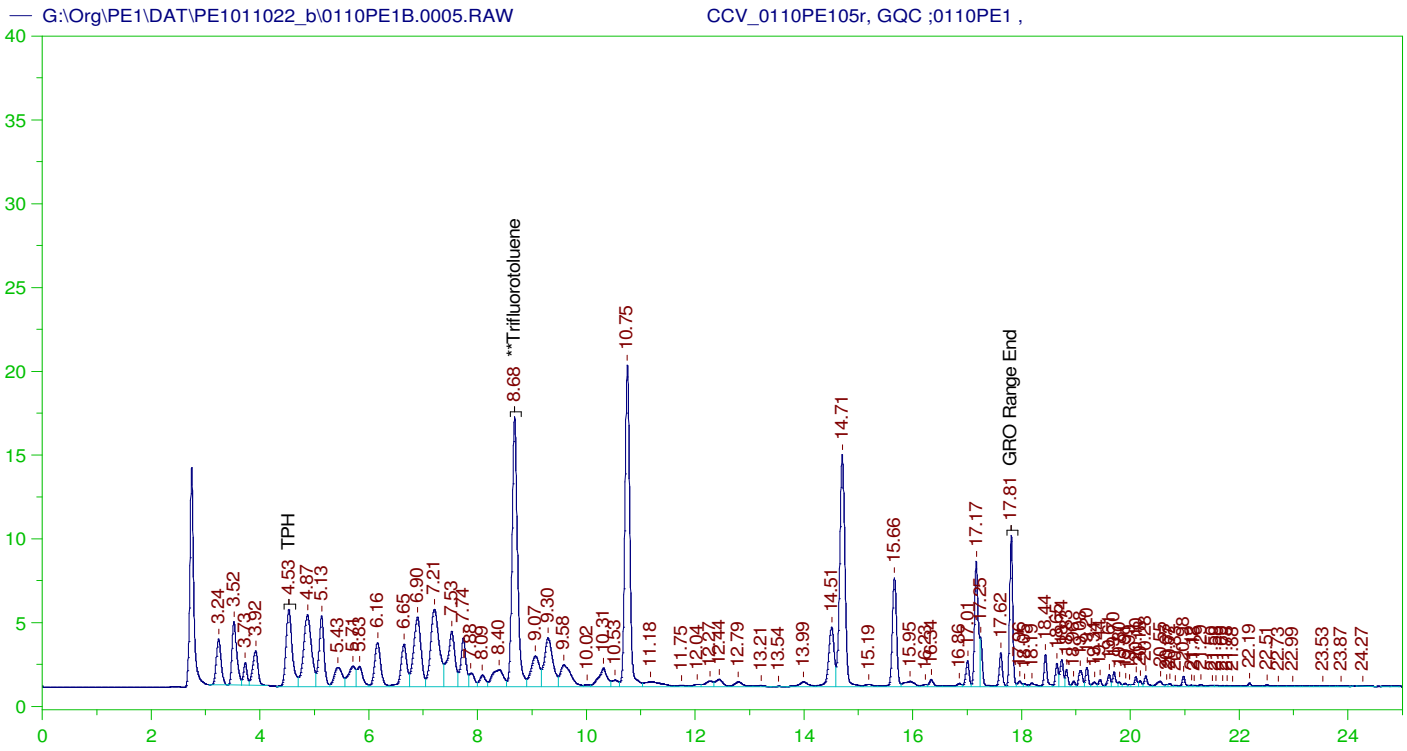
GRO Area:1114700 GRO Amount: 1178.37
TPH Area:1116464 TPH Amount: 1227.704

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0004.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1178.37	140.28	85-115
TPH	1000.	1227.7	122.77	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.681	125.	105.49	84.39	85-115

G:\org\PE1\dat\PE1011022_b\Review\004_CCV_0110PE104r_211208GROB.xls



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0110PE105r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0005.RAW
Date & Time Acquired: 1/10/2022 10:21:47 AM
Method File: G:\Org\PE1\Methods\211208GCCV0110_05B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	119.493	95.59	-

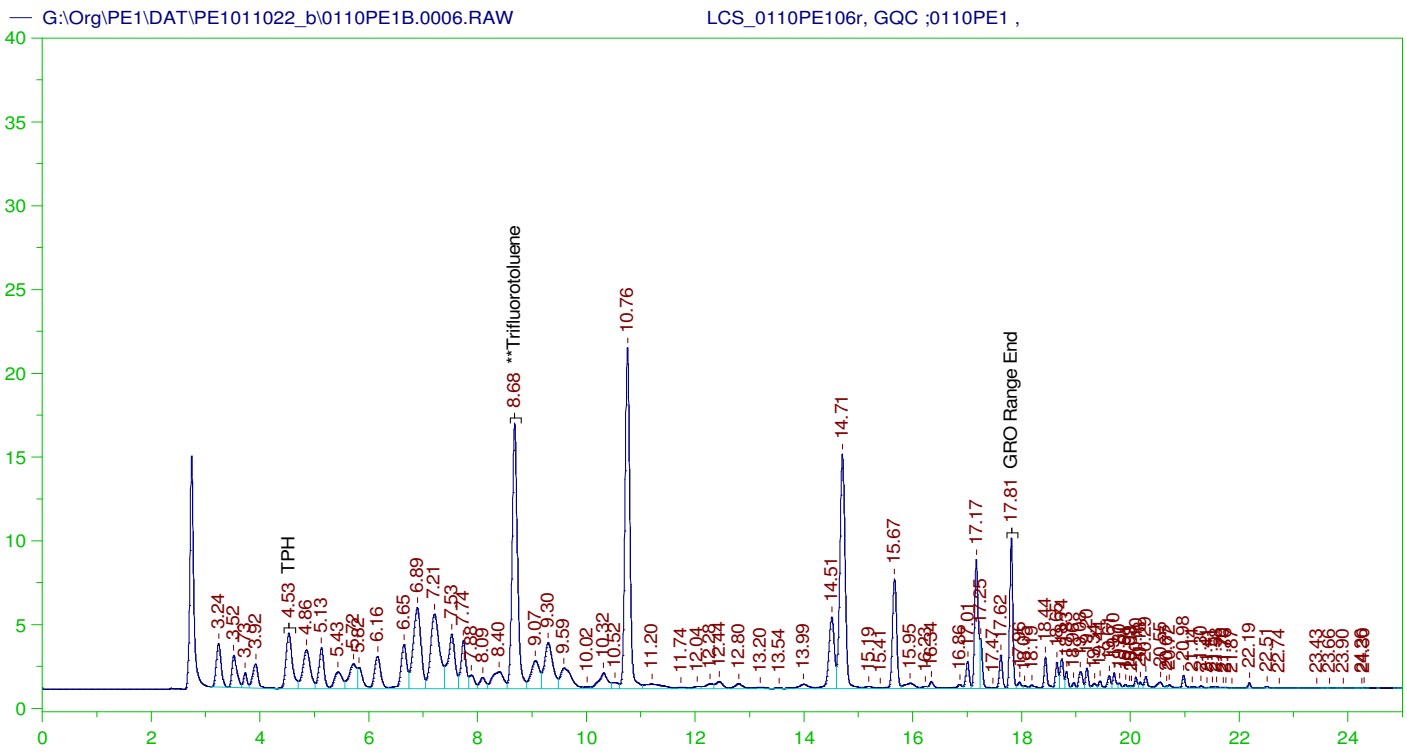
GRO Area:842004.1 GRO Amount: 890.098
TPH Area:971539.8 TPH Amount: 1068.341

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0005.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	890.1	105.96	85-115
TPH	1000.	1068.34	106.83	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.682	125.	119.493	95.59	85-115

G:\org\PE1\dat\PE1011022_b\Review\005_CCV_0110PE105r_211208GCCV0110_05B%.xls



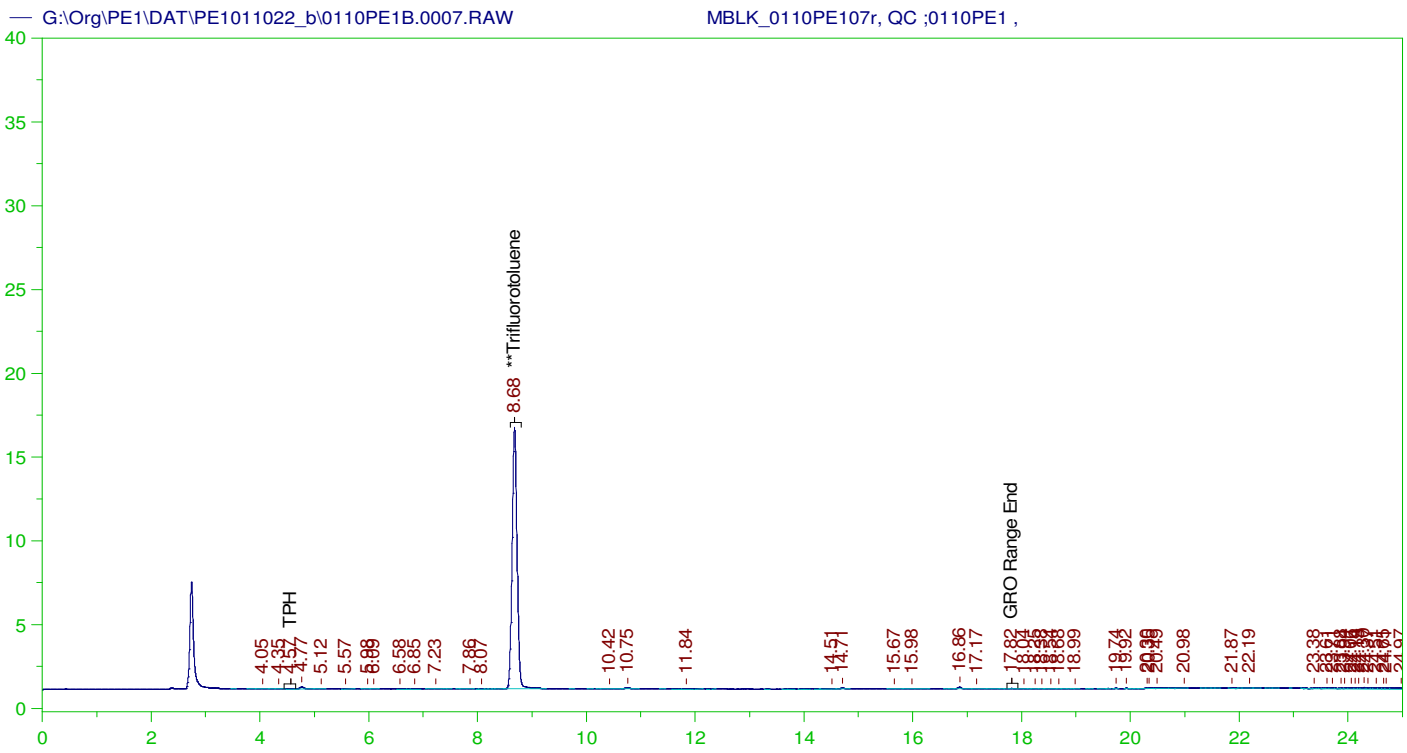
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: LCS_0110PE106r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0006.RAW
Date & Time Acquired: 1/10/2022 10:56:04 AM
Method File: G:\Org\PE1\Methods\211208GLCS0110_06B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	25.	23.2	92.8	-

GRO Area:806788.4 GRO Amount: 170.5742
TPH Area:924819.8 TPH Amount: 203.3931



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

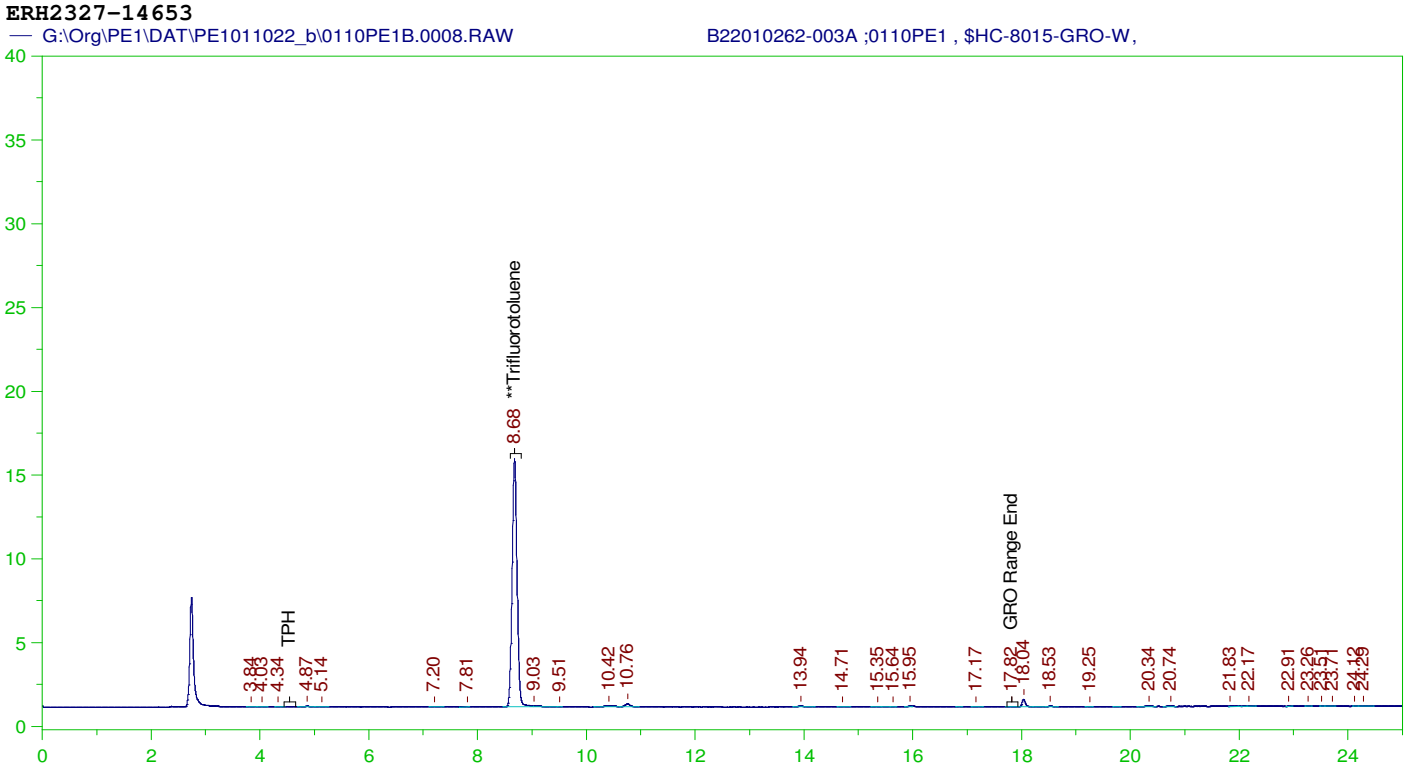
Sample Name: MBLK_0110PE107r, QC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0007.RAW
Date & Time Acquired: 1/10/2022 11:30:18 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	25.	21.115	84.46	-

GRO Area:5026.551 GRO Amount: 1.062732
TPH Area:10627.55 TPH Amount: 2.337289

ERH2327-14653



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010262-003A ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0008.RAW
Date & Time Acquired: 1/10/2022 12:04:34 PM
Method File: G:\Org\PE1\Methods\211208G262-3B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

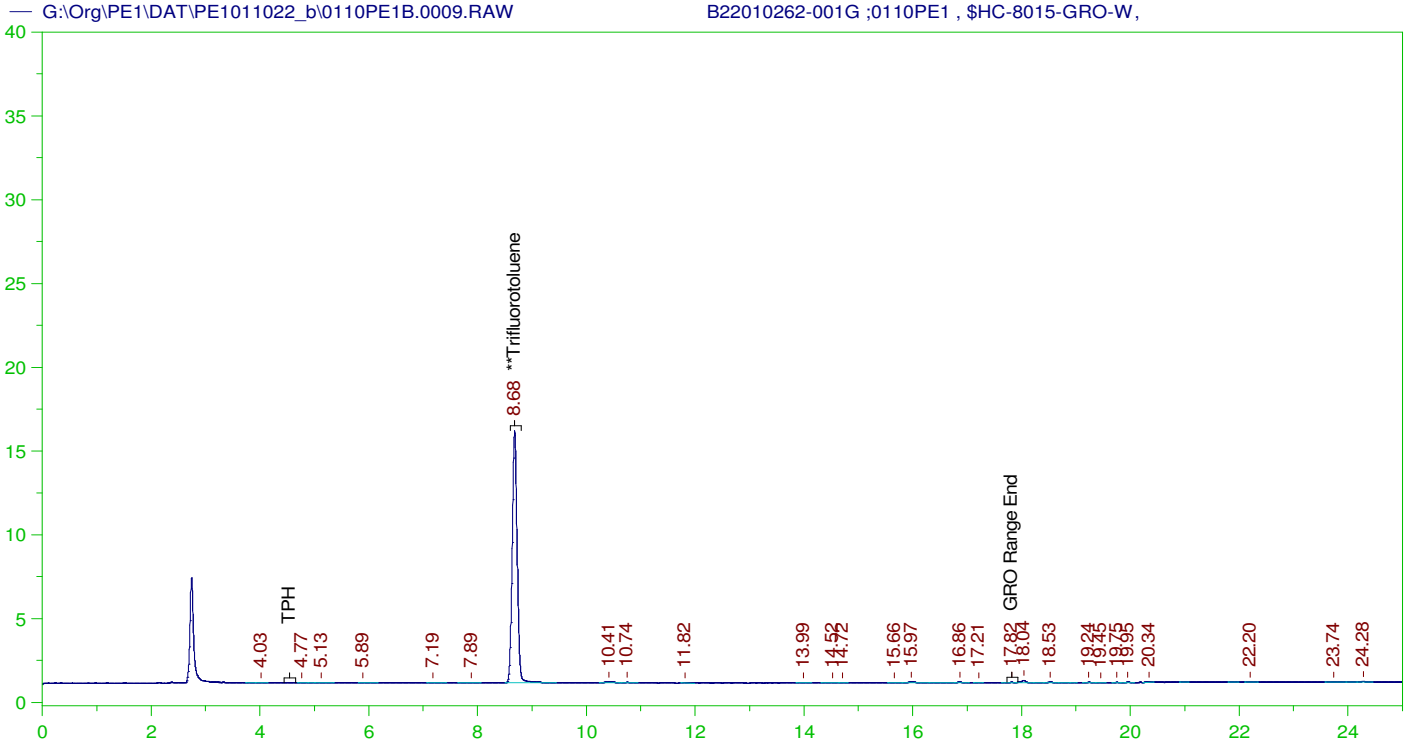
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	25.	20.101	80.4	-

GRO Area:4546.827 GRO Amount: 0.9613069
TPH Area:8040.969 TPH Amount: 1.768429

ERH2328 (RHMW03)

G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0009.RAW B22010262-001G ;0110PE1 , $HC-8015-GRO-W,



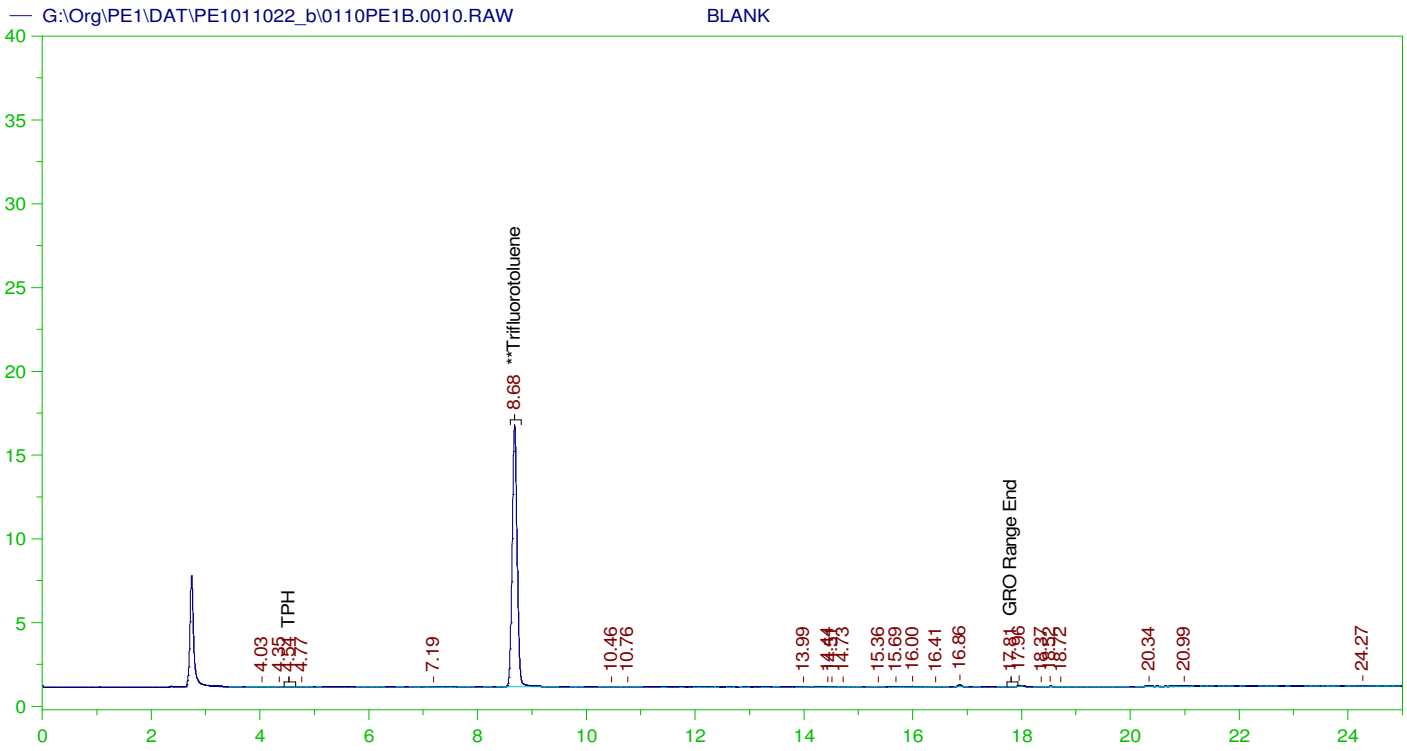
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010262-001G ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0009.RAW
Date & Time Acquired: 1/10/2022 12:38:55 PM
Method File: G:\Org\PE1\Methods\211208G262-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	25.	20.416	81.66	-

