284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	P4599	**OrderDate:**	10/28/2024 3:59:00 PM
Client:	ENTACT	**Project:**	North Point
Contact:	Wyatt Seel	**Location:**	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4599-01	**EX-1-TPH-1**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-02	**EX-1-TPH-2**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-03	**EX-1-TPH-3**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-04	**EX-1-TPH-4**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-05	**EX-1-TPH-5**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-06	**EX-1-TPH-6**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-07	**EX-1-TPH-7**	**SOIL**			**10/28/24**			**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	

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LAB CHRONICLE

P4599-08	**EX-1-TPH-8**	**SOIL**			**10/28/24**		**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/31/24
			Gasoline Range Organics	8015D			10/30/24
P4599-09	**EX-1-TPH-9**	**SOIL**			**10/28/24**		**10/28/24**
			Diesel Range Organics	8015D		10/30/24	10/31/24
			Gasoline Range Organics	8015D			10/30/24

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: ENTACT

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

EPA SAMPLE NO.	S1 AAA-TFT		S2	S3	S4	TOT OUT
VBF1029S2	101					0
BSF1029S1	109					0
BSF1029S2	131					0
EX-1-TPH-1	207	*				1
EX-1-TPH-4	1441	*				1
EX-1-TPH-7	107					0
EX-1-TPH-2	140					0
EX-1-TPH-3	203	*				1
VBF1030S2	76					0
BSF1030S1	97					0
EX-1-TPH-5	173	*				1
EX-1-TPH-6	127					0
EX-1-TPH-8	238	*				1
EX-1-TPH-9	179	*				1

	QC LIMITS
AAA-TFT	For Water : 50-150 For Soil : 50-150

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name: Chemtech **Client:** ENTACT

Lab Code: CHEM **Cas No:** P4599 **SAS No :** P4599 **SDG No:** P4599

Matrix Spike - EPA Sample No : BSF1029S1 **Datafile:** FB031057.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	169	94	50-150

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name: Chemtech **Client:** ENTACT

Lab Code: CHEM **Cas No:** P4599 **SAS No :** P4599 **SDG No:** P4599

Matrix Spike - EPA Sample No : BSF1029S2 **Datafile:** FB031062.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	202	112	50-150

LCS/LCSD % Recovery RPD : 17.8

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name: Chemtech **Client:** ENTACT

Lab Code: CHEM **Cas No:** P4599 **SAS No :** P4599 **SDG No:** P4599

Matrix Spike - EPA Sample No : BSF1030S1 **Datafile:** FB031088.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	165	92	50-150

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METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1029S2

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG NO.: P4599

Lab File ID: FB031056.D Lab Sample ID: VBF1029S2

Date Analyzed: 10/29/24 Time Analyzed: 10:51

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1029S1	BSF1029S1	FB031057.D	10/29/24
BSF1029S2	BSF1029S2	FB031062.D	10/29/24
EX-1-TPH-1	P4599-01	FB031069.D	10/29/24
EX-1-TPH-4	P4599-04	FB031072.D	10/29/24
EX-1-TPH-7	P4599-07	FB031077.D	10/29/24
EX-1-TPH-2	P4599-02	FB031080.D	10/29/24
EX-1-TPH-3	P4599-03	FB031081.D	10/30/24

COMMENTS:

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METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1030S2

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG NO.: P4599

Lab File ID: FB031087.D Lab Sample ID: VBF1030S2

Date Analyzed: 10/30/24 Time Analyzed: 10:09

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: FB

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1030S1	BSF1030S1	FB031088.D	10/30/24
EX-1-TPH-5	P4599-05	FB031089.D	10/30/24
EX-1-TPH-6	P4599-06	FB031090.D	10/30/24
EX-1-TPH-8	P4599-08	FB031091.D	10/30/24
EX-1-TPH-9	P4599-09	FB031092.D	10/30/24

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81.2 Decanted:
Sample Wt/Vol:	7.32 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031069.D	100	10/29/24 17:58	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	50400		649	3790	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	41.4	*	50 - 150	207%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031069.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 17:58
Operator : YP/AJ
Sample : P4599-01 100X
Misc : 7.32G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-1

Integration File: Calibration.e
Quant Time: Oct 30 05:25:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.808	1142590	41.394 ng/ml
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