GRO Area:3500.016 GRO Amount: 0.7399863
TPH Area:5900.854 TPH Amount: 1.297759



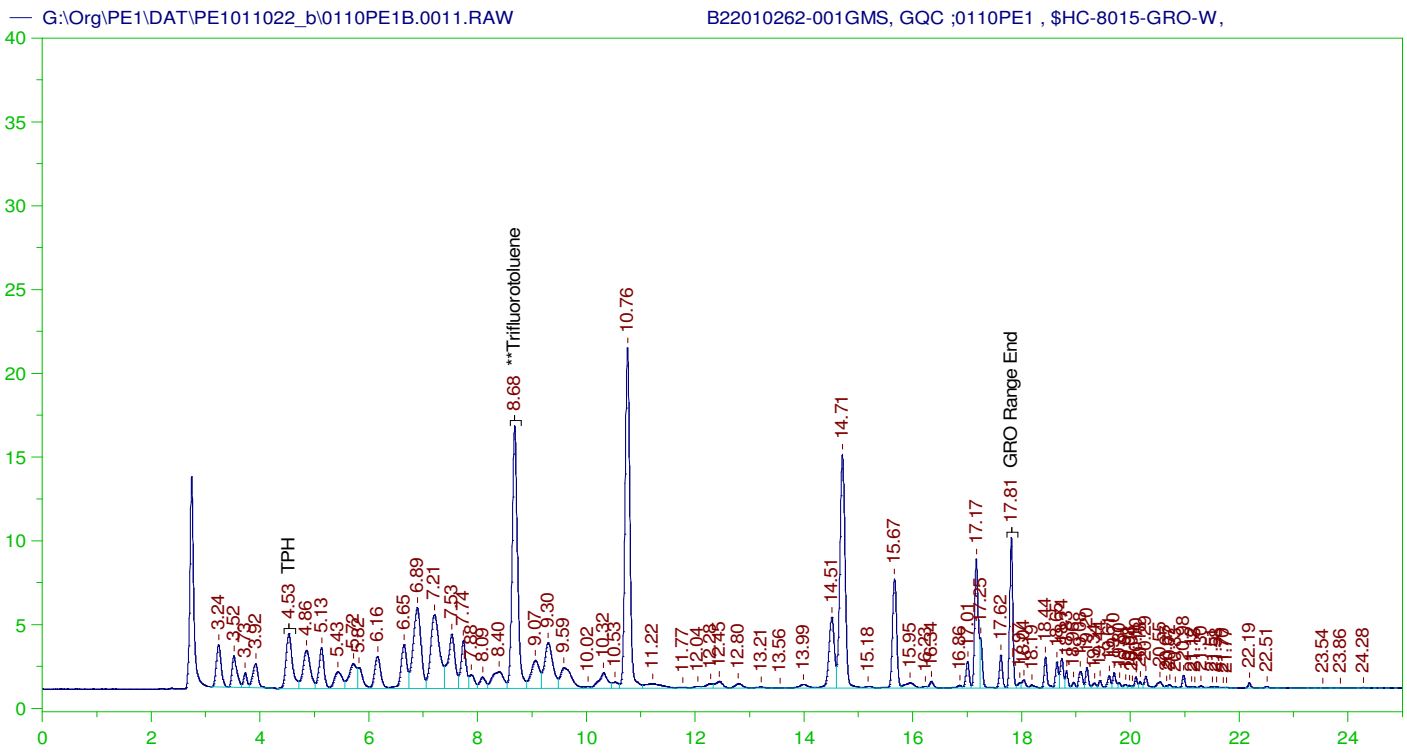
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0010.RAW
Date & Time Acquired: 1/10/2022 1:13:16 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	106.084	84.87	-

GRO Area:4049.482 GRO Amount: 4.280782
TPH Area:5966.949 TPH Amount: 6.561475



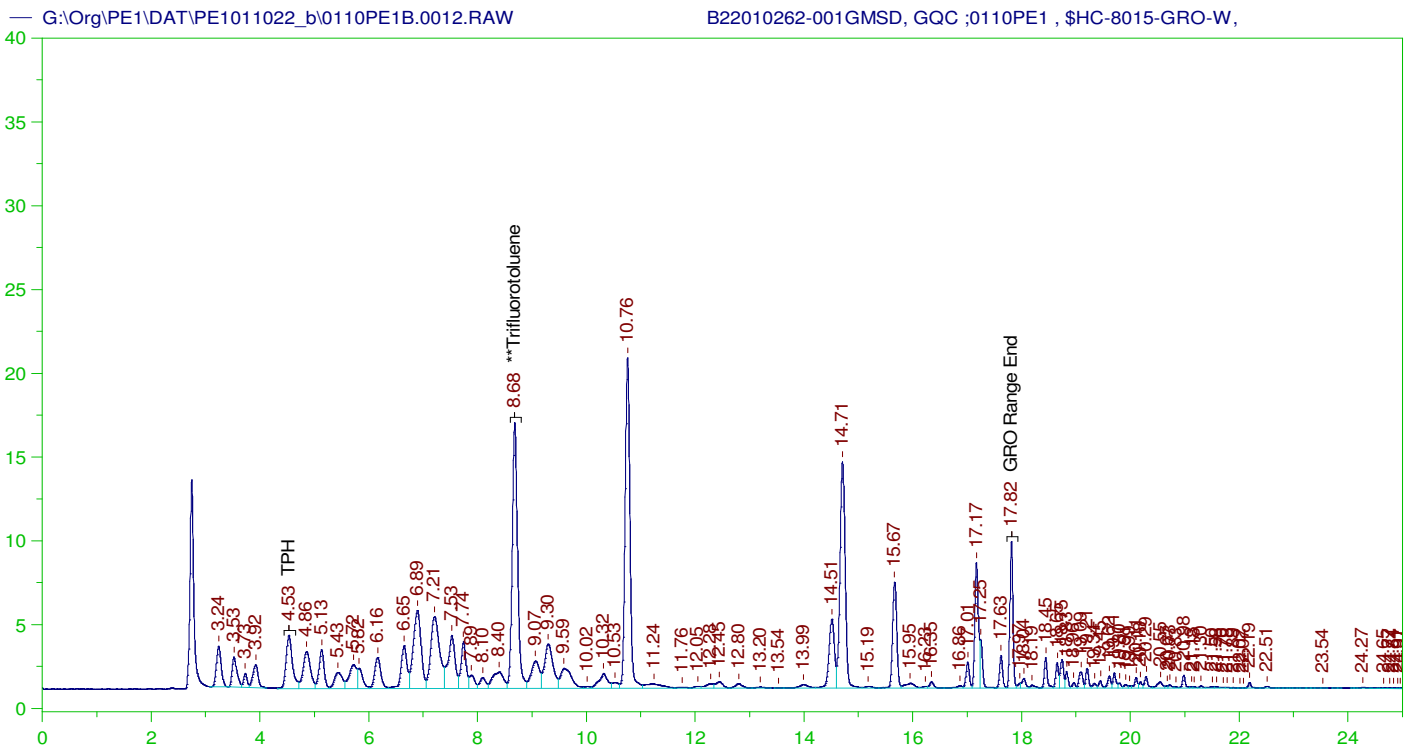
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010262-001GMS, GQC ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0011.RAW
Date & Time Acquired: 1/10/2022 1:47:26 PM
Method File: G:\Org\PE1\Methods\211208G262-1MSB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	25.	22.986	91.94	-

GRO Area:805706.1 GRO Amount: 170.3454
TPH Area:921014.1 TPH Amount: 202.5561



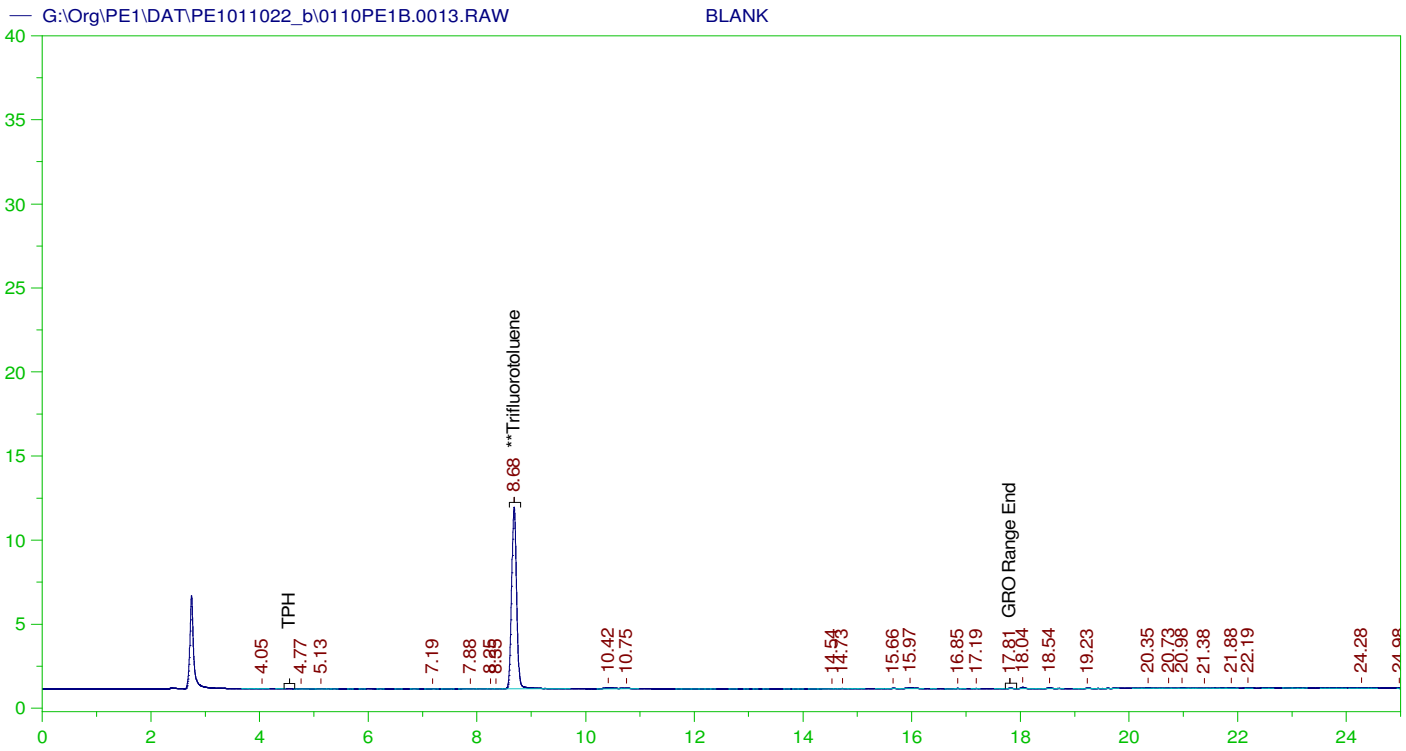
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010262-001GMSD, GQC ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0012.RAW
Date & Time Acquired: 1/10/2022 2:21:37 PM
Method File: G:\Org\PE1\Methods\211208G262-1MSDB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.685	25.	23.167	92.67	-

GRO Area:778899.4 GRO Amount: 164.6778
TPH Area:893061.1 TPH Amount: 196.4085



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0013.RAW
Date & Time Acquired: 1/10/2022 2:55:48 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

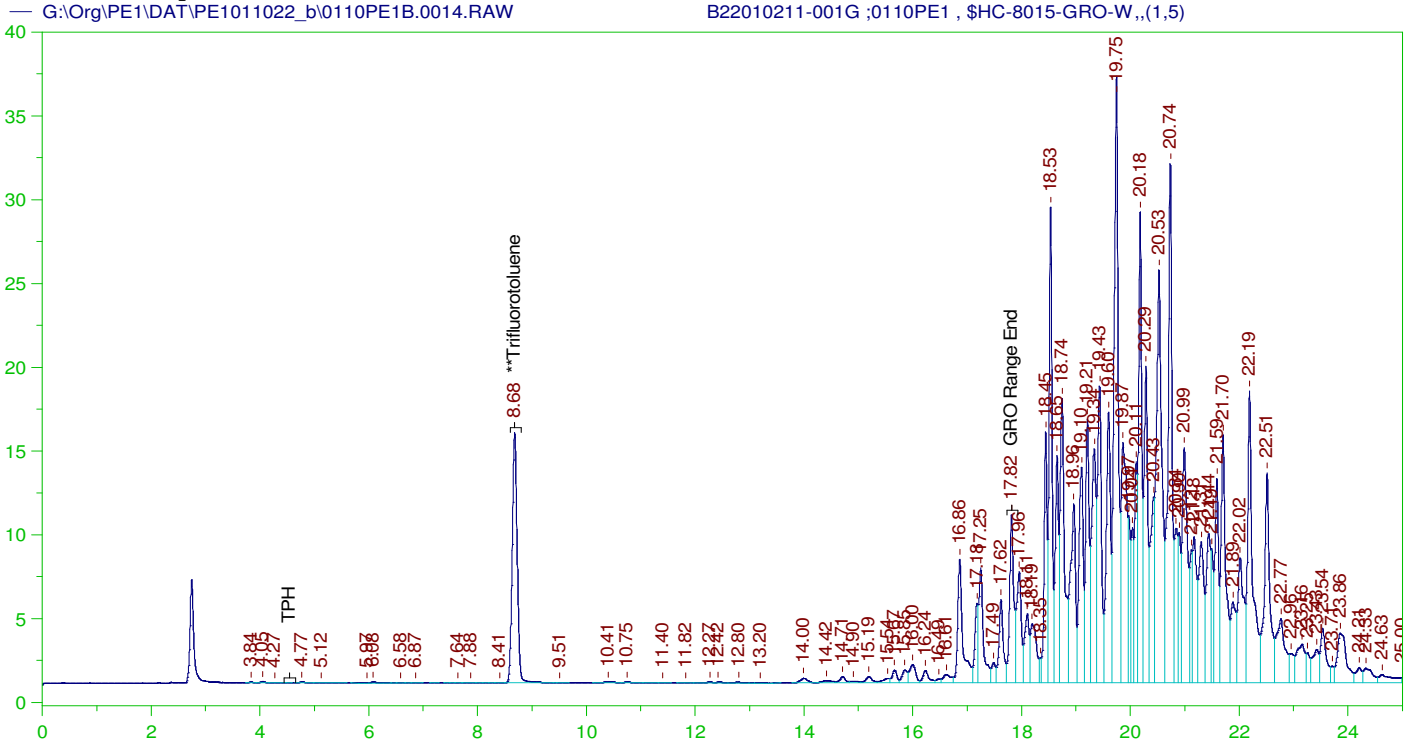
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	125.	73.44	58.75	-

GRO Area:3442.721 GRO Amount: 3.639364
TPH Area:5609.723 TPH Amount: 6.168655

ERH2336 (Sump Adit3)

G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0014.RAW B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)



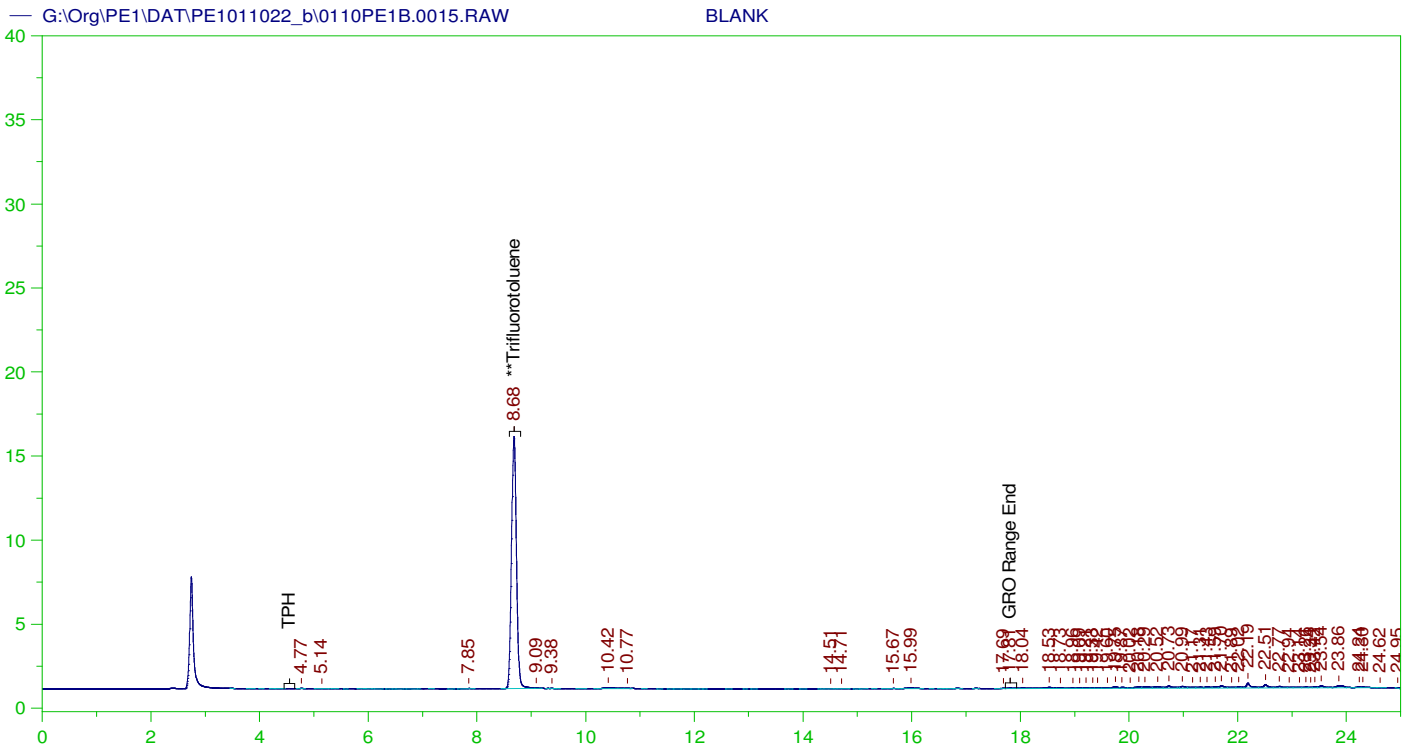
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0014.RAW
Date & Time Acquired: 1/10/2022 3:29:59 PM
Method File: G:\Org\PE1\Methods\211208G211-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 5 S.A.: 5

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	125.	101.752	81.4	-

GRO Area:249179.6 GRO Amount: 263.4123
TPH Area:3161301 TPH Amount: 3476.282



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

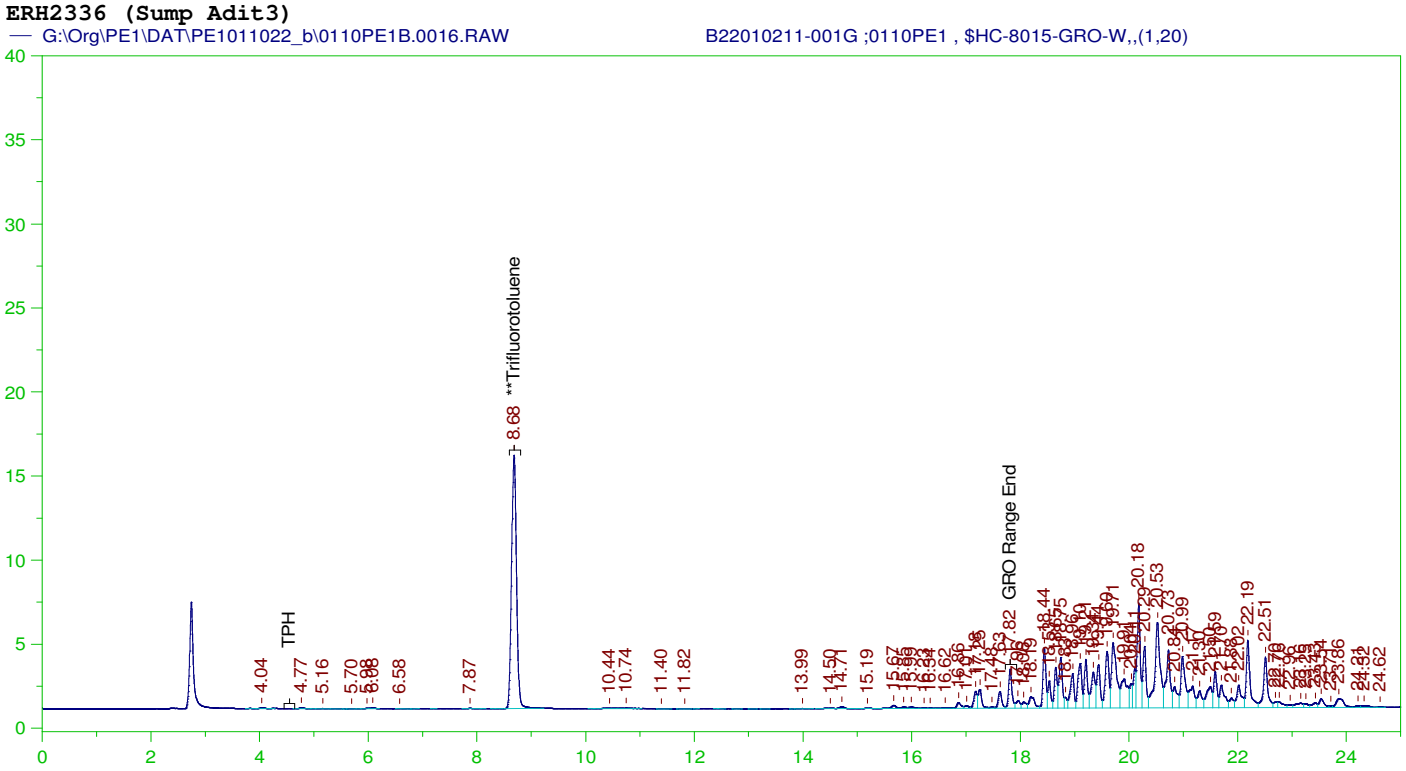
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0015.RAW
Date & Time Acquired: 1/10/2022 4:04:12 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	101.091	80.87	-