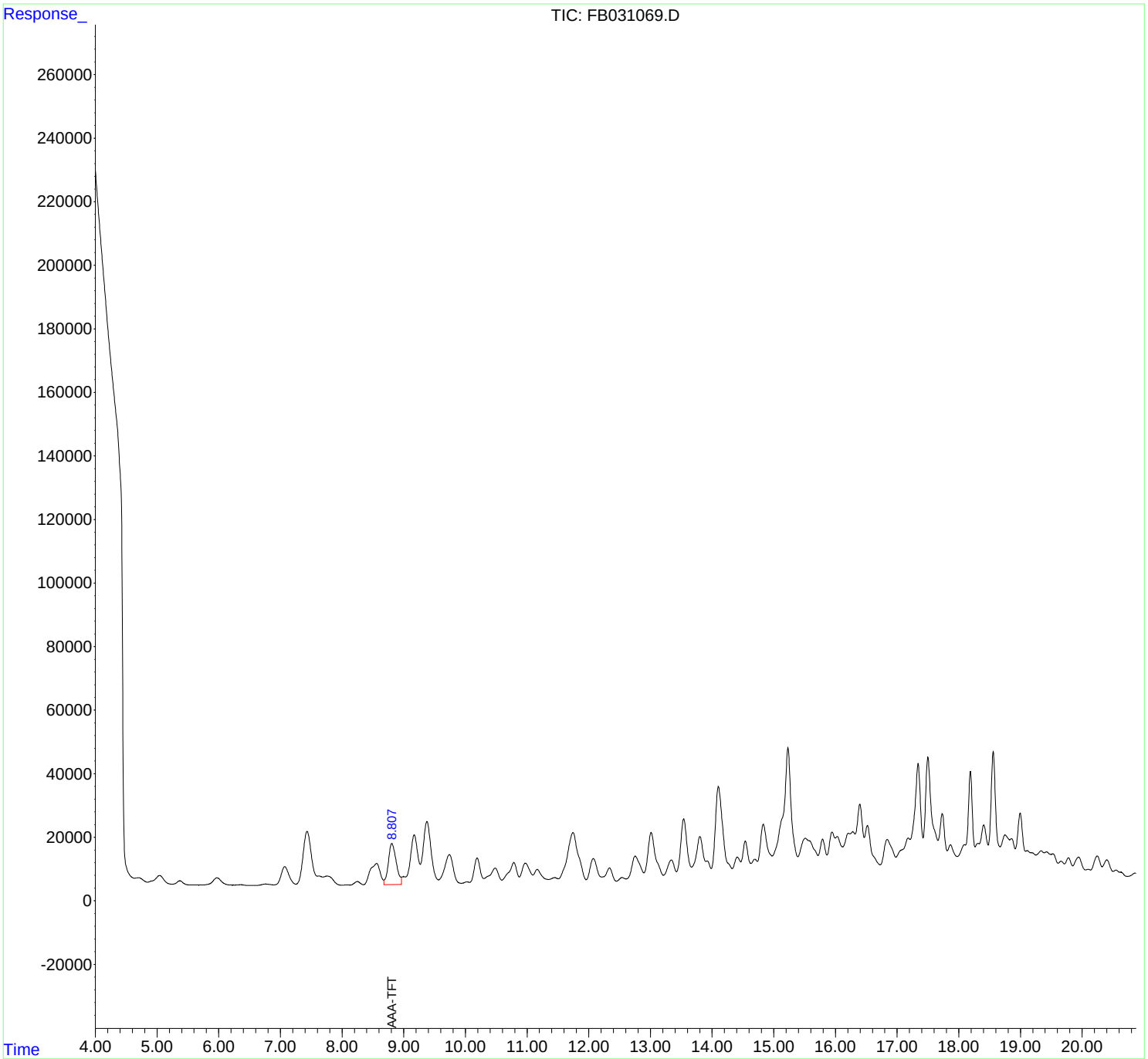
Quantitation Report (QT Reviewed)

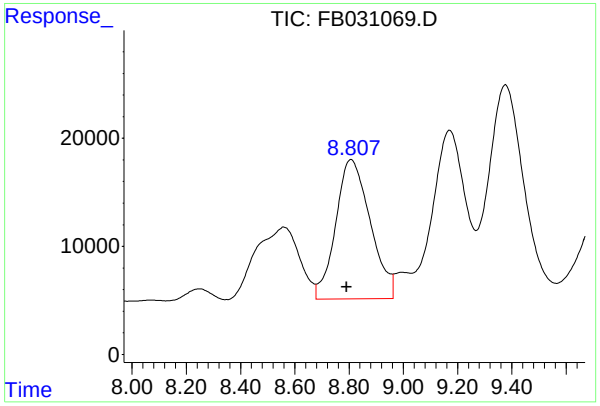
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031069.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 17:58
Operator : YP/AJ
Sample : P4599-01 100X
Misc : 7.32G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-1

Integration File: Calibration.e
Quant Time: Oct 30 05:25:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.808 min
Delta R.T.: 0.017 mir
Response: 1142590
Conc: 41.39 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-1