GRO Area:3087.069 GRO Amount: 3.263398
TPH Area:21883.53 TPH Amount: 24.06393

ERH2336 (Sump Adit3)



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,20)
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0016.RAW
Date & Time Acquired: 1/10/2022 4:38:27 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 20 S.A.: 20

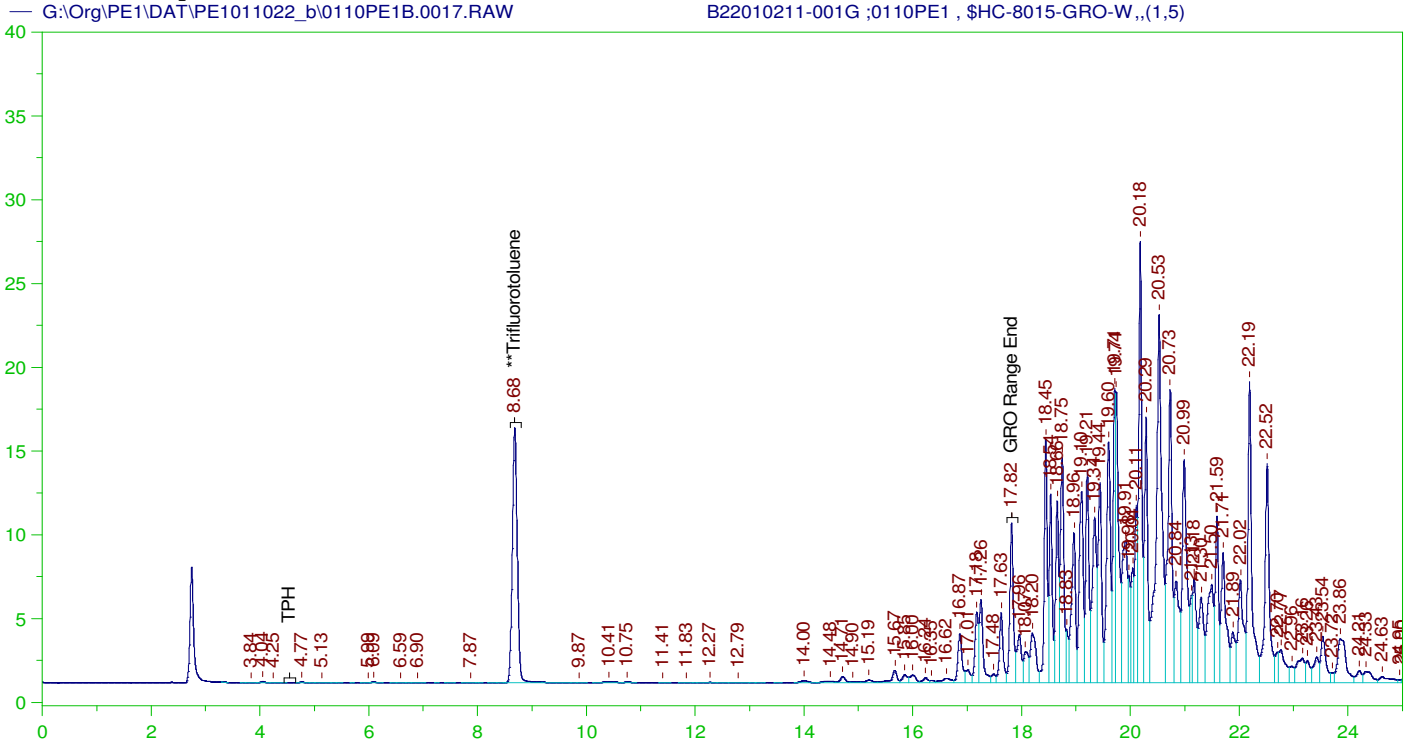
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	500.	407.093	81.42	-

GRO Area:34520.28 GRO Amount: 145.9681
TPH Area:447909.3 TPH Amount: 1970.149

ERH2336 (Sump Adit3)

G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0017.RAW B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)



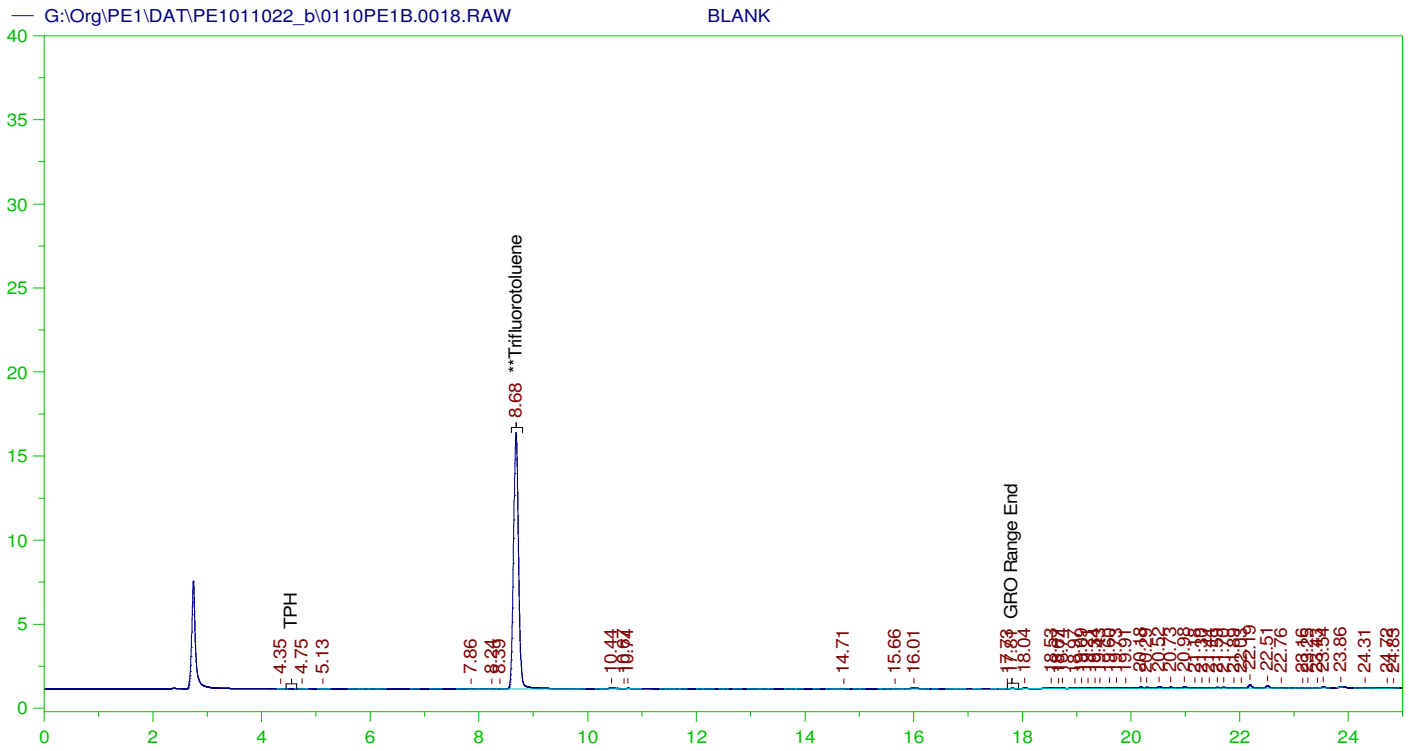
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0017.RAW
Date & Time Acquired: 1/10/2022 5:12:39 PM
Method File: G:\Org\PE1\Methods\211208G211-1AB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 5 S.A.: 5

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.685	125.	103.162	82.53	-

GRO Area:162764.8 GRO Amount: 172.0616
TPH Area:2166515 TPH Amount: 2382.379



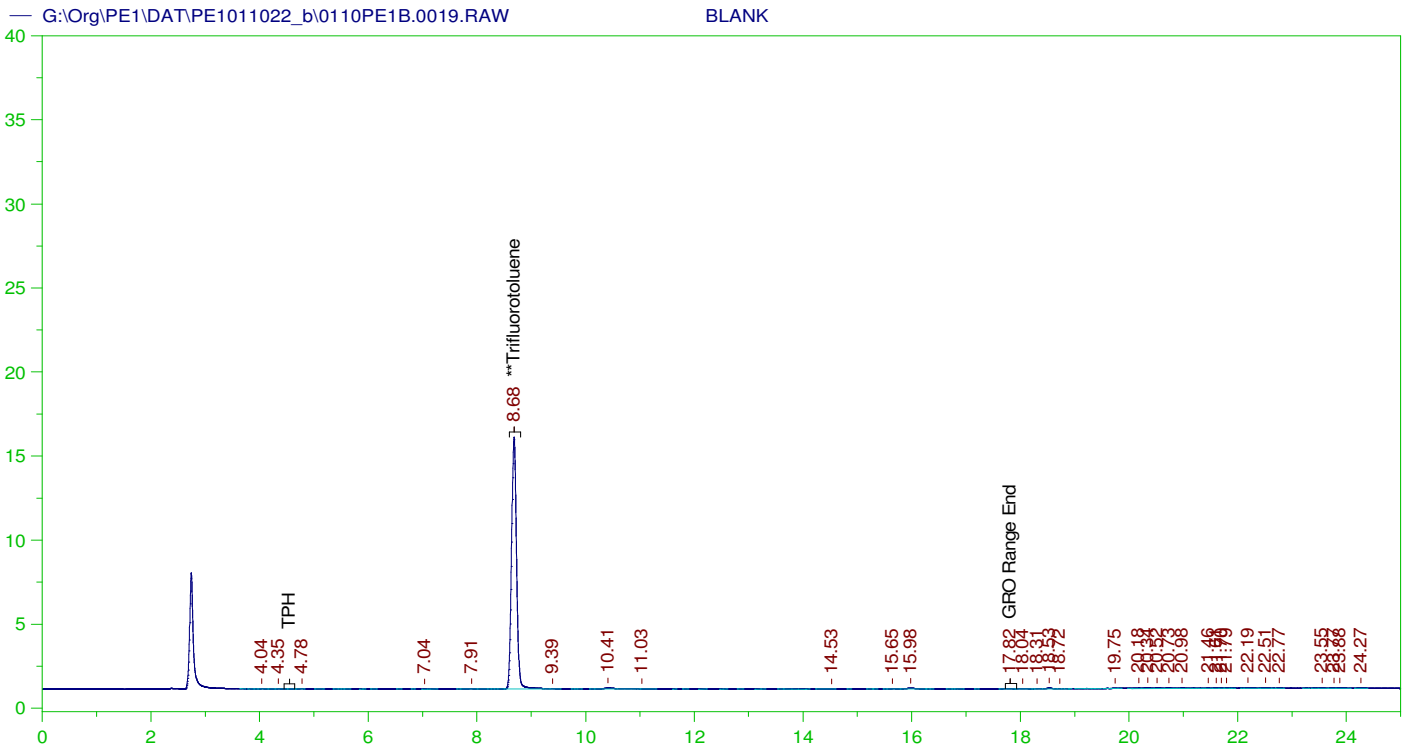
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0018.RAW
Date & Time Acquired: 1/10/2022 5:46:54 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	103.815	83.05	-

GRO Area:2584.211 GRO Amount: 2.731817
TPH Area:12985.15 TPH Amount: 14.27895



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0019.RAW
Date & Time Acquired: 1/10/2022 6:21:15 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

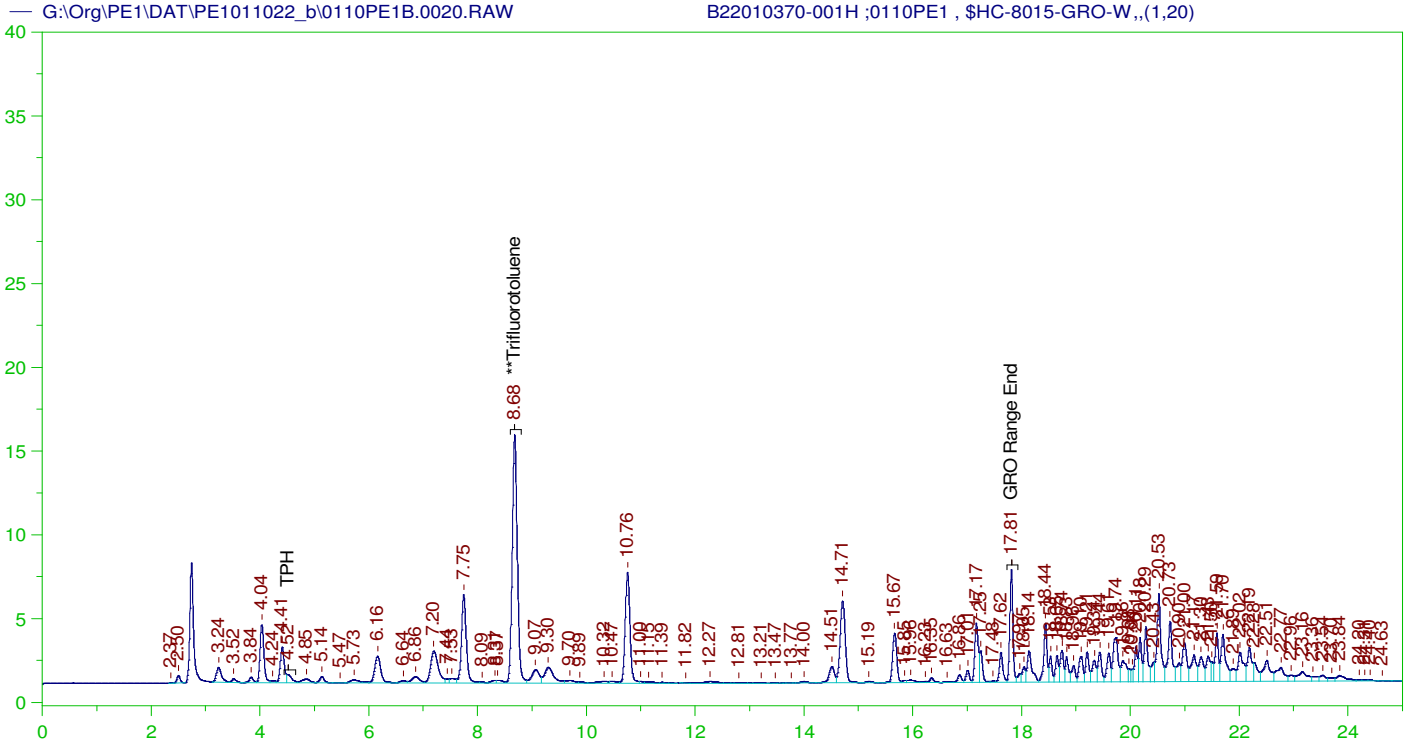
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	101.866	81.49	-

GRO Area:2952.812 GRO Amount: 3.121472
TPH Area:6433.761 TPH Amount: 7.074798

ABTU Inlet

G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0020.RAW B22010370-001H ;0110PE1 , $HC-8015-GRO-W,,(1,20)



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010370-001H ;0110PE1 , $HC-8015-GRO-W,,(1,20)
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0020.RAW
Date & Time Acquired: 1/10/2022 6:55:34 PM
Method File: G:\Org\PE1\Methods\211208G370-1B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 20 S.A.: 20

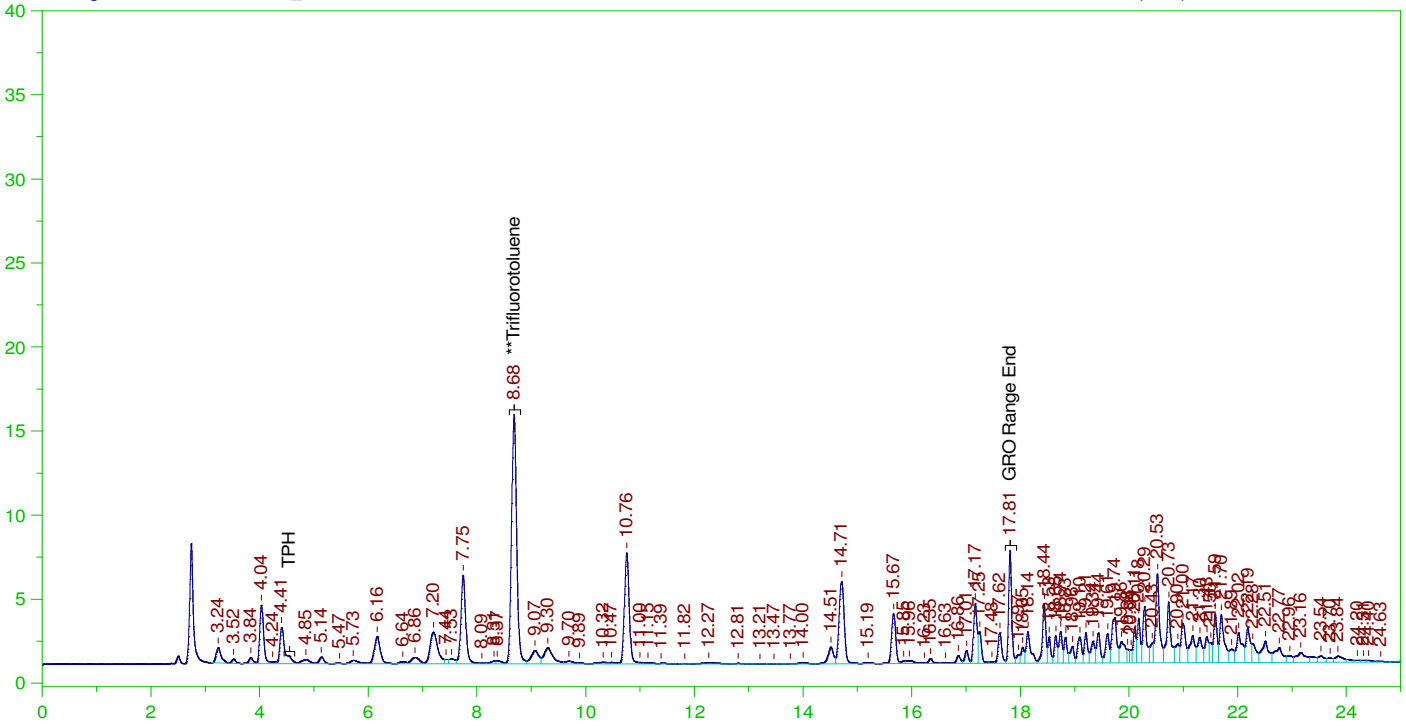
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	500.	410.628	82.13	-

GRO Area:279266.6 GRO Amount: 1180.871
TPH Area:703397.7 TPH Amount: 3093.927

ABTU Inlet

G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0020.RAW B22010370-001H ;0110PE1 , $HC-8015-GRO-W,,(1,20)