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031069.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 17:58
Sample : P4599-01 100X
Misc : 7.32G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.700	4.604	4.851	BV	545	33526	1.06%	0.119%
2	5.041	4.851	5.247	PV	2418	218913	6.91%	0.775%
3	5.528	5.520	5.550	PV	10	171	0.01%	0.001%
4	5.560	5.550	5.642	PB	26	444	0.01%	0.002%
5	5.739	5.662	5.748	BV	53	1447	0.05%	0.005%
6	5.974	5.748	6.193	VV	2340	230550	7.28%	0.816%
7	6.200	6.193	6.258	VV	113	3811	0.12%	0.013%
8	6.350	6.258	6.489	VV	212	16802	0.53%	0.059%
9	6.496	6.489	6.519	PV	6	73	0.00%	0.000%
10	6.540	6.519	6.552	PV	9	73	0.00%	0.000%
11	6.576	6.552	6.589	VV	13	163	0.01%	0.001%
12	6.799	6.797	6.897	VV	407	15826	0.50%	0.056%
13	7.071	6.897	7.254	VV	5901	531757	16.78%	1.883%
14	7.433	7.254	7.599	VV	17004	1637339	51.68%	5.797%
15	7.628	7.599	7.691	VV	2922	153329	4.84%	0.543%
16	7.759	7.691	7.986	VV	2886	299140	9.44%	1.059%
17	8.068	7.986	8.127	PV	90	3435	0.11%	0.012%
18	8.249	8.127	8.345	VV	1083	66649	2.10%	0.236%
19	8.560	8.345	8.678	VV	6709	752086	23.74%	2.663%
20	8.807	8.678	8.961	VV	12902	1140685	36.01%	4.038%
21	8.997	8.961	9.028	VV	2404	93757	2.96%	0.332%
22	9.170	9.028	9.269	VV	15502	1298327	40.98%	4.597%
23	9.377	9.269	9.565	VV	19686	1781647	56.24%	6.308%
24	9.740	9.565	9.935	VV	9137	889372	28.07%	3.149%
25	10.025	9.935	10.069	VV	496	23999	0.76%	0.085%
26	10.190	10.069	10.302	VV	7961	543076	17.14%	1.923%
27	10.483	10.302	10.594	VV	4698	477803	15.08%	1.692%
28	10.786	10.594	10.875	VV	6347	584017	18.43%	2.068%
29	10.973	10.875	11.094	VV	6125	545192	17.21%	1.930%
30	11.165	11.094	11.349	VV	4115	359504	11.35%	1.273%
31	11.448	11.349	11.506	VV	1425	110526	3.49%	0.391%
32	11.745	11.506	11.959	VV	15542	1962445	61.94%	6.948%
33	12.076	11.959	12.212	VV	7250	586446	18.51%	2.076%
34	12.337	12.212	12.450	VV	4229	309275	9.76%	1.095%
35	12.542	12.450	12.604	PV	986	53230	1.68%	0.188%
36	12.754	12.604	12.894	VV	7294	662635	20.92%	2.346%

rteres

37	13.012	12.894	13.214	VV	14147	1194263	37.70%	4.228%
38	13.340	13.214	13.422	VV	4827	335547	10.59%	1.188%
39	13.540	13.422	13.669	VV	17362	1205308	38.05%	4.267%
40	13.803	13.669	13.985	VV	11233	971639	30.67%	3.440%
41	14.103	13.985	14.326	VV	26296	2066914	65.24%	7.318%
42	14.410	14.326	14.464	PV	3377	172049	5.43%	0.609%
43	14.539	14.464	14.631	VV	8095	423603	13.37%	1.500%
44	14.694	14.631	14.733	VV	1963	89701	2.83%	0.318%
45	14.831	14.733	14.974	VV	12571	900343	28.42%	3.188%
46	15.231	14.974	15.391	VV	35581	3168084	100.00%	11.216%
47	15.512	15.391	15.718	VV	6299	741923	23.42%	2.627%
48	15.792	15.718	15.864	VV	5222	226223	7.14%	0.801%
49	15.946	15.864	15.998	PV	6491	322169	10.17%	1.141%
50	16.028	15.998	16.116	VV	4378	194689	6.15%	0.689%
51	16.281	16.116	16.317	VV	3537	315551	9.96%	1.117%
52	16.396	16.317	16.469	VV	11126	530051	16.73%	1.877%

Sum of corrected areas: 28245528

FB102824.M Wed Oct 30 06:14:29 2024

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Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2	SDG No.:	P4599
Lab Sample ID:	P4599-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81.9 Decanted:
Sample Wt/Vol:	7.74 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031080.D	200	10/29/24 23:43	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	94100		1220	7100	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	28.0		50 - 150	140%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031080.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 23:43
Operator : YP/AJ
Sample : P4599-02 200X
Misc : 7.74G/5.00 ML MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-2

Integration File: Calibration.e
Quant Time: Oct 30 05:27:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.793	774115	28.045 ng/ml
	Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