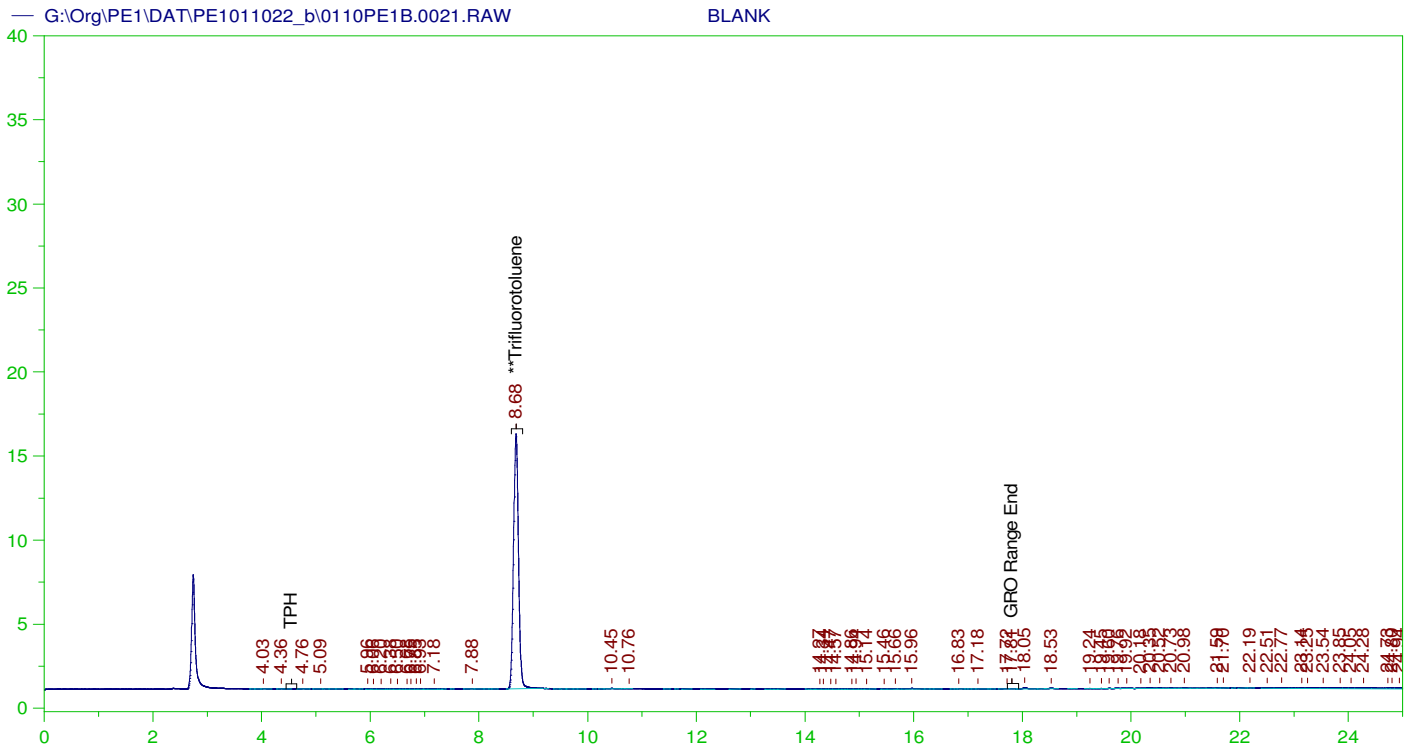
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010370-001H ;0110PE1 , $HC-8015-GRO-W,,(1,20)
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0020.RAW
Date & Time Acquired: 1/10/2022 6:55:34 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 20 S.A.: 20

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	500.	410.628	82.13	-

GRO Area:276394.7 GRO Amount: 1168.728
TPH Area:697909.8 TPH Amount: 3069.788



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0021.RAW
Date & Time Acquired: 1/10/2022 7:29:40 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

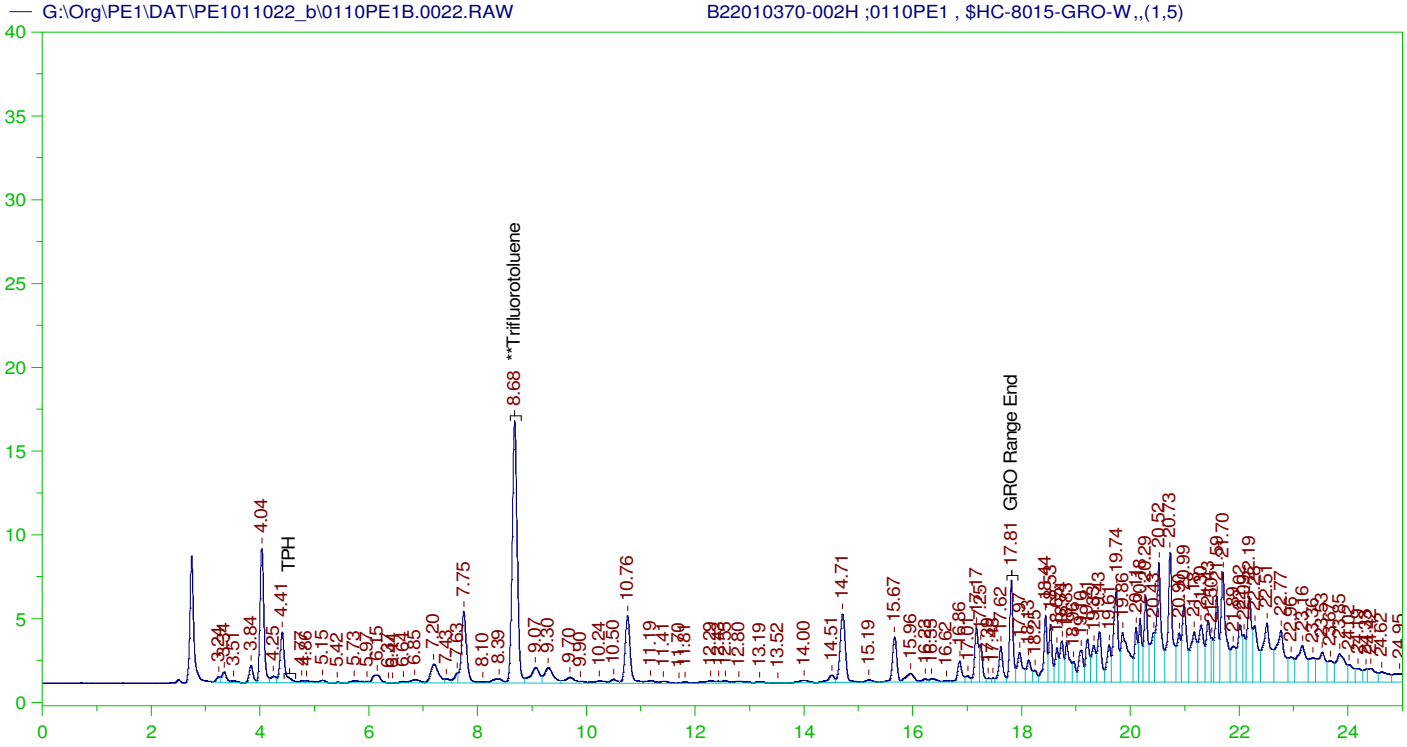
Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	102.255	81.8	-

GRO Area:4879.276 GRO Amount: 5.157973
TPH Area:10162.87 TPH Amount: 11.17546

ABTU Outlet

G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0022.RAW B22010370-002H ;0110PE1 , $HC-8015-GRO-W,,(1,5)



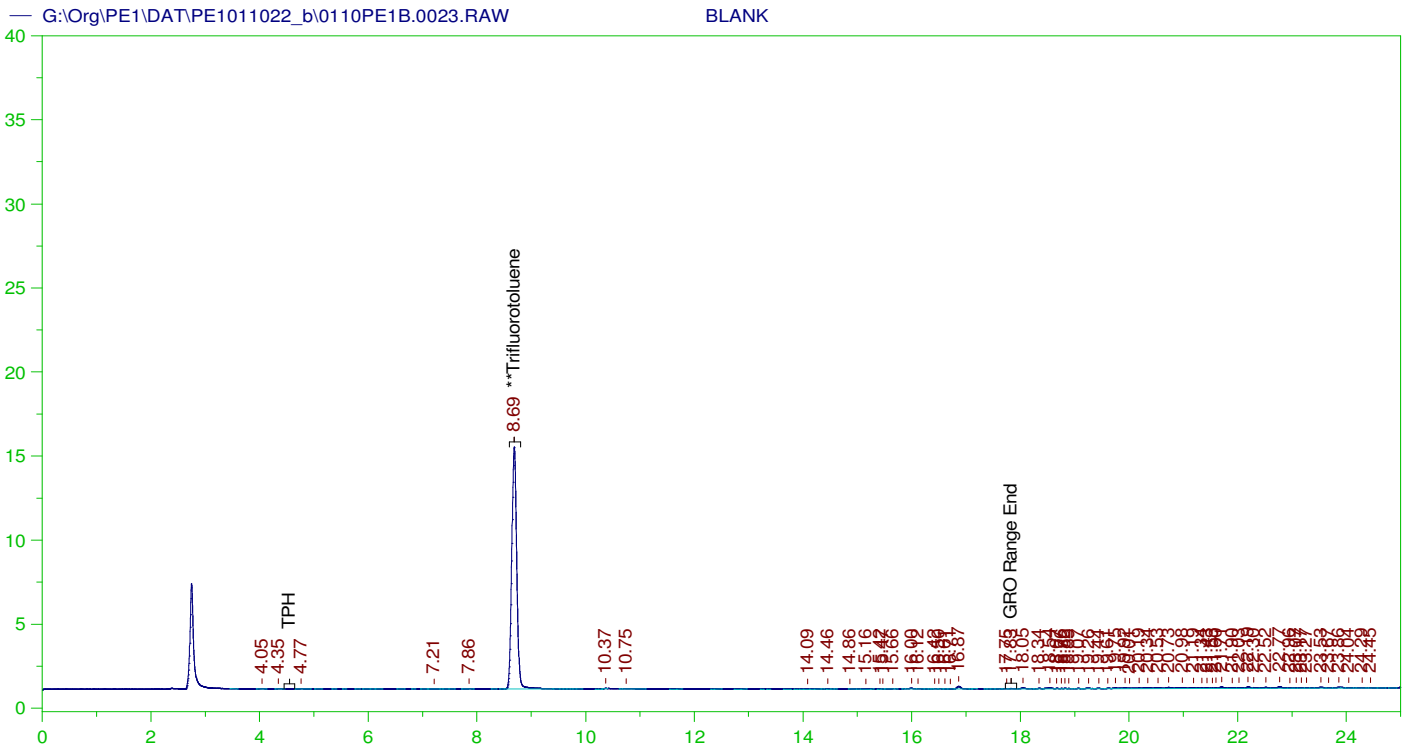
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010370-002H ;0110PE1 , $HC-8015-GRO-W,,(1,5)
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0022.RAW
Date & Time Acquired: 1/10/2022 8:03:49 PM
Method File: G:\Org\PE1\Methods\211208G370-2B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 5 S.A.: 5

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	125.	106.936	85.55	-

GRO Area:264170.4 GRO Amount: 279.2595
TPH Area:1205275 TPH Amount: 1325.364



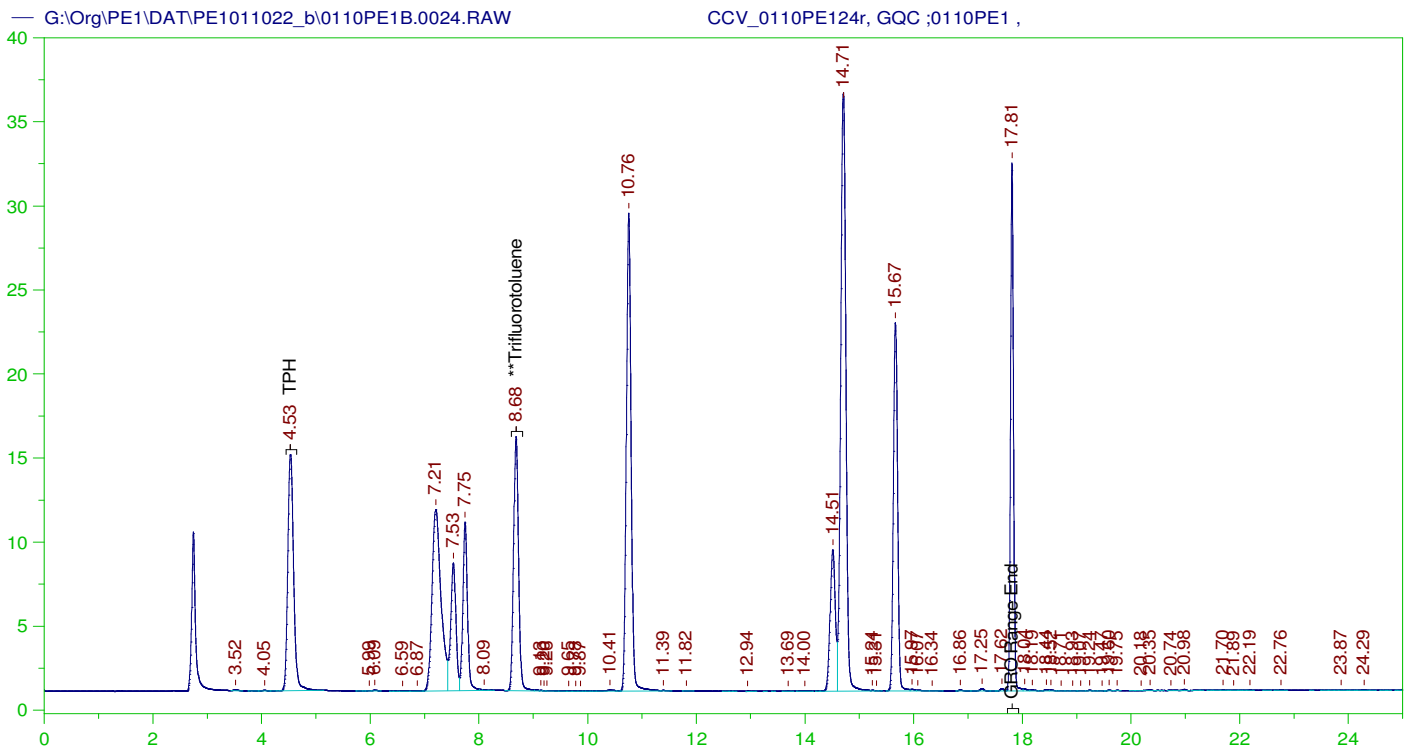
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0023.RAW
Date & Time Acquired: 1/10/2022 8:37:57 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.686	125.	97.784	78.23	-

GRO Area:3941.818 GRO Amount: 4.166968
TPH Area:13512.3 TPH Amount: 14.85862



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT
Sample Name: CCV_0110PE124r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0024.RAW
Date & Time Acquired: 1/10/2022 9:12:11 PM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	125.	102.344	81.88	-

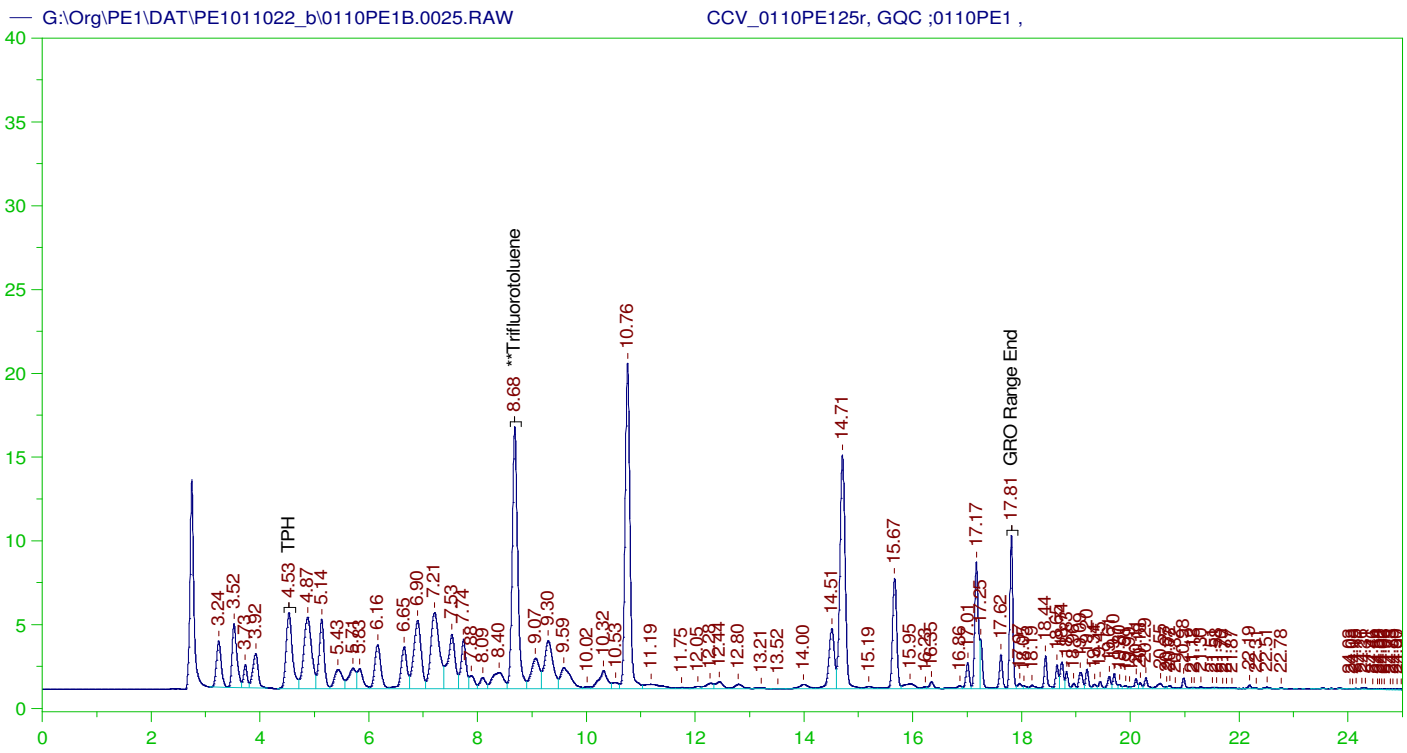
GRO Area:1053329 GRO Amount: 1113.493
TPH Area:1057844 TPH Amount: 1163.244

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0024.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1113.49	132.56	85-115
TPH	1000.	1163.24	116.32	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.683	125.	102.344	81.88	85-115

G:\org\PE1\dat\PE1011022_b\Review\024_CCV_0110PE124r_211208GROB.xls



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0110PE125r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0025.RAW
Date & Time Acquired: 1/10/2022 9:46:26 PM
Method File: G:\Org\PE1\Methods\211208GCCV0110_25B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.685	125.	116.079	92.86	-

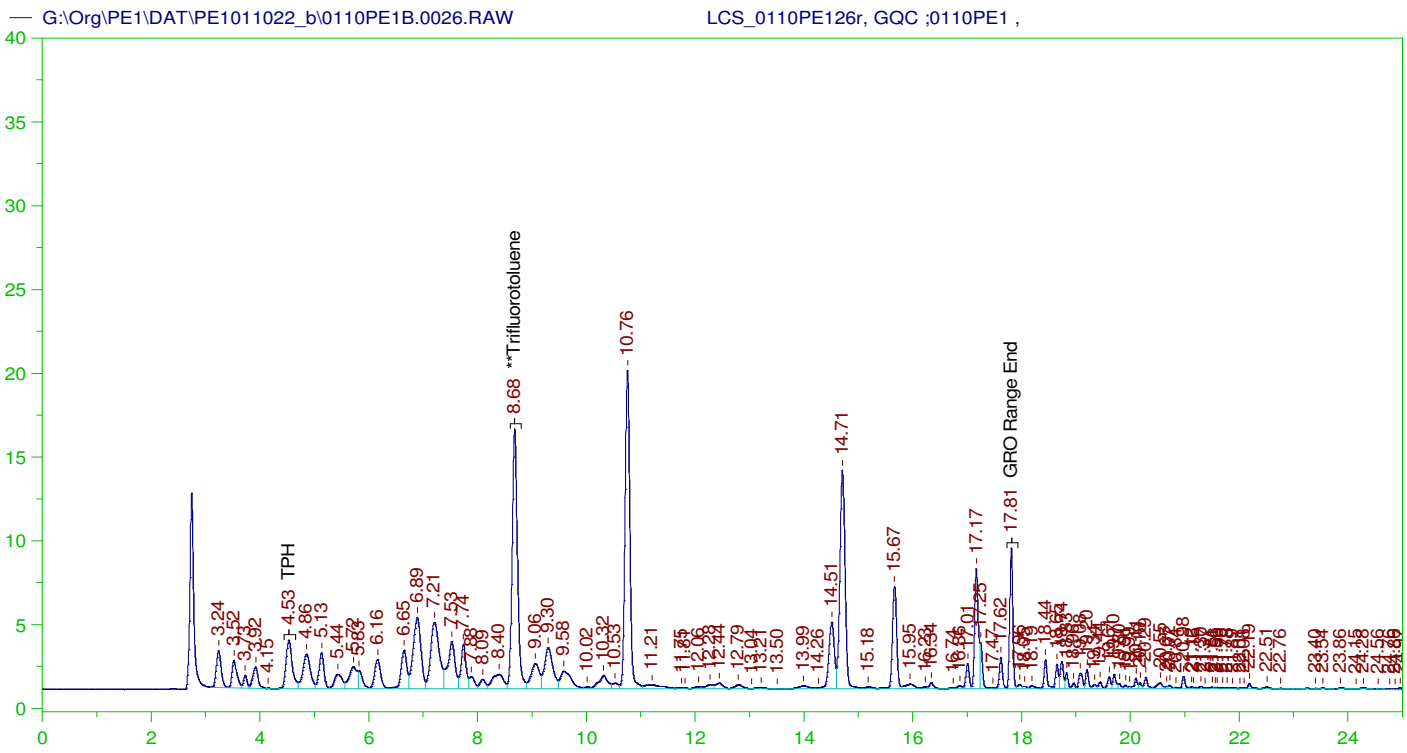
GRO Area:840013.4 GRO Amount: 887.9937
TPH Area:972272.9 TPH Amount: 1069.147

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0025.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	887.99	105.71	85-115
TPH	1000.	1069.15	106.91	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.685	125.	116.079	92.86	85-115

G:\org\PE1\dat\PE1011022_b\Review\025_CCV_0110PE125r_211208GCCV0110_25B%.xls



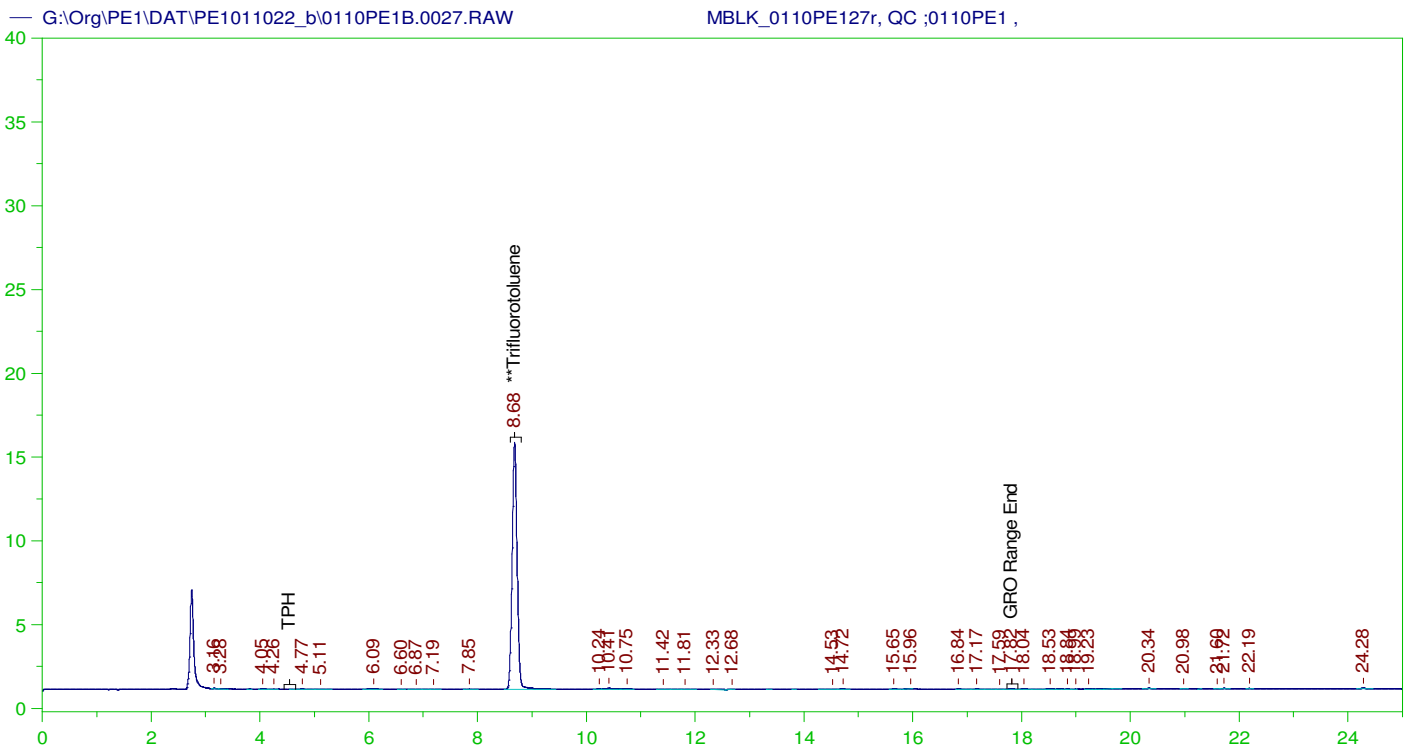
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: LCS_0110PE126r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0026.RAW
Date & Time Acquired: 1/10/2022 10:20:41 PM
Method File: G:\Org\PE1\Methods\211208GLCS0110_26B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	25.	22.567	90.27	-

GRO Area:734894.6 GRO Amount: 155.3741
TPH Area:842083.5 TPH Amount: 185.1971



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

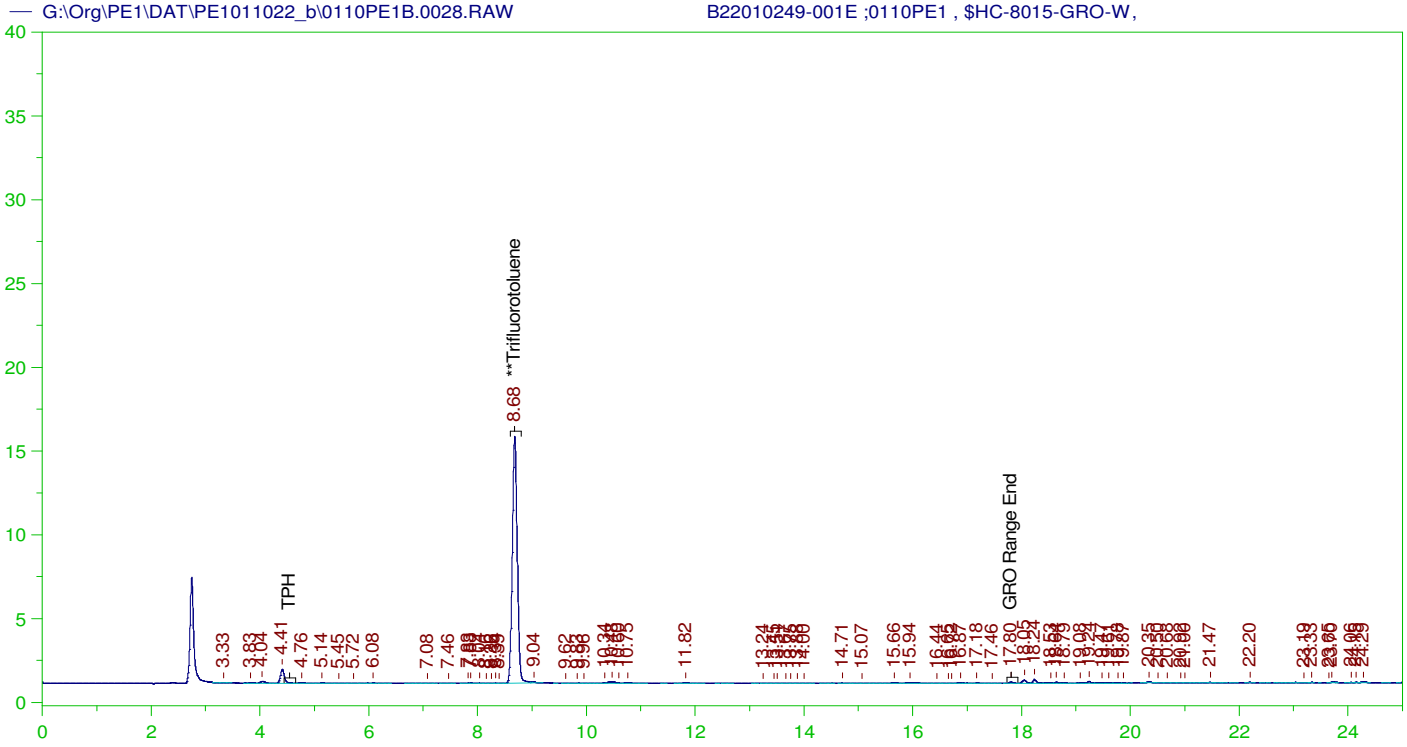
Sample Name: MBLK_0110PE127r, QC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0027.RAW
Date & Time Acquired: 1/10/2022 10:54:56 PM
Method File: G:\Org\PE1\Methods\211208GMB0110_27B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	25.	20.039	80.16	-

GRO Area:4129.564 GRO Amount: 0.8730878
TPH Area:6389.596 TPH Amount: 1.405246

0-200
G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0028.RAW B22010249-001E ;0110PE1 , $HC-8015-GRO-W,



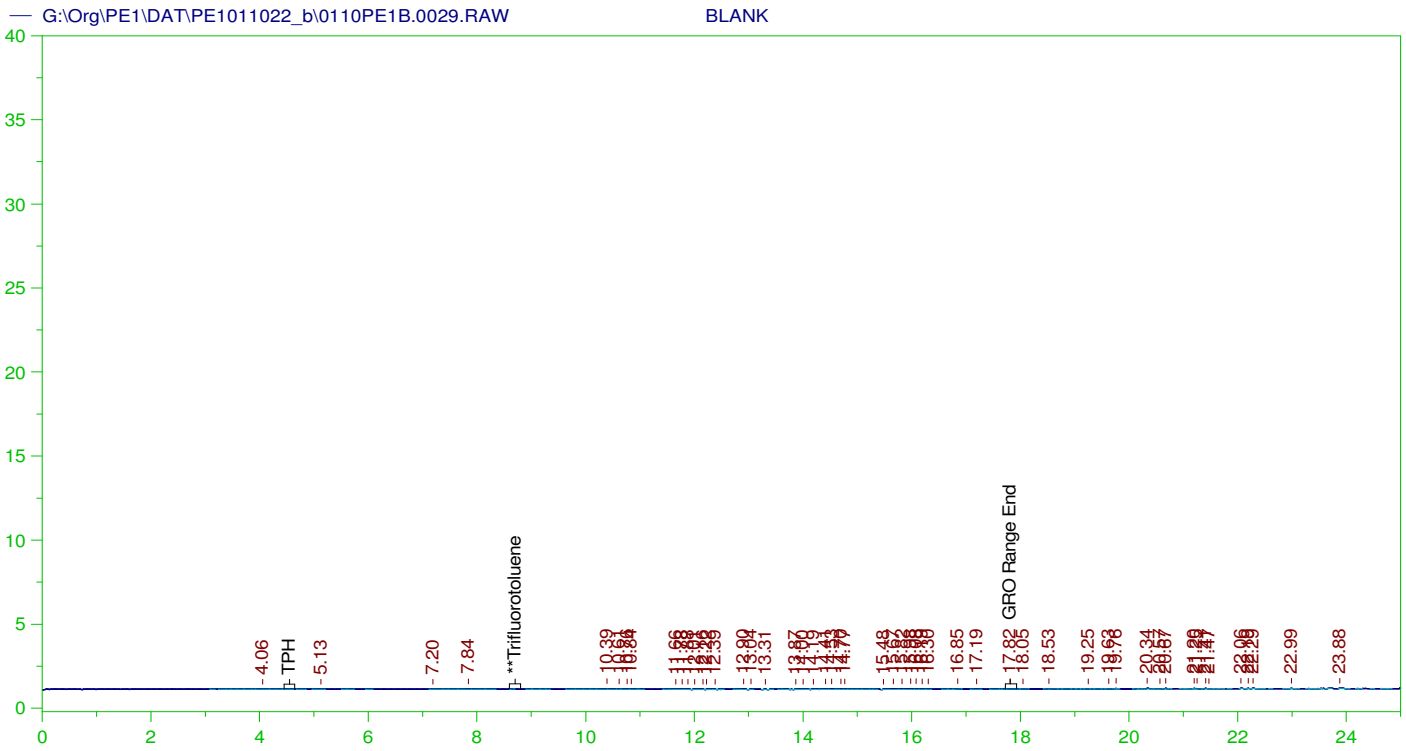
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-001E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0028.RAW
Date & Time Acquired: 1/10/2022 11:29:17 PM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.684	25.	19.914	79.65	-

GRO Area:7763.165 GRO Amount: 1.641317
TPH Area:19487.33 TPH Amount: 4.285796



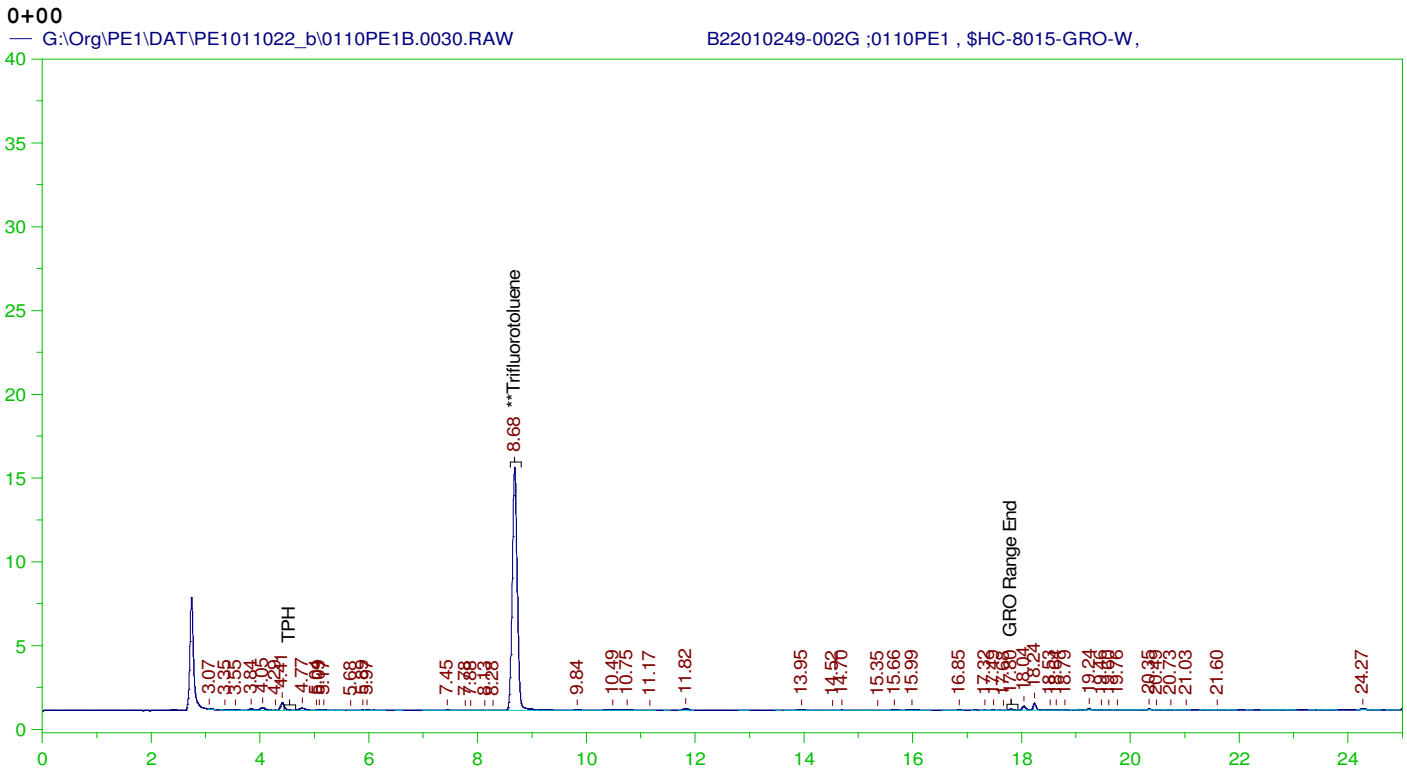
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0029.RAW
Date & Time Acquired: 1/11/2022 12:03:38 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED		%REC
**Trifluorotoluene	24.785	125.	.	.	-

GRO Area:4765.48 GRO Amount: 5.037677
TPH Area:7135.079 TPH Amount: 7.845993



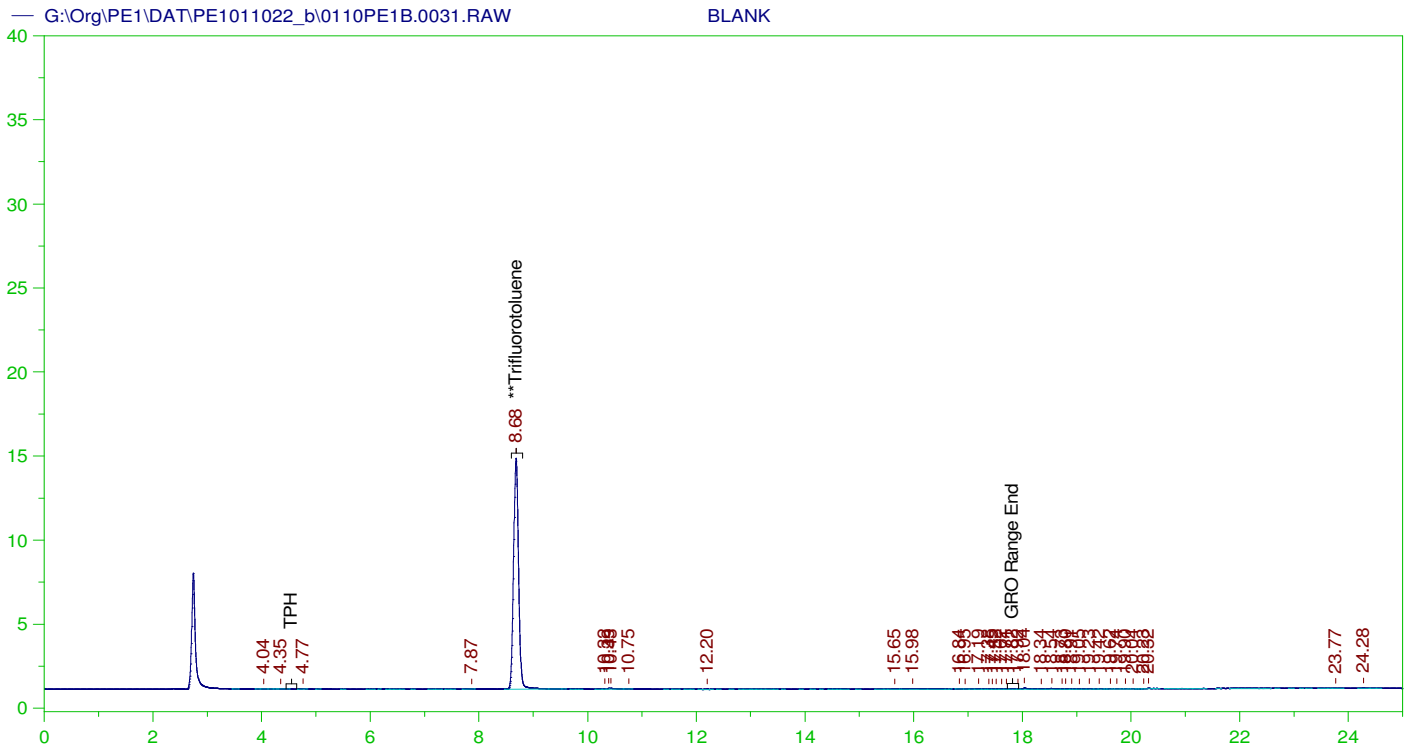
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-002G ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0030.RAW
Date & Time Acquired: 1/11/2022 12:37:59 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	25.	19.785	79.14	-

GRO Area:7626.979 GRO Amount: 1.612524
TPH Area:17552.9 TPH Amount: 3.860361



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

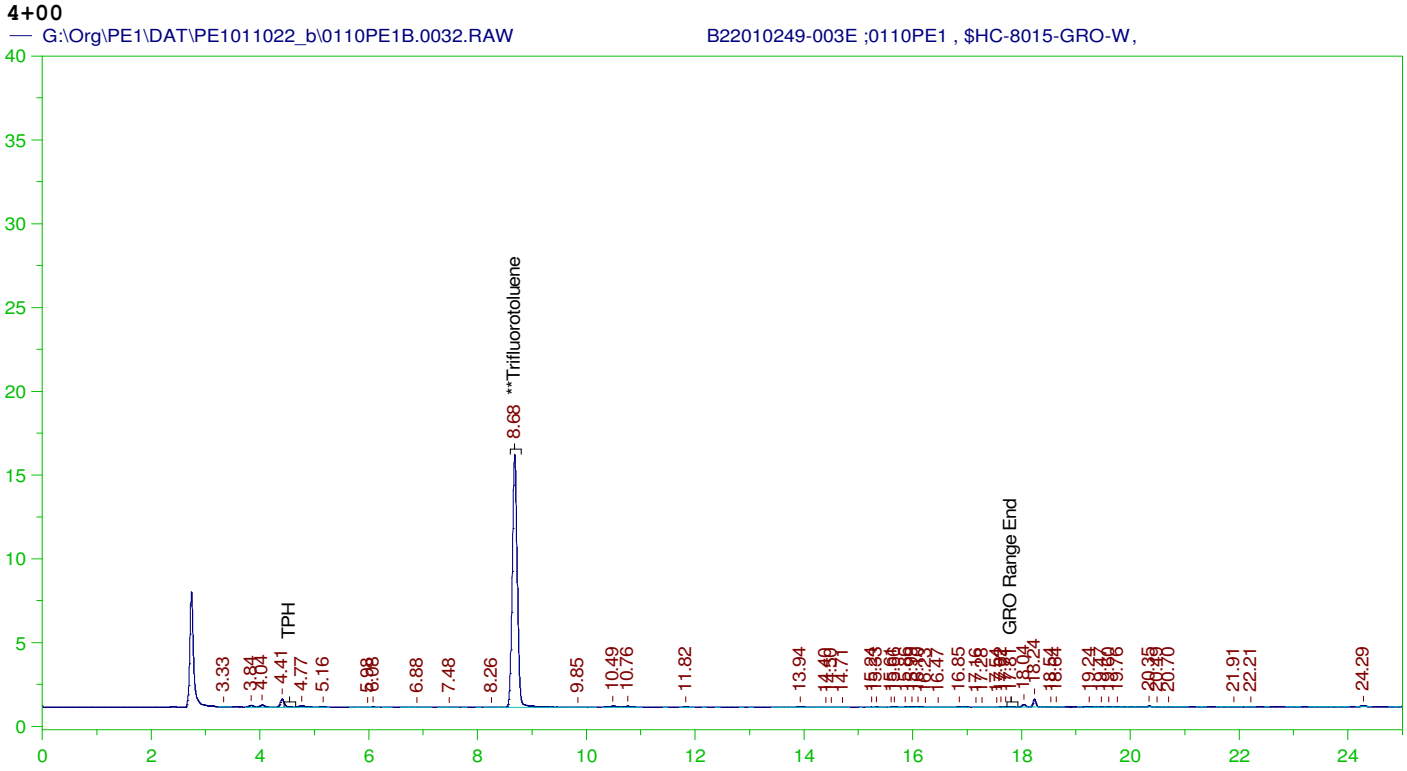
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0031.RAW
Date & Time Acquired: 1/11/2022 1:12:12 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	125.	93.275	74.62	-