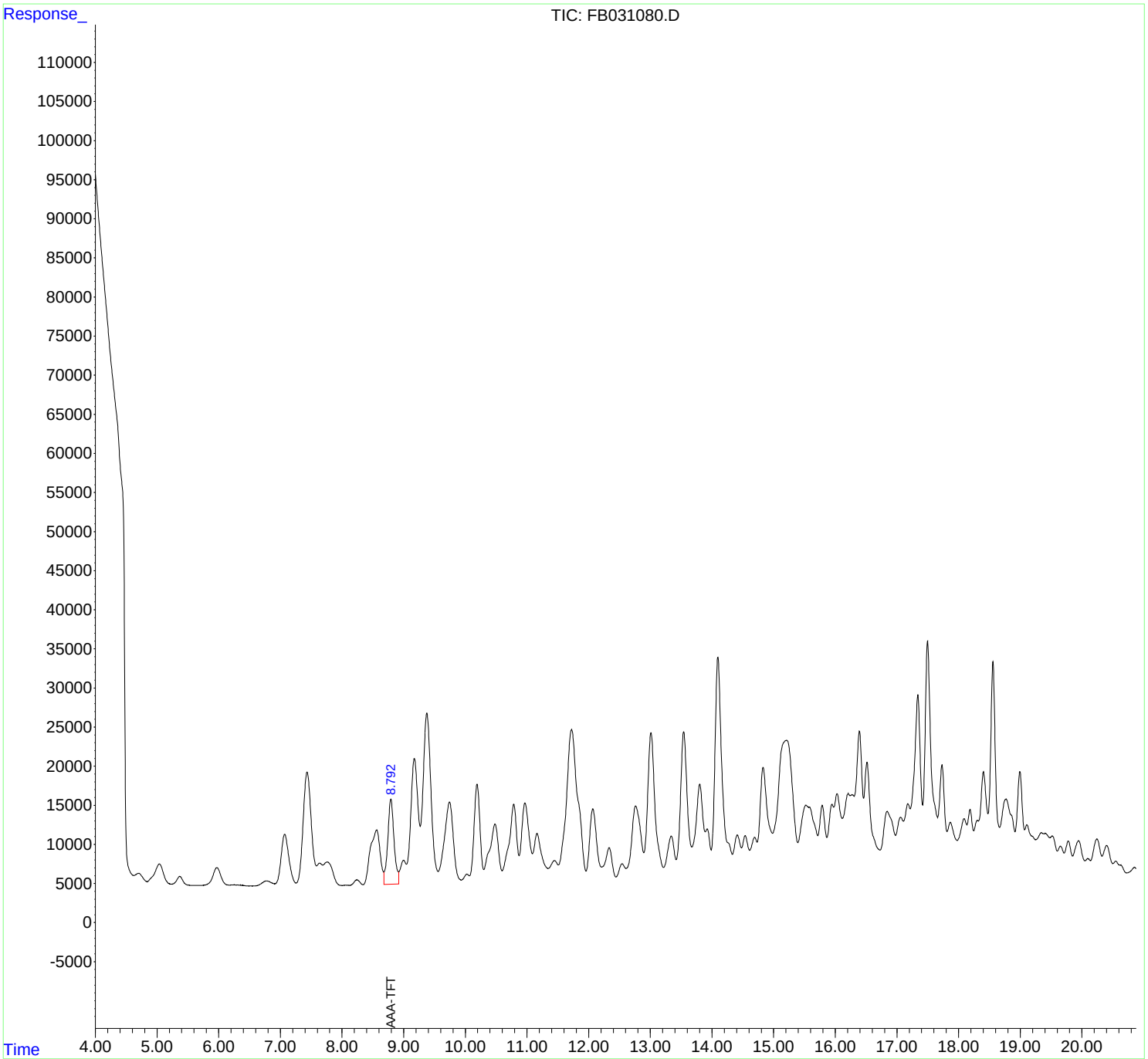
Quantitation Report (QT Reviewed)

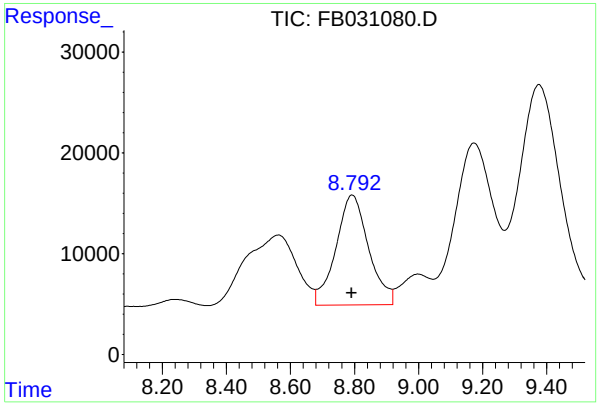
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031080.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 23:43
Operator : YP/AJ
Sample : P4599-02 200X
Misc : 7.74G/5.00 ML MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-2

Integration File: Calibration.e
Quant Time: Oct 30 05:27:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.793 min
Delta R.T.: 0.002 mir
Response: 774115
Conc: 28.04 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-2

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031080.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 23:43
Sample : P4599-02 200X
Misc : 7.74G/5.00 ML MEOH
ALS Vial : 31 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.702	4.587	4.841	BV	544	31792	1.28%	0.114%
2	5.516	5.503	5.580	PV	23	112	0.00%	0.000%
3	5.591	5.580	5.612	PV	10	110	0.00%	0.000%
4	5.636	5.612	5.705	PV	19	591	0.02%	0.002%
5	5.972	5.705	6.182	VV	2316	216031	8.70%	0.778%
6	6.246	6.182	6.331	VV	141	10584	0.43%	0.038%
7	6.516	6.496	6.555	PV	19	358	0.01%	0.001%
8	6.777	6.555	6.917	PV	635	72484	2.92%	0.261%
9	7.072	6.917	7.259	VV	6601	592014	23.83%	2.131%
10	7.434	7.259	7.588	VV	14547	1363588	54.89%	4.909%
11	7.639	7.588	7.690	VV	2886	168309	6.78%	0.606%
12	7.763	7.690	8.007	VV	3022	307059	12.36%	1.105%
13	8.061	8.007	8.122	PV	48	1963	0.08%	0.007%
14	8.236	8.122	8.340	PV	683	43123	1.74%	0.155%
15	8.563	8.340	8.679	VV	6989	774785	31.19%	2.789%
16	8.793	8.679	8.919	VV	10907	773535	31.14%	2.785%
17	8.999	8.919	9.046	VV	3009	186325	7.50%	0.671%
18	9.174	9.046	9.269	VV	15978	1315531	52.96%	4.736%
19	9.377	9.269	9.560	VV	21736	1962970	79.02%	7.067%
20	9.744	9.560	9.936	VV	10278	1046612	42.13%	3.768%
21	10.026	9.936	10.069	VV	976	53785	2.17%	0.194%
22	10.191	10.069	10.301	VV	12436	845152	34.02%	3.043%
23	10.482	10.301	10.598	VV	7273	741022	29.83%	2.668%
24	10.786	10.598	10.873	VV	9738	856447	34.48%	3.083%
25	10.968	10.873	11.089	VV	9832	840048	33.82%	3.024%
26	11.164	11.089	11.349	VV	5905	542776	21.85%	1.954%
27	11.447	11.349	11.509	VV	2355	187604	7.55%	0.675%
28	11.723	11.509	11.958	VV	19055	2484068	100.00%	8.943%
29	12.069	11.958	12.213	VV	8828	697633	28.08%	2.512%
30	12.333	12.213	12.445	VV	3779	281376	11.33%	1.013%
31	12.544	12.445	12.609	PV	1552	92089	3.71%	0.332%
32	12.763	12.609	12.895	VV	8614	834239	33.58%	3.003%
33	13.012	12.895	13.215	VV	17616	1407717	56.67%	5.068%
34	13.341	13.215	13.420	VV	3916	257510	10.37%	0.927%
35	13.542	13.420	13.675	VV	16939	1214167	48.88%	4.371%
36	13.802	13.675	13.893	VV	9860	753642	30.34%	2.713%

rteres

37	13.922	13.893	13.986	VV	3964	170901	6.88%	0.615%
38	14.097	13.986	14.332	VV	25672	1866670	75.15%	6.720%
39	14.412	14.332	14.483	VV	2478	130481	5.25%	0.470%
40	14.540	14.483	14.613	VV	2204	101387	4.08%	0.365%
41	14.693	14.613	14.731	VV	1753	80276	3.23%	0.289%
42	14.830	14.731	14.982	VV	10489	786844	31.68%	2.833%
43	15.208	14.982	15.394	VV	13388	1941429	78.16%	6.989%
44	15.526	15.394	15.715	VV	4613	547962	22.06%	1.973%
45	15.789	15.715	15.865	VV	4208	190644	7.67%	0.686%
46	16.030	15.865	16.115	PV	4209	367409	14.79%	1.323%
47	16.211	16.115	16.245	VV	2665	132312	5.33%	0.476%
48	16.274	16.245	16.302	VV	2018	66544	2.68%	0.240%
49	16.392	16.302	16.461	VV	9161	436551	17.57%	1.572%

Sum of corrected areas: 27776558

FB102824.M Wed Oct 30 06:19:32 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.9 Decanted:
Sample Wt/Vol:	7.39 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031081.D	200	10/30/24 0:09	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	140000		1230	7170	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	40.5	*	50 - 150	203%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031081.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 00:09
Operator : YP/AJ
Sample : P4599-03 200X
Misc : 7.39G/5.00 ML MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-3

Integration File: Calibration.e
Quant Time: Oct 30 05:27:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.793	1118484	40.521 ng/ml
Target Compounds				

(f)=RT Delta > 1/2 Window (m)=manual int.