GRO Area:3636.488 GRO Amount: 3.844199
TPH Area:6650.606 TPH Amount: 7.313249

4+00



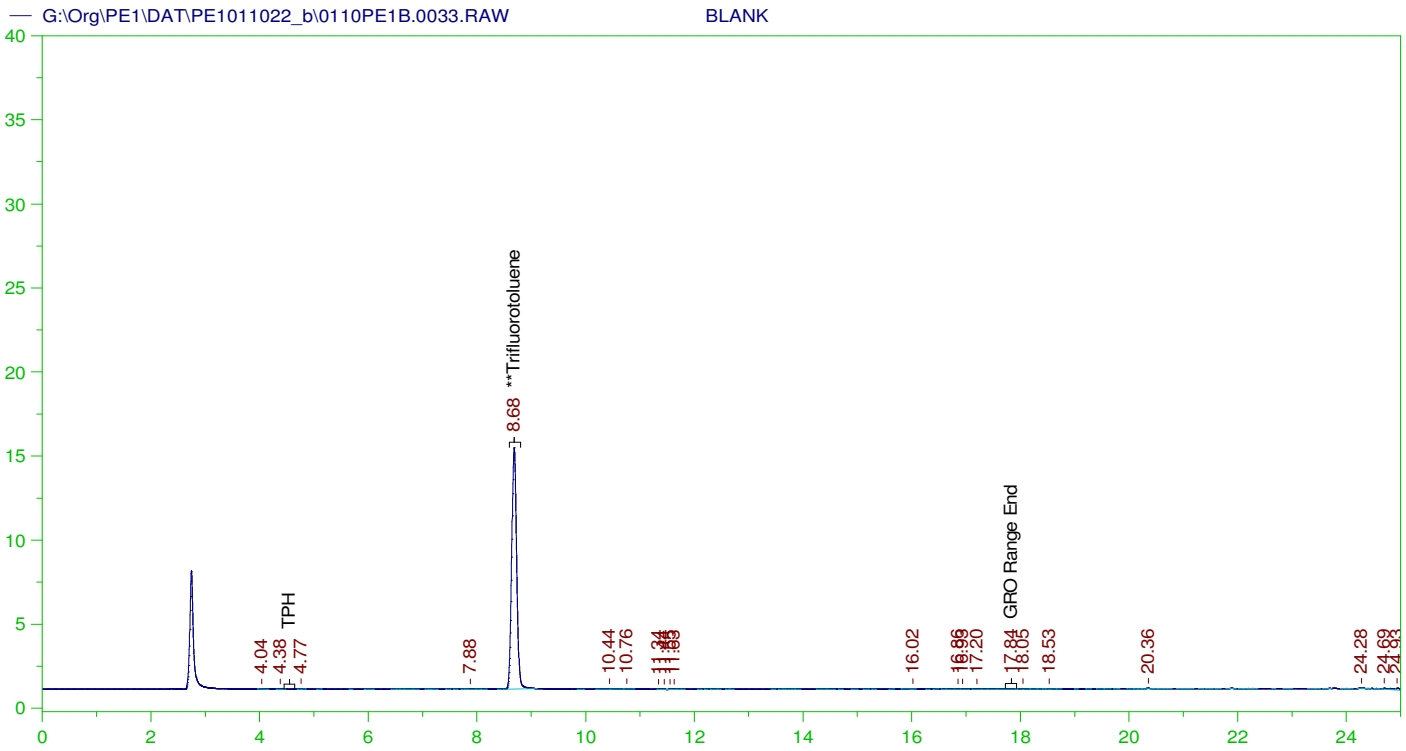
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-003E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0032.RAW
Date & Time Acquired: 1/11/2022 1:46:22 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.684	25.	20.595	82.38	-

GRO Area:5677.341 GRO Amount: 1.200324
TPH Area:14098.29 TPH Amount: 3.1006



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

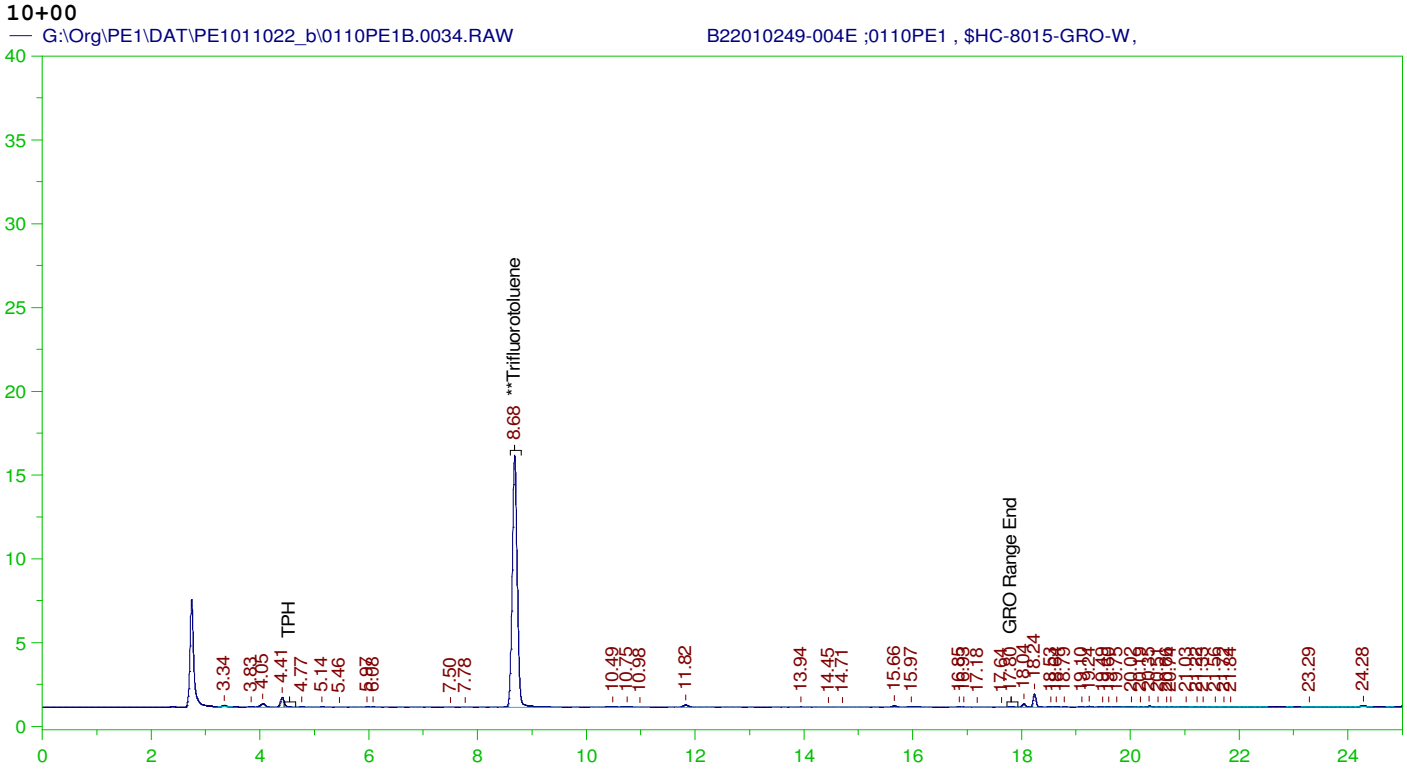
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0033.RAW
Date & Time Acquired: 1/11/2022 2:20:34 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.685	125.	97.031	77.62	-

GRO Area:2049.556 GRO Amount: 2.166624
TPH Area:4129.917 TPH Amount: 4.541407

10+00



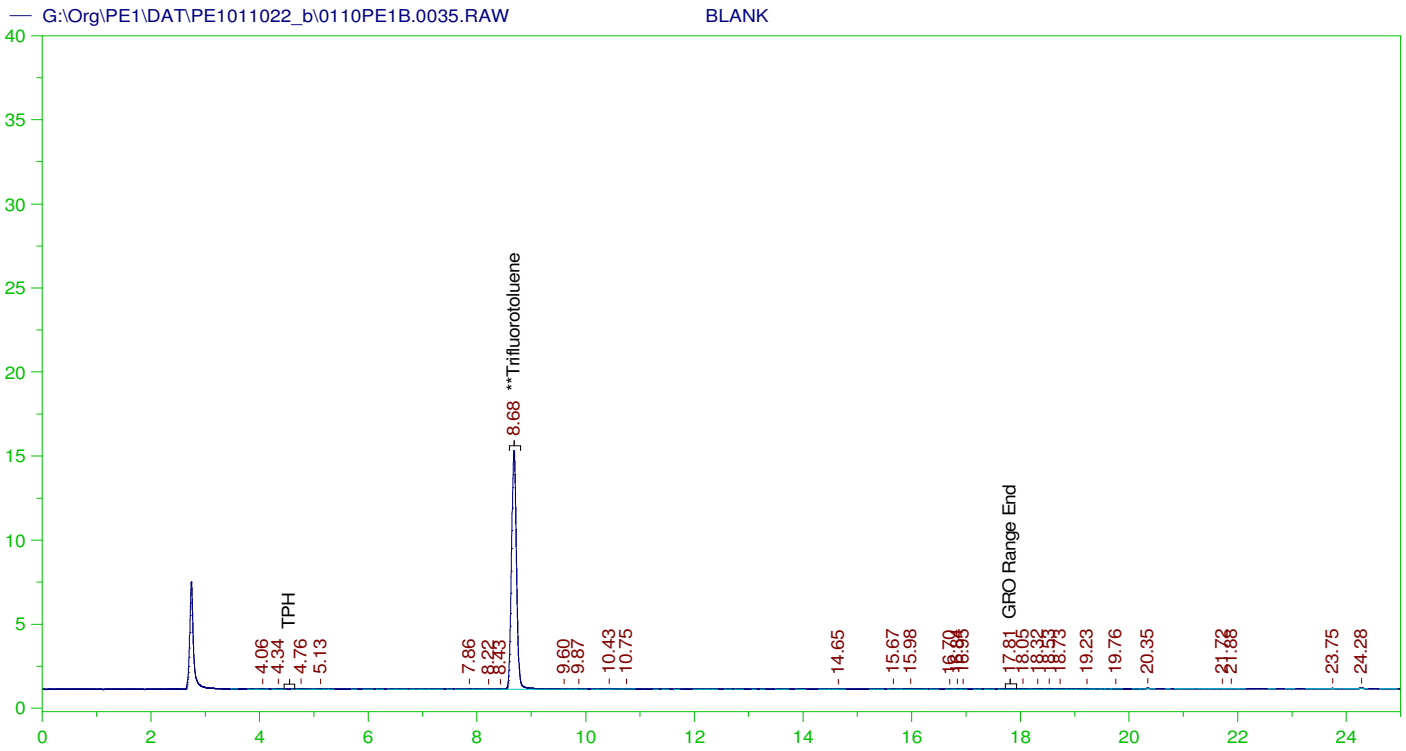
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-004E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0034.RAW
Date & Time Acquired: 1/11/2022 2:54:46 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	25.	20.477	81.91	-

GRO Area:5437.585 GRO Amount: 1.149634
TPH Area:17258.42 TPH Amount: 3.795598



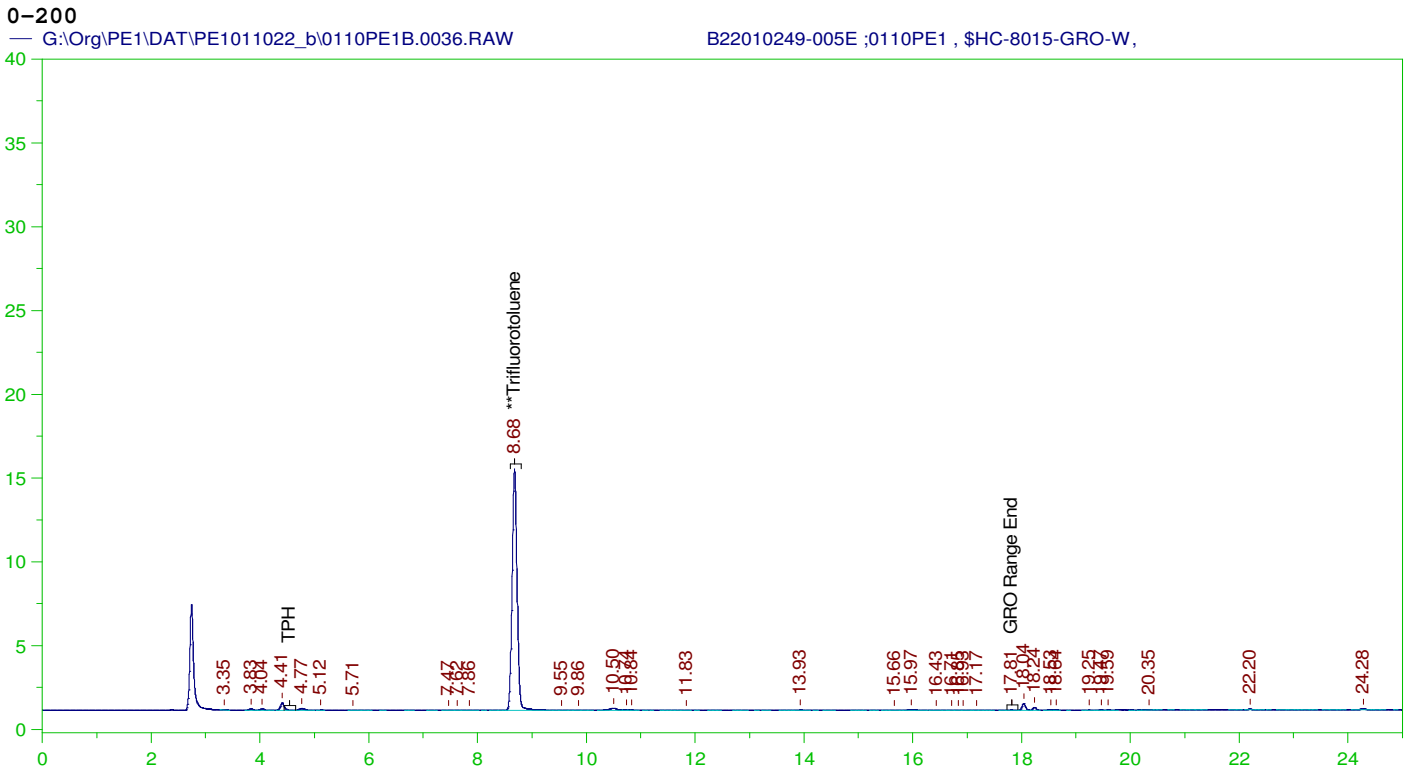
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0035.RAW
Date & Time Acquired: 1/11/2022 3:28:58 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	96.638	77.31	-

GRO Area:3320.305 GRO Amount: 3.509955
TPH Area:5257.396 TPH Amount: 5.781224



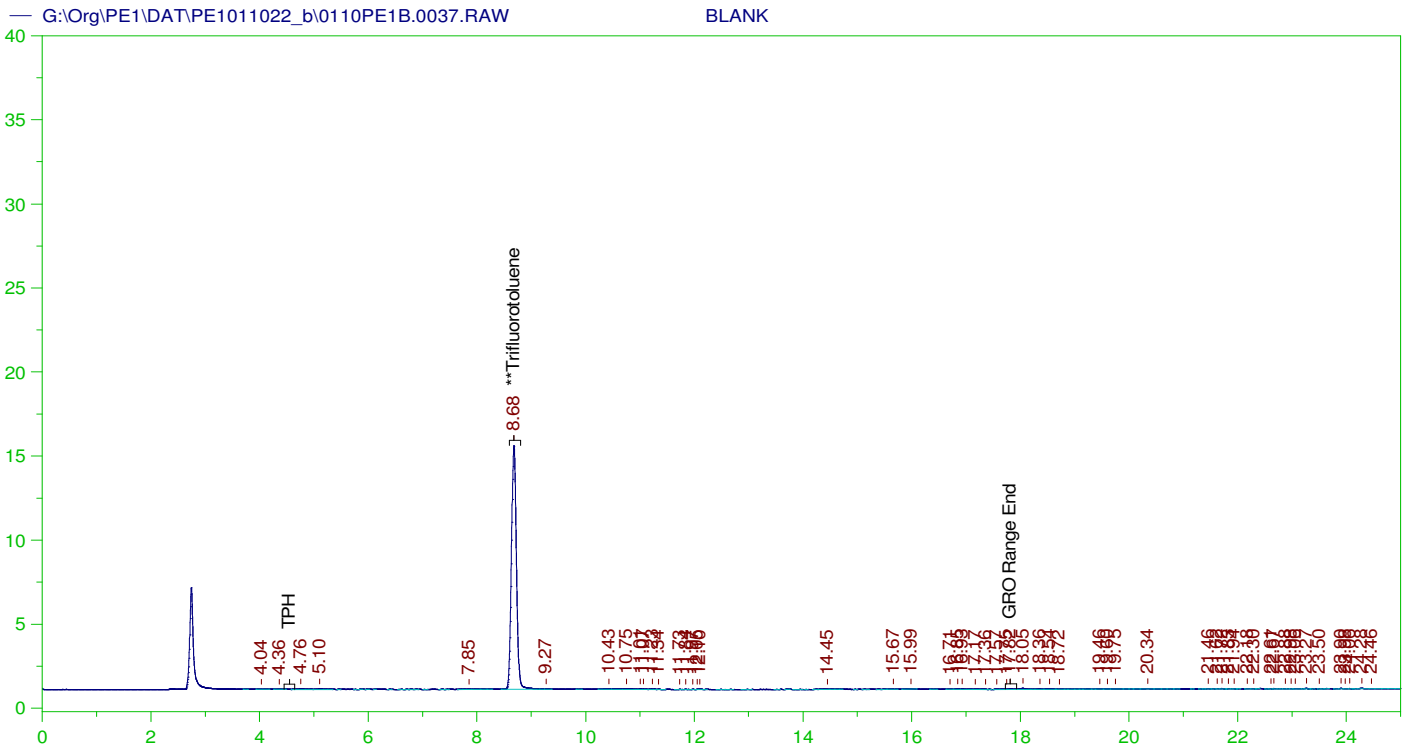
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-005E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0036.RAW
Date & Time Acquired: 1/11/2022 4:03:13 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	25.	19.64	78.56	-

GRO Area:5506.684 GRO Amount: 1.164243
TPH Area:13019.98 TPH Amount: 2.863449



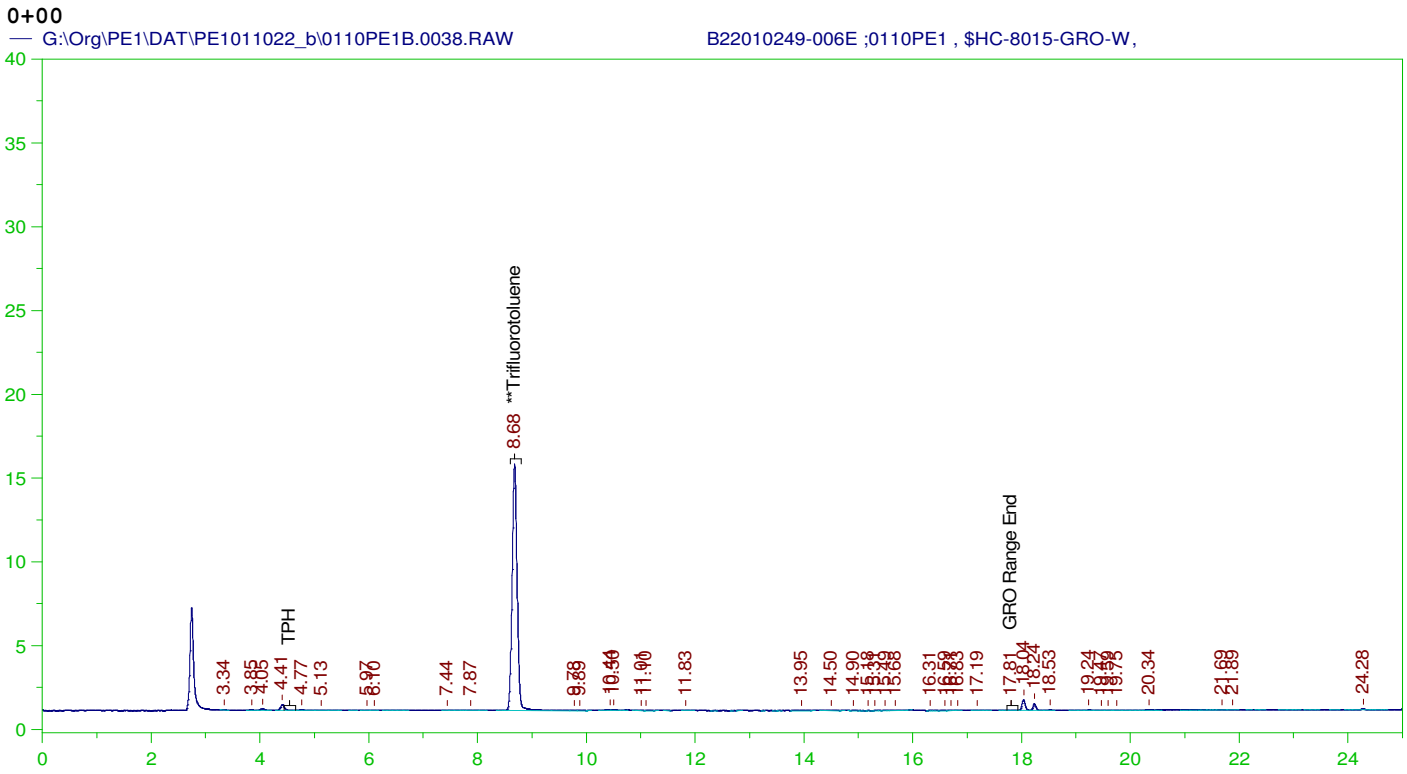
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0037.RAW
Date & Time Acquired: 1/11/2022 4:37:29 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.68	125.	98.251	78.6	-