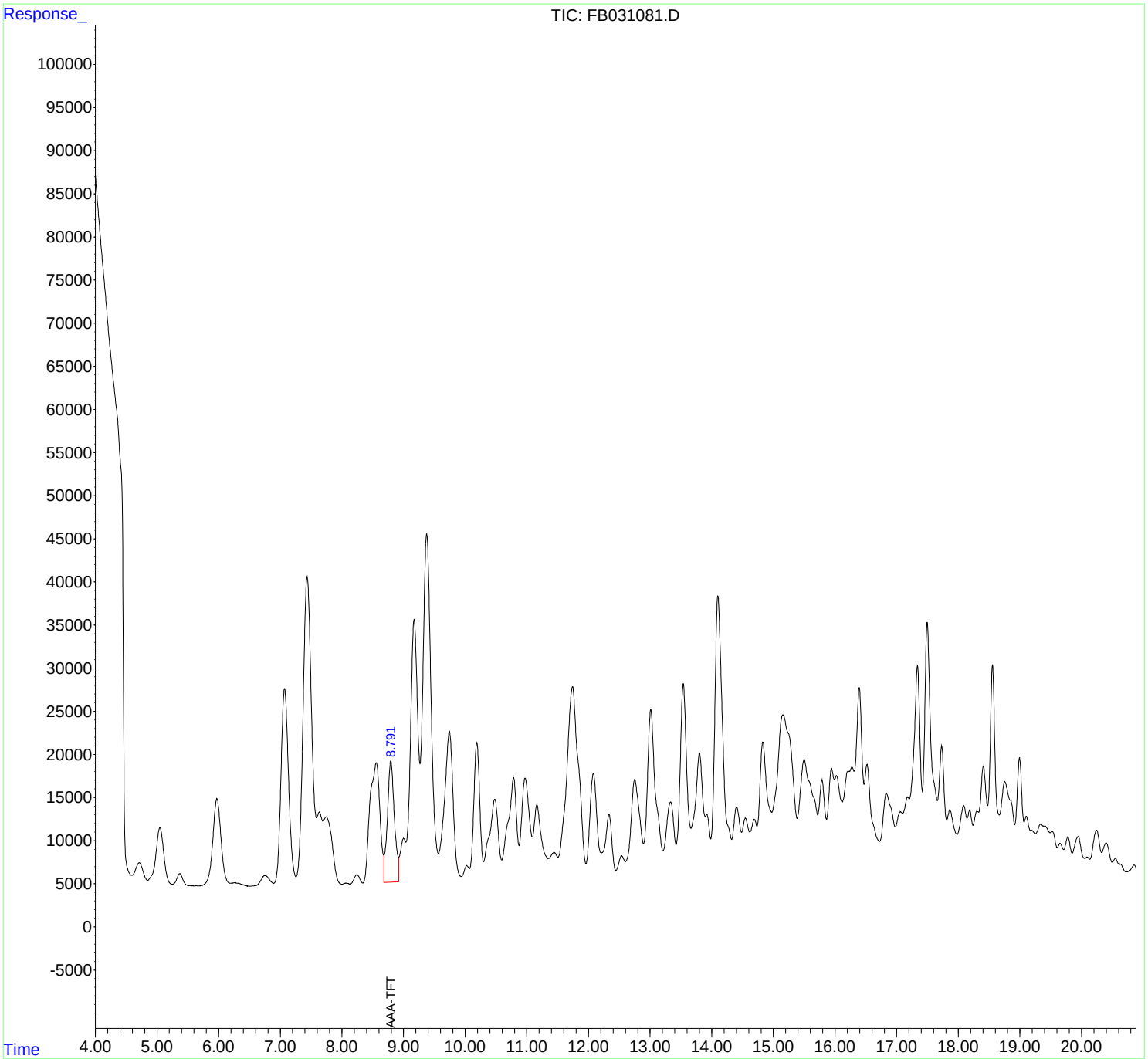
Quantitation Report (QT Reviewed)

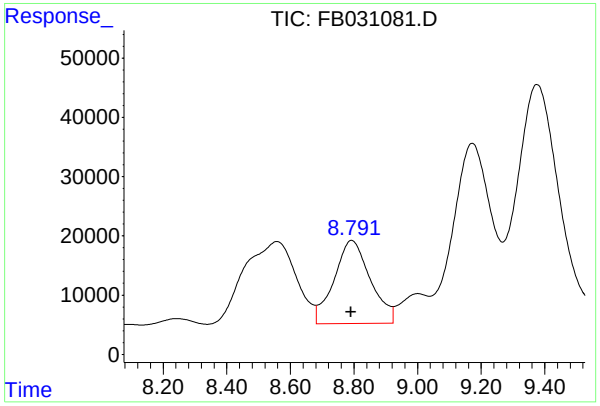
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031081.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 00:09
Operator : YP/AJ
Sample : P4599-03 200X
Misc : 7.39G/5.00 ML MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-3

Integration File: Calibration.e
Quant Time: Oct 30 05:27:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.793 min
Delta R.T.: 0.002 mi
Response: 1118484
Conc: 40.52 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-3

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031081.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 00:09
Sample : P4599-03 200X
Misc : 7.39G/5.00 ML MEOH
ALS Vial : 32 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.713	4.554	4.850	BV	1662	115506	3.09%	0.283%
2	5.577	5.563	5.620	PV	17	352	0.01%	0.001%
3	5.629	5.620	5.666	VV	29	395	0.01%	0.001%
4	5.972	5.666	6.188	PV	10141	957510	25.64%	2.344%
5	7.070	6.895	7.255	VV	22817	1976635	52.92%	4.839%
6	7.436	7.255	7.590	VV	35757	3481496	93.22%	8.523%
7	7.633	7.590	7.693	VV	8411	495640	13.27%	1.213%
8	7.746	7.693	7.998	VV	7859	764725	20.48%	1.872%
9	8.068	7.998	8.131	VV	120	5613	0.15%	0.014%
10	8.244	8.131	8.338	PV	1045	63926	1.71%	0.156%
11	8.558	8.338	8.681	VV	13918	1577974	42.25%	3.863%
12	8.793	8.681	8.923	VV	14040	1119146	29.97%	2.740%
13	9.173	9.039	9.268	VV	30294	2501712	66.98%	6.124%
14	9.376	9.268	9.567	VV	40111	3734822	100.00%	9.143%
15	9.744	9.567	9.937	VV	17103	1687399	45.18%	4.131%
16	10.189	10.066	10.301	VV	15690	1066369	28.55%	2.611%
17	10.481	10.301	10.594	VV	8993	914811	24.49%	2.239%
18	10.785	10.594	10.874	VV	11397	1101080	29.48%	2.695%
19	10.973	10.874	11.090	VV	11239	988367	26.46%	2.420%
20	11.164	11.090	11.354	VV	8080	734064	19.65%	1.797%
21	11.442	11.354	11.505	VV	2474	197574	5.29%	0.484%
22	11.742	11.505	11.960	VV	21589	2888094	77.33%	7.070%
23	12.080	11.960	12.211	VV	11363	906924	24.28%	2.220%
24	12.334	12.211	12.447	VV	6554	476010	12.75%	1.165%
25	12.751	12.601	12.893	VV	10038	936090	25.06%	2.292%
26	13.012	12.893	13.211	VV	17678	1552695	41.57%	3.801%
27	13.332	13.211	13.422	VV	6414	490977	13.15%	1.202%
28	13.539	13.422	13.664	VV	19783	1393054	37.30%	3.410%
29	13.802	13.664	13.984	VV	11303	1072602	28.72%	2.626%
30	14.101	13.984	14.323	VV	28976	2316089	62.01%	5.670%
31	14.405	14.323	14.485	VV	3998	225711	6.04%	0.553%
32	14.548	14.485	14.620	VV	2445	128806	3.45%	0.315%
33	14.829	14.733	14.974	VV	10771	802672	21.49%	1.965%
34	15.158	14.974	15.386	VV	13356	1985938	53.17%	4.862%
35	15.500	15.386	15.720	VV	7606	840073	22.49%	2.057%
36	15.789	15.720	15.862	VV	4723	211296	5.66%	0.517%