GRO Area:3702.401 GRO Amount: 3.913877
TPH Area:7552.811 TPH Amount: 8.305346



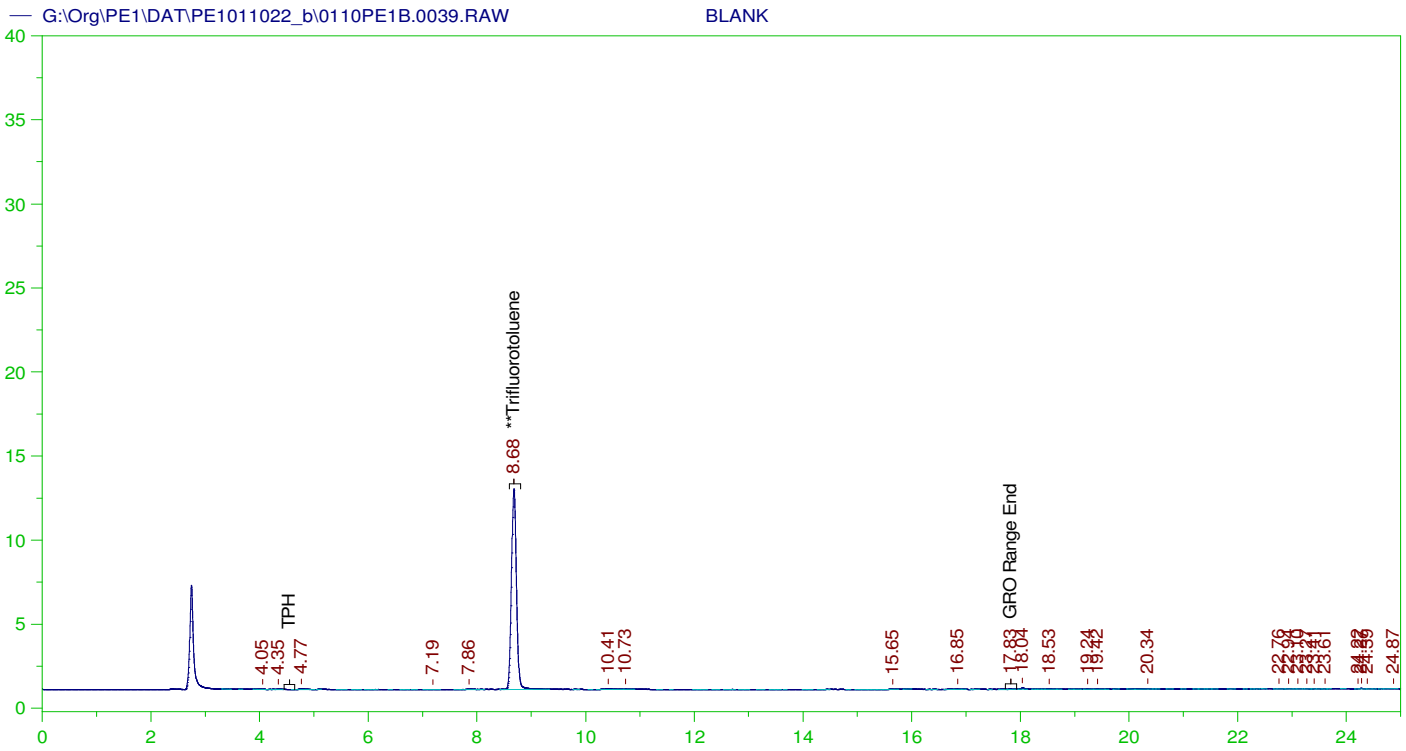
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-006E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0038.RAW
Date & Time Acquired: 1/11/2022 5:11:47 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	25.	20.072	80.29	-

GRO Area:4489.905 GRO Amount: 0.9492723
TPH Area:13206.28 TPH Amount: 2.904422



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

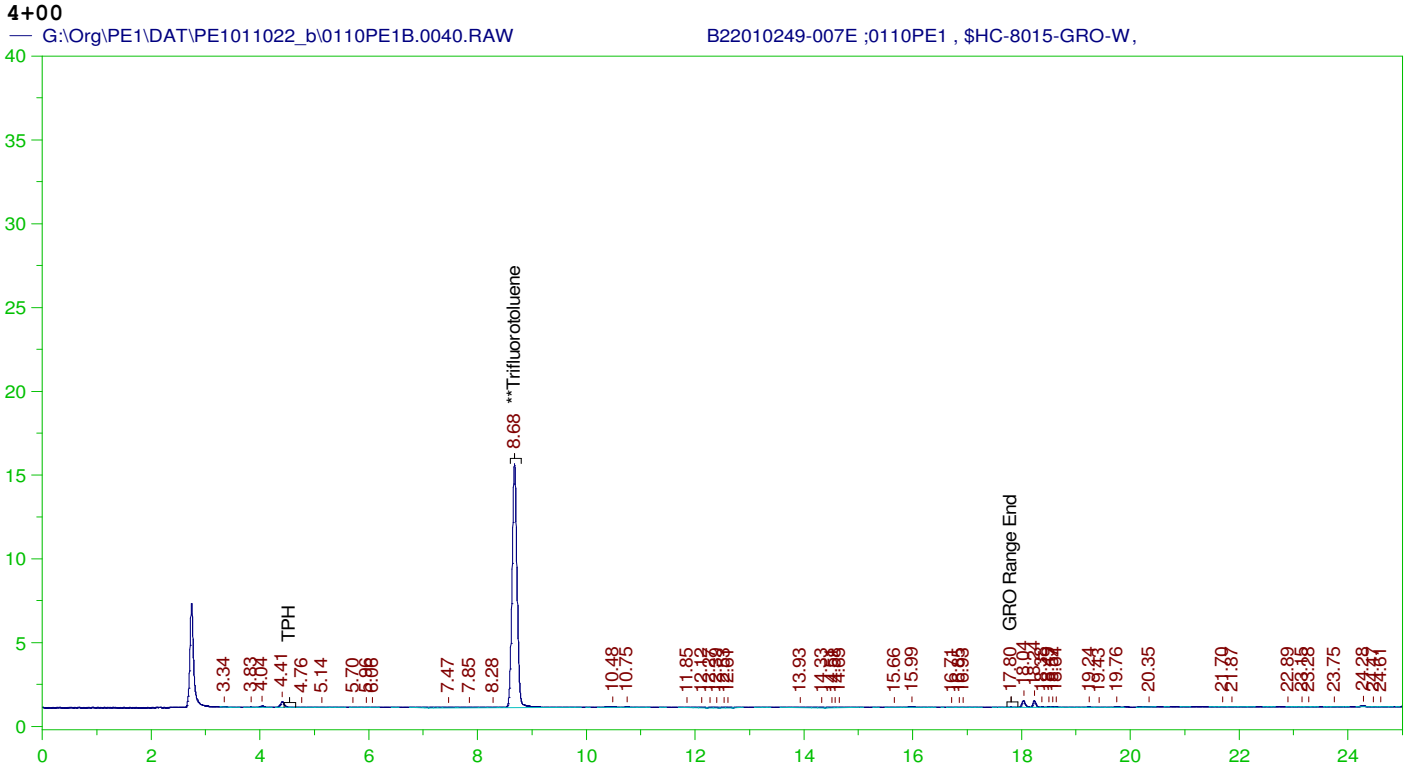
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0039.RAW
Date & Time Acquired: 1/11/2022 5:46:08 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	125.	80.95	64.76	-

GRO Area:2136.378 GRO Amount: 2.258404
TPH Area:4441.853 TPH Amount: 4.884423

4+00



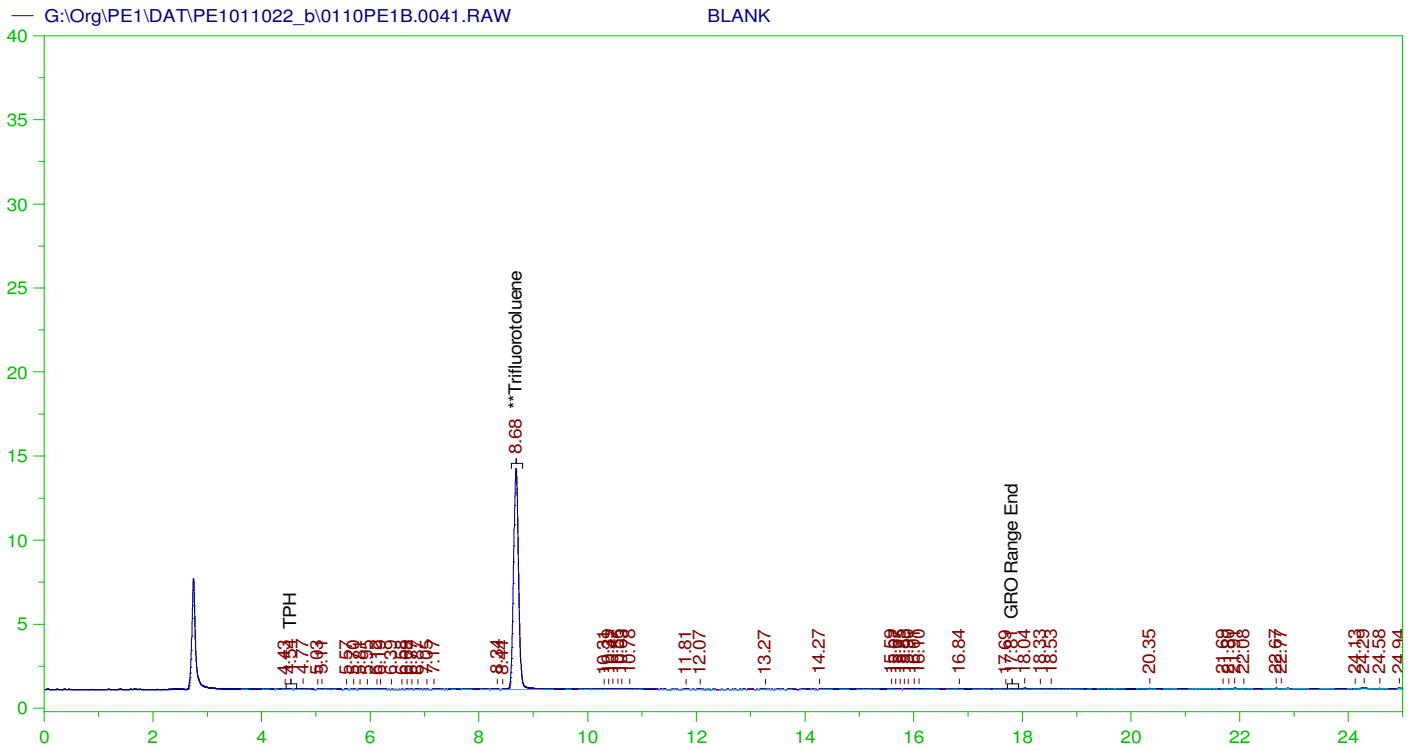
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-007E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0040.RAW
Date & Time Acquired: 1/11/2022 6:20:27 AM
Method File: G:\Org\PE1\Methods\211208GROB%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.68	25.	19.825	79.3	-

GRO Area:5328.411 GRO Amount: 1.126552
TPH Area:13670.27 TPH Amount: 3.006466



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

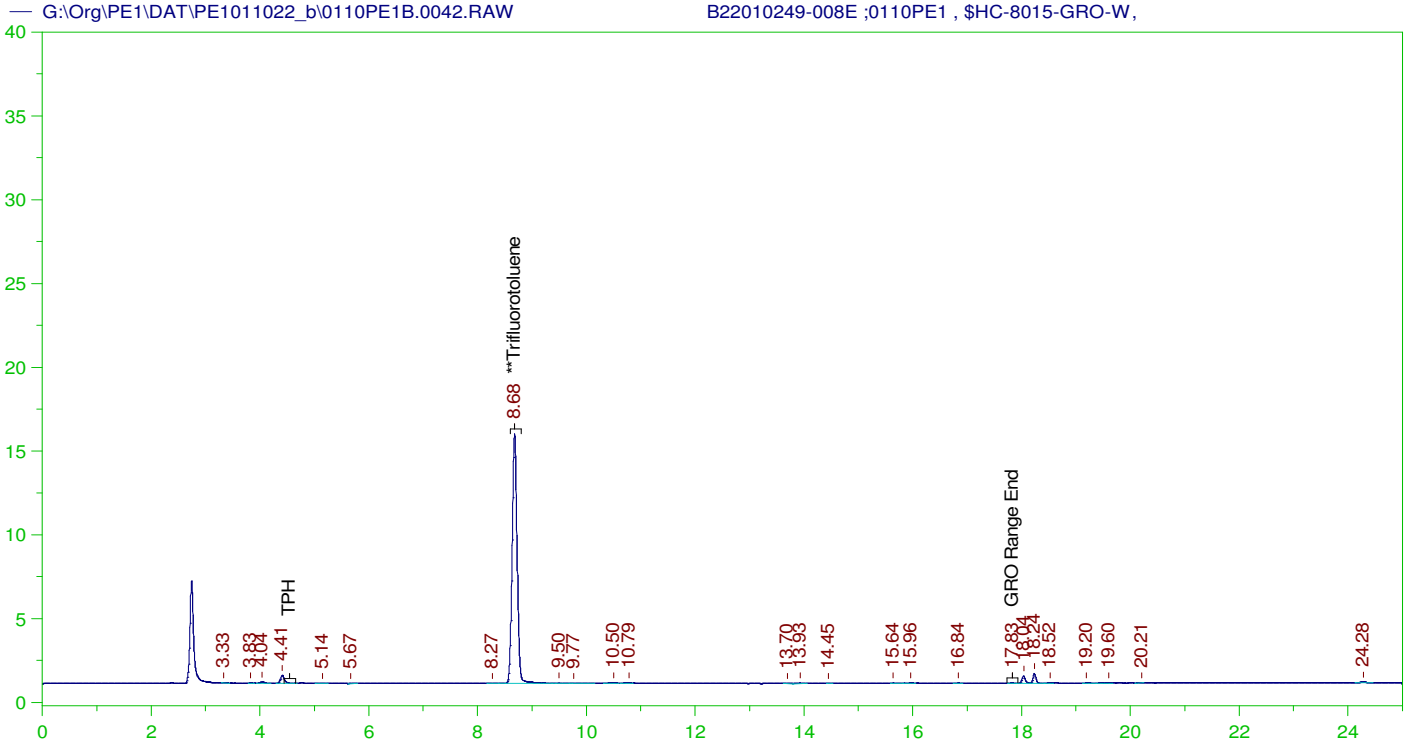
Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0041.RAW
Date & Time Acquired: 1/11/2022 6:54:43 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.683	125.	89.417	71.53	-

GRO Area:5350.736 GRO Amount: 5.656362
TPH Area:7819.772 TPH Amount: 8.598907

10+50



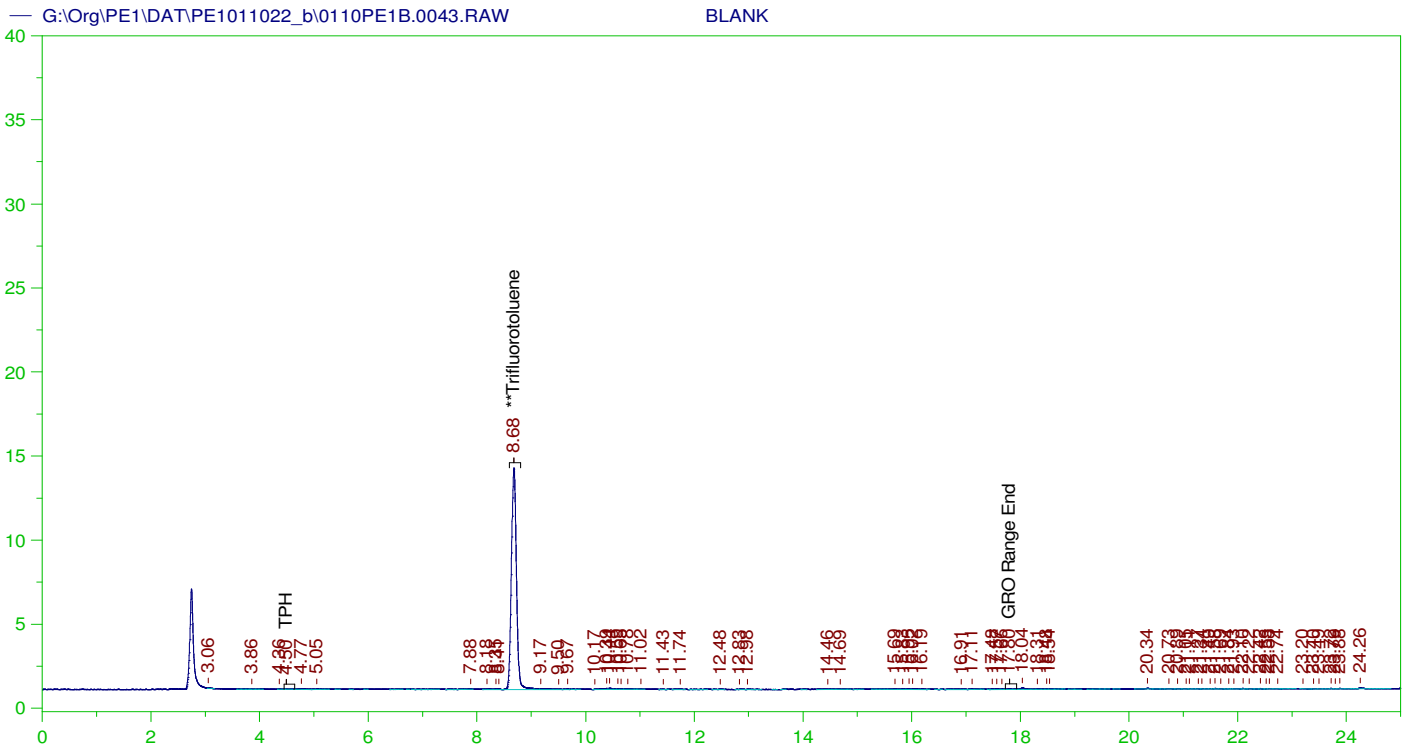
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: B22010249-008E ;0110PE1 , $HC-8015-GRO-W,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0042.RAW
Date & Time Acquired: 1/11/2022 7:28:58 AM
Method File: G:\Org\PE1\Methods\211208G249-8B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 5 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.681	25.	20.304	81.22	-

GRO Area:2589.027 GRO Amount: 0.5473818
TPH Area:10865.38 TPH Amount: 2.389592



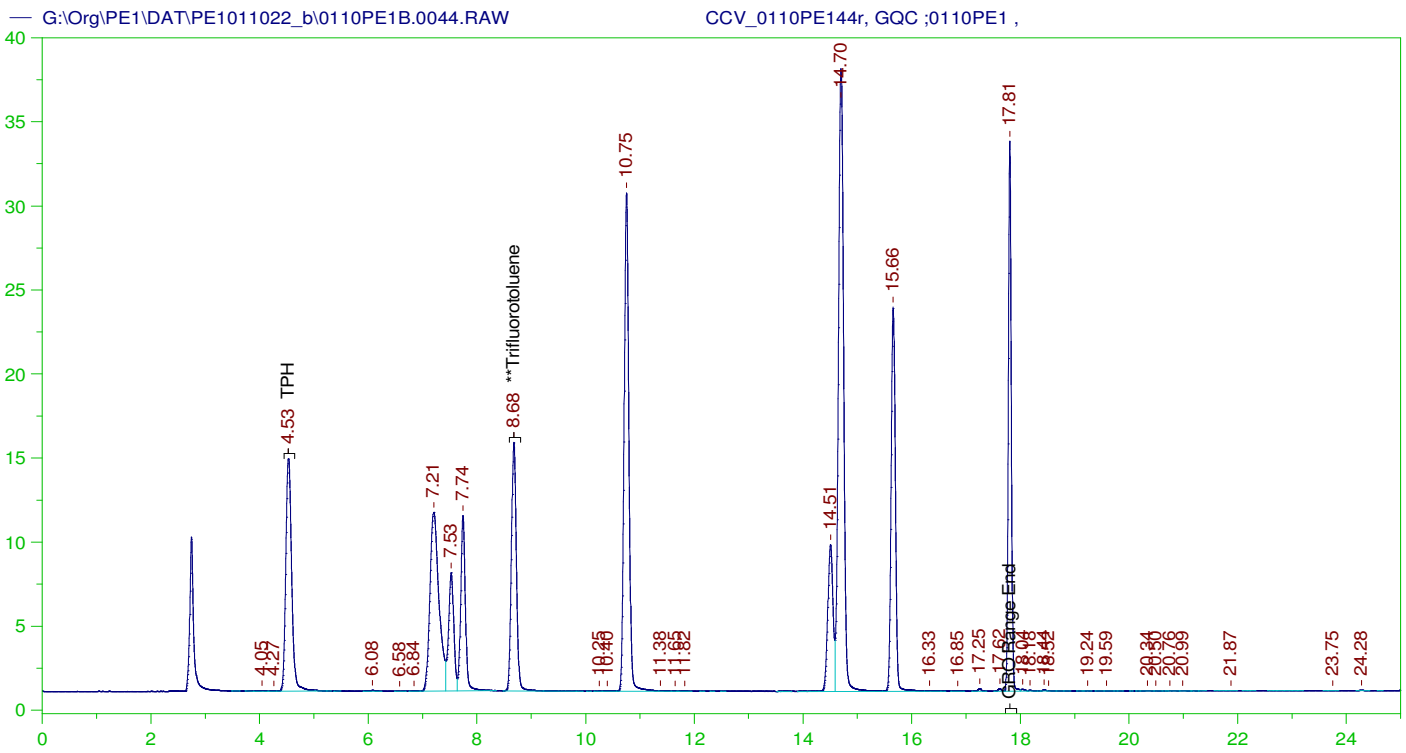
GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: BLANK
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0043.RAW
Date & Time Acquired: 1/11/2022 8:03:12 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.68	125.	89.778	71.82	-