rteres

37	15.945	15.862	15.993	PV	5335	260680	6.98%	0.638%
38	16.275	16.116	16.309	VV	3339	284188	7.61%	0.696%
39	16.394	16.309	16.473	VV	11743	591874	15.85%	1.449%

Sum of corrected areas: 40848888

FB102824.M Wed Oct 30 06:45:14 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.4 Decanted:
Sample Wt/Vol:	6.96 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031072.D	50	10/29/24 19:18	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	92900		321	1870	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	288	*	50 - 150	1441%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031072.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 19:18
Operator : YP/AJ
Sample : P4599-04 50X
Misc : 6.96G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-4

Integration File: Calibration.e
Quant Time: Oct 30 05:26:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.850	7953109	288.126 ng/ml
	Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

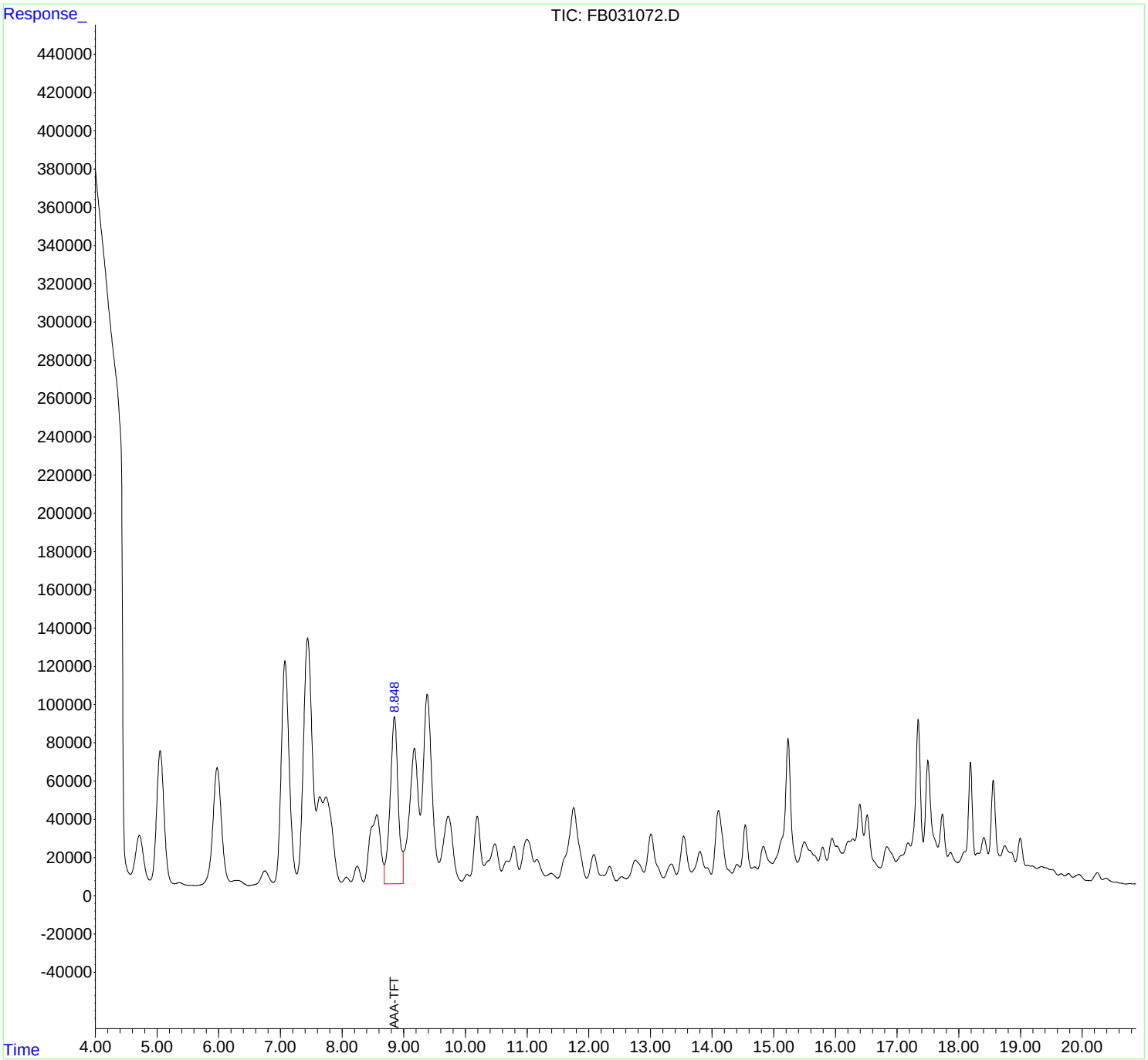
Quantitation Report (QT Reviewed)