GRO Area:5905.97 GRO Amount: 6.243309
TPH Area:10144.03 TPH Amount: 11.15475



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0110PE144r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0044.RAW
Date & Time Acquired: 1/11/2022 8:37:23 AM
Method File: G:\Org\PE1\Methods\211208GROB.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.679	125.	100.191	80.15	-

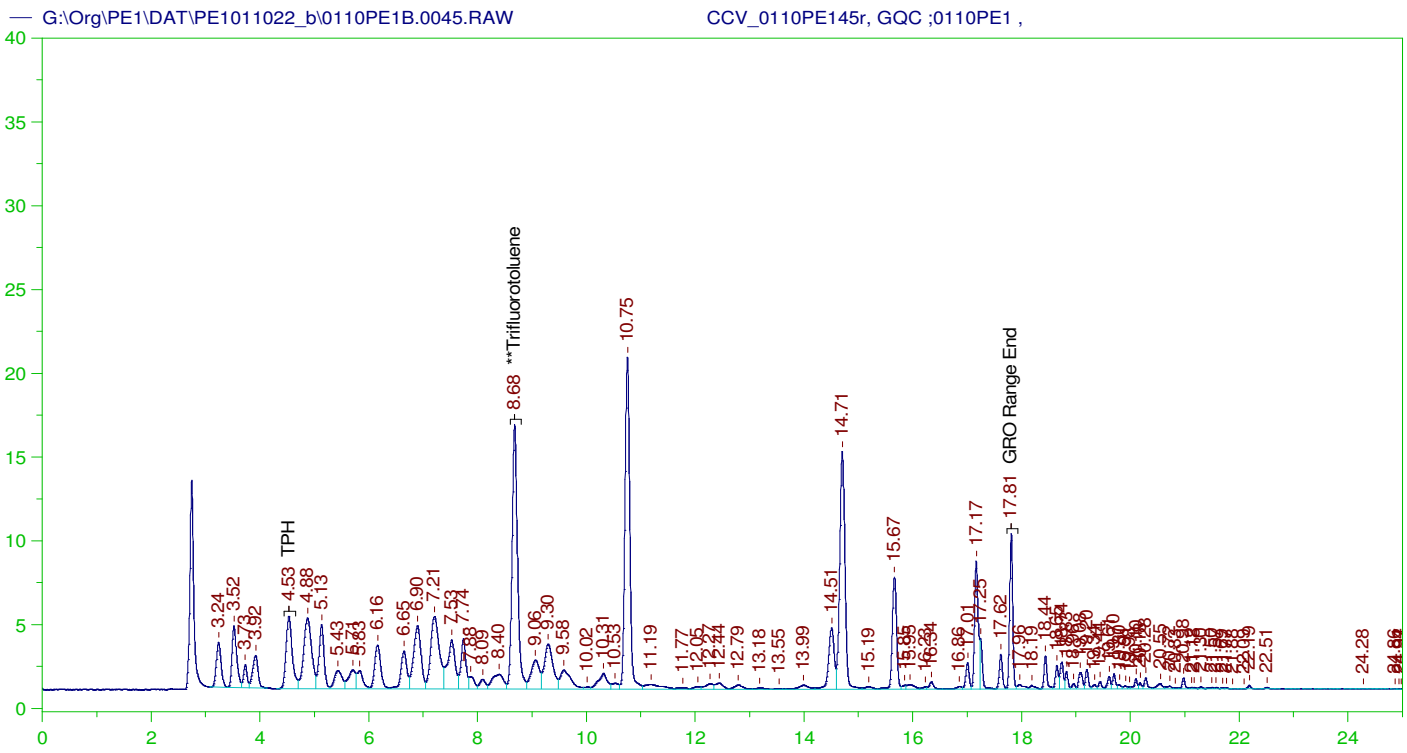
GRO Area:1079036 GRO Amount: 1140.669
TPH Area:1082059 TPH Amount: 1189.871

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0044.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	1140.67	135.79	85-115
TPH	1000.	1189.87	118.99	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.679	125.	100.191	80.15	85-115

G:\org\PE1\dat\PE1011022_b\Review\044_CCV_0110PE144r_211208GROB.xls



GASOLINE RANGE ORGANICS CHROMATOGRAM REPORT

Sample Name: CCV_0110PE145r, GQC ;0110PE1 ,
Raw File: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0045.RAW
Date & Time Acquired: 1/11/2022 9:11:37 AM
Method File: G:\Org\PE1\Methods\211208GCCV0110_45B%.MET
Calibration File: G:\Org\PE1\Cals\211208GRO8015CB.CAL
Sample Weight: 1 Dilution: 1 S.A.: 1

Mean RF for GRO: 945.9678
Mean RF for TPH: 909.3915
Rt range for Gasoline Range Organics: 4.45 to 17.93

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
**Trifluorotoluene	8.682	125.	117.012	93.61	-

GRO Area:820695.9 GRO Amount: 867.5728
TPH Area:948238.9 TPH Amount: 1042.718

CONTINUING CALIBRATION REPORT: G:\Org\PE1\DAT\PE1011022_b\0110PE1B.0045.RAW

COMPOUND	ACTUAL(NG)	MEASURED(NG)	%RECOVERY	LIMITS
GRO	840.	867.57	103.28	85-115
TPH	1000.	1042.72	104.27	85-115

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	LIMITS
**Trifluorotoluene	8.682	125.	117.012	93.61	85-115

G:\org\PE1\dat\PE1011022_b\Review\045_CCV_0110PE145r_211208GCCV0110_45B%.xls

Write Sequence	Insert Entries(Have the first cell for entries selecte							
Data File	**Sample Name**	**Method**	**Weight**	**Dil Factor**	**Amt Inj.**	**IS**	**Cal ID**	**Manual Integrations**
G:\Org\PE1\DAT\PE1011022_b\0110PE1.01r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.02r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.03r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.04r	CCV_0110PE104r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.05r	CCV_0110PE105r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.06r	LCS_0110PE106r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.07r	MBLK_0110PE107r, QC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.08r	B22010262-003A ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.09r	B22010262-001G ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.10r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.11r	B22010262-001GMS, GQC ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.12r	B22010262-001GMSD, GQC ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.13r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.14r	B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)	G:\Org\PE1\Methods\21120	5	5	1	5	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.15r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.16r	*B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,20)*	G:\Org\PE1\Methods\21120	5	20	1	20	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.17r	B22010211-001G ;0110PE1 , $HC-8015-GRO-W,,(1,5)	G:\Org\PE1\Methods\21120	5	5	1	5	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.18r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.19r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None

G:\Org\PE1\DAT\PE1011022_b\0110PE1.20r	B22010370-001H ;0110PE1 , $HC-8015-GRO-W,,(1,20)	G:\Org\PE1\Methods\21120	5	20	1	20	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.21r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.22r	B22010370-002H ;0110PE1 , $HC-8015-GRO-W,,(1,5)	G:\Org\PE1\Methods\21120	5	5	1	5	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.23r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.24r	CCV_0110PE124r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.25r	CCV_0110PE125r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.26r	LCS_0110PE126r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.27r	MBLK_0110PE127r, QC ;0110PE1 ,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.28r	B22010249-001E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.29r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.30r	B22010249-002G ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.31r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.32r	B22010249-003E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.33r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.34r	B22010249-004E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.35r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.36r	B22010249-005E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.37r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.38r	B22010249-006E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.39r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.40r	B22010249-007E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.41r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.42r	B22010249-008E ;0110PE1 , $HC-8015-GRO-W,	G:\Org\PE1\Methods\21120	5	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons
G:\Org\PE1\DAT\PE1011022_b\0110PE1.43r	BLANK	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.44r	CCV_0110PE144r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	None
G:\Org\PE1\DAT\PE1011022_b\0110PE1.45r	CCV_0110PE145r, GQC ;0110PE1 ,	G:\Org\PE1\Methods\21120	1	1	1	1	0	To maintain continuous baseline and split closely eluting hydrocarbons

Josie M Pickard
Chemist

Digitally signed by
Josie Pickard
Date: 2022.02.08 14:36:46 -07:00

Energy Laboratories Inc

Standard LOG

Standard ID:	GASL211208		
Standard Name	Low Gasoline Std.	Type:	Secondary
Date Prepared	12/8/2021	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	Open
Vendor:			
Lot Number:			
Balance ID:			
Comments:	concentration 0.42ug/ul		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	0.9	mL	3/20/

Final Volume: 1 mL

Stock Source		Base Units	Amount Added
GAS210122	Unleaded Gasoline Comp. Std.(2.0uL)	ug/mL	0.1 mL

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

Standard ID:	GAS210122		
Standard Name	Unleaded Gasoline Comp. Std.(2.0uL)	Type:	Secondary
Date Prepared	1/22/2021	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Concentration : 4.2ug/ul		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap DZ880	13323	10	mL	9/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
GASH210122	Unleaded Gasoline Composite	ug/mL	0.84 mL

Analytes	**CAS**	Conc:	**ug/mL**

Energy Laboratories Inc

Standard LOG

Standard ID:	GASH210122		
Standard Name	Unleaded Gasoline Composite	Type:	Primary
Date Prepared	1/22/2021	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Concetration : 50,000 ug/ml

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap DZ880	13323	10	mL	9/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
3GAS160127	Alaska Gasoline Calibration Mix Versio	ug/mL	0.5022 g

Analytes	**CAS**	Conc:	**ug/mL**

Energy Laboratories Inc

Standard LOG

Standard ID:	3GAS160127		
Standard Name	Alaska Gasoline Calibration Mix Version 4/8/0	Type:	Neat
Date Prepared	1/27/2016	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	New
Vendor:	Accustandard		
Lot Number:	213051468		
Balance ID:			

Comments: 33% of each gasoline Date prepared is date received Assay ran 2/1/16 on PE1; GRO equals 84% of TPH jmp 2/1/16

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Alaska Gasoline Calibration Mix Versio	8120	5	mL	6/7/2

Final Volume: 5 mL

Stock Source	**Base Units**	**Amount Added**
Analytes	**CAS**	Conc: **ug/mL**

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CERTIFICATE OF ANALYSIS

Catalog No: GRO-AK-101-GCS-R1
Description: Alaska Gasoline Calibration Mix Version 4/8/02
Lot: 213051468
Solvent: N/A
Hazards: **HIGHLY FLAMMABLE** - *Refer to SDS for safety info*

Danger 2

Date Certified: Jun 7, 2013
Expiration: Jun 7, 2023
Sample Size: 1 mL
Components: 3
Storage Condition: Ambient (>5 °C)

Included on ISO/IEC 17025 Scope of Accreditation: Yes

Included on ISO Guide 34 Scope of Accreditation: Yes

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (%w/w)	Certified Analyte Concentration[2] (%w/w)
Gasoline - Regular, unleaded	8006-61-9	Tech Mix	33.30	33.30
Gasoline - Plus, unleaded	8006-61-9	Tech Mix	33.40	33.40
Gasoline - Premium, unleaded	8006-61-9	Tech Mix	33.30	33.30

ID #: 8120
Opened:_____
Alaska Gasoline Calibration Mix Version 4/8/0
Expires: 6/7/2023
Rec'd: 1/27/2016
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[1] All weighs are traceable through NIST, Test No. 822-275872-11

[2] Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values:
A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

See reverse side for additional information

Certified By:
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

Energy Laboratories Inc

Standard LOG

Standard ID:	TFTL211208		
Standard Name	TFTL	Type:	Secondary
Date Prepared	12/8/2021	BY:	Josie Pickard
Date Expires:	9/10/2029		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final concentration :0.01mg/mL		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	0.9	mL	3/20/

Final Volume: 1 mL

Stock Source		Base Units	Amount Added
TFTM211208	TFTM	ug/mL	0.1 mL

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

Standard ID:	TFTM211208		
Standard Name	TFTM	Type:	Secondary
Date Prepared	12/8/2021	BY:	Josie Pickard
Date Expires:	9/10/2029		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final concentration :0.1mg/mL		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	0.9	mL	3/20/

Final Volume: 1 mL

Stock Source		Base Units	Amount Added
TFT211208	TFT (1.05uL)	ug/mL	0.1 mL

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

Standard ID:	TFT211208		
Standard Name	TFT (1.05uL)	Type:	Secondary
Date Prepared	12/8/2021	BY:	Josie Pickard
Date Expires:	9/10/2029		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Final concentration : 1.0mg/mL

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB199	14400	1.9	mL	3/20/

Final Volume: 2 mL

Stock Source		**Base Units**	**Amount Added**
TFTS210607	TFT Stock	ug/mL	0.1 mL

Analytes	**CAS**	Conc:	**ug/mL**

Energy Laboratories Inc

Standard LOG

Standard ID:	TFTS210607		
Standard Name	TFT Stock	Type:	Primary
Date Prepared	6/7/2021	BY:	Josie Pickard
Date Expires:	9/10/2029		
Department	GCVOA	Status:	New
Vendor:	Accustandard		
Lot Number:	219091095		
Balance ID:			

Comments: 20mg/ml in Meoh Date prepared is date received.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
a,a,a-Trifluorotoluene	13921	10	mL	9/10/

Final Volume: 10 mL

Stock Source	**Base Units**	**Amount Added**
Analytes	**CAS**	Conc: **ug/mL**

Page: *1 of 1*

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CERTIFICATE OF ANALYSIS

Catalog No: M-602-SS-100X
Description: a,a,a-Trifluorotoluene
Lot: 219091095
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Sep 10, 2019
Expiration: Sep 10, 2029
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (mg/mL)	Certified Analyte Concentration[1] (mg/mL)
a,a,a-Trifluorotoluene	98-08-8	99.9	20.01	19.99

ID #: 13921
Opened:_____
a,a,a-Trifluorotoluene
Expires: 9/10/2029
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Standard LOG

Standard ID:	GQC201214		
Standard Name	Gasoline Composite Mix (1.68uL)	Type:	Primary
Date Prepared	12/14/2020	BY:	Josie Pickard
Date Expires:	4/2/2030		
Department	GCVOA	Status:	New
Vendor:	Accustandard		
Lot Number:	220031562		
Balance ID:			

Comments: 5000 ug/mL in MeOH Date prepared is date received; Assay run 4/1/21 on Pe1 GRO range equals 85% jmp, mistyped the date received. The date received was 12/17/20 jmp

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Gasoline Composite Mix	13338	5	mL	4/2/2

Final Volume: 5 mL

Stock Source **Base Units** **Amount Added**

Analytes **CAS** Conc: **ug/mL**

Page: *1 of 1*

Josie

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CERTIFICATE OF ANALYSIS

Catalog No: GRO-AK-101-GCS
Description: Gasoline Composite Mix
Lot: 220031562
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Apr 2, 2020
Expiration: Apr 2, 2030
Sample Size: 1 mL
Components: 3
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
Gasoline - Premium, unleaded	N/A	Tech Mix	1660	1660
Gasoline - Regular, leaded	N/A	Tech Mix	1674	1674
Gasoline - Regular, unleaded	N/A	Tech Mix	1673	1673

ID #: 13338
Opened:_____
Gasoline Composite Mix
Expires: 4/2/2030
Rec'd: 12/17/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[2] All weights are traceable through NIST, Test No. 684/289871-17

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

Energy Laboratories Inc

Standard LOG

Standard ID:	GAS210122		
Standard Name	Unleaded Gasoline Comp. Std.(2.0uL)	Type:	Secondary
Date Prepared	1/22/2021	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Concentration : 4.2ug/ul		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap DZ880	13323	10	mL	9/18/

Final Volume: 10 mL

Stock Source		Base Units	Amount Added
GASH210122	Unleaded Gasoline Composite	ug/mL	0.84 mL

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

Standard ID:	GASH210122		
Standard Name	Unleaded Gasoline Composite	Type:	Primary
Date Prepared	1/22/2021	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			

Comments: Concetration : 50,000 ug/ml

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap DZ880	13323	10	mL	9/18/

Final Volume: 10 mL

Stock Source		**Base Units**	**Amount Added**
3GAS160127	Alaska Gasoline Calibration Mix Versio	ug/mL	0.5022 g

Analytes	**CAS**	Conc:	**ug/mL**

Energy Laboratories Inc

Standard LOG

Standard ID:	3GAS160127		
Standard Name	Alaska Gasoline Calibration Mix Version 4/8/0	Type:	Neat
Date Prepared	1/27/2016	BY:	Josie Pickard
Date Expires:	6/7/2023		
Department	GCVOA	Status:	New
Vendor:	Accustandard		
Lot Number:	213051468		
Balance ID:			

Comments: 33% of each gasoline Date prepared is date received Assay ran 2/1/16 on PE1; GRO equals 84% of TPH jmp 2/1/16

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Alaska Gasoline Calibration Mix Versio	8120	5	mL	6/7/2

Final Volume: 5 mL

Stock Source	**Base Units**	**Amount Added**
Analytes	**CAS**	Conc: **ug/mL**

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CERTIFICATE OF ANALYSIS

Catalog No: GRO-AK-101-GCS-R1
Description: Alaska Gasoline Calibration Mix Version 4/8/02
Lot: 213051468
Solvent: N/A
Hazards: **HIGHLY FLAMMABLE** - *Refer to SDS for safety info*

Danger 2

Date Certified: Jun 7, 2013
Expiration: Jun 7, 2023
Sample Size: 1 mL
Components: 3
Storage Condition: Ambient (>5 °C)

Included on ISO/IEC 17025 Scope of Accreditation: Yes

Included on ISO Guide 34 Scope of Accreditation: Yes

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (%w/w)	Certified Analyte Concentration[2] (%w/w)
Gasoline - Regular, unleaded	8006-61-9	Tech Mix	33.30	33.30
Gasoline - Plus, unleaded	8006-61-9	Tech Mix	33.40	33.40
Gasoline - Premium, unleaded	8006-61-9	Tech Mix	33.30	33.30

ID #: 8120
Opened:_____
Alaska Gasoline Calibration Mix Version 4/8/0
Expires: 6/7/2023
Rec'd: 1/27/2016
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[1] All weighs are traceable through NIST, Test No. 822-275872-11

[2] Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values:
A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

See reverse side for additional information

Certified By:
Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

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Energy Laboratories Inc

Standard LOG

Standard ID:	TFT220106		
Standard Name	TFT (1.05uL)	Type:	Secondary
Date Prepared	1/6/2022	BY:	Josie Pickard
Date Expires:	9/10/2029		
Department	GCVOA	Status:	New
Vendor:			
Lot Number:			
Balance ID:			
Comments:	Final concentration : 1.0mg/mL		

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
Methanol, Purge and Trap EB373	14519	1.9	mL	4/16/

Final Volume: 2 mL

Stock Source		Base Units	Amount Added
TFTS210607	TFT Stock	ug/mL	0.1 mL

Analytes	CAS	Conc:	ug/mL

Page: *1 of 1*

Energy Laboratories Inc

Standard LOG

Standard ID:	TFTS210607		
Standard Name	TFT Stock	Type:	Primary
Date Prepared	6/7/2021	BY:	Josie Pickard
Date Expires:	9/10/2029		
Department	GCVOA	Status:	New
Vendor:	Accustandard		
Lot Number:	219091095		
Balance ID:			

Comments: 20mg/ml in Meoh Date prepared is date received.

Chemical / Solvent Used	BottleNo	Amt	Units	Exp
a,a,a-Trifluorotoluene	13921	10	mL	9/10/

Final Volume: 10 mL

Stock Source	**Base Units**	**Amount Added**
Analytes	**CAS**	Conc: **ug/mL**

Page: *1 of 1*

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CERTIFICATE OF ANALYSIS

Catalog No: M-602-SS-100X
Description: a,a,a-Trifluorotoluene
Lot: 219091095
Solvent: Methanol
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Sep 10, 2019
Expiration: Sep 10, 2029
Sample Size: 1 mL
Components: 1
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER AR-1463
ANAB ACCREDITED TESTING LABORATORY AT-1339
ilac-MRA

Component	CAS #	Purity % (GC/MS)	Prepared Concentration² (mg/mL)	Certified Analyte Concentration¹ (mg/mL)
a,a,a-Trifluorotoluene	98-08-8	99.9	20.01	19.99

ID #: 13921
Opened:_____
a,a,a-Trifluorotoluene
Expires: 9/10/2029
Rec'd: 6/7/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

² All weights are traceable through NIST, Test No. 684/289871-17

¹ Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4%. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: _____
Larry Decker, Organic QC Manager

Page 1 of 1

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