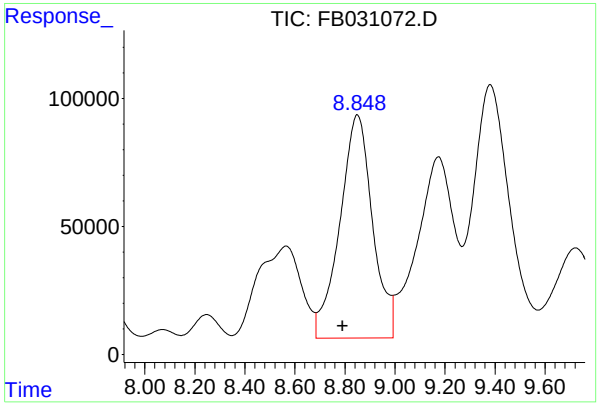
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031072.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 19:18
Operator : YP/AJ
Sample : P4599-04 50X
Misc : 6.96G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-4

Integration File: Calibration.e
Quant Time: Oct 30 05:26:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.850 min
Delta R.T.: 0.059 mi
Response: 7953109
Conc: 288.13 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-4

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031072.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 19:18
Sample : P4599-04 50X
Misc : 6.96G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.537	4.886	BV	21454	1711093	13.36%	1.568%
2	5.975	5.623	6.200	PV	61651	6098034	47.63%	5.589%
3	6.296	6.200	6.499	VV	2707	309537	2.42%	0.284%
4	7.075	6.885	7.269	VV	117225	10658420	83.24%	9.769%
5	7.443	7.269	7.581	VV	129111	12804022	100.00%	11.735%
6	7.641	7.581	7.688	VV	45957	2795756	21.83%	2.562%
7	7.740	7.688	7.989	VV	45800	4693843	36.66%	4.302%
8	8.072	7.989	8.144	VV	3691	229094	1.79%	0.210%
9	8.247	8.144	8.348	VV	9460	638249	4.98%	0.585%
10	8.565	8.348	8.684	VV	36144	4363131	34.08%	3.999%
11	8.850	8.684	8.992	VV	87339	7952913	62.11%	7.289%
12	9.174	8.992	9.269	VV	70722	7207432	56.29%	6.606%
13	9.381	9.269	9.573	VV	98880	9880588	77.17%	9.056%
14	9.722	9.573	9.939	VV	34864	3857676	30.13%	3.536%
15	10.030	9.939	10.075	VV	4360	243442	1.90%	0.223%
16	10.192	10.075	10.303	VV	34667	2537356	19.82%	2.326%
17	10.478	10.303	10.586	VV	20085	2226182	17.39%	2.040%
18	10.675	10.586	10.701	VV	11094	643928	5.03%	0.590%
19	10.788	10.701	10.876	VV	18743	1394029	10.89%	1.278%
20	11.000	10.876	11.121	VV	22181	2345023	18.31%	2.149%
21	11.160	11.121	11.303	VV	11684	844452	6.60%	0.774%
22	11.391	11.303	11.497	VV	4340	390370	3.05%	0.358%
23	11.757	11.497	11.968	VV	38547	4701793	36.72%	4.309%
24	12.083	11.968	12.251	VV	13908	1130680	8.83%	1.036%
25	12.340	12.251	12.449	VV	7573	490231	3.83%	0.449%
26	12.536	12.449	12.604	PV	1961	105907	0.83%	0.097%
27	12.758	12.604	12.894	VV	10137	1021616	7.98%	0.936%
28	13.009	12.894	13.212	VV	23308	1908970	14.91%	1.750%
29	13.340	13.212	13.424	PV	6949	490794	3.83%	0.450%
30	13.541	13.424	13.665	VV	21156	1460617	11.41%	1.339%
31	13.804	13.665	13.985	VV	12431	1071963	8.37%	0.982%
32	14.104	13.985	14.324	VV	33286	2636198	20.59%	2.416%
33	14.406	14.324	14.450	PV	4221	198281	1.55%	0.182%
34	14.539	14.450	14.645	VV	24326	1267609	9.90%	1.162%
35	14.690	14.645	14.736	VV	1731	69966	0.55%	0.064%
36	14.832	14.736	14.978	VV	11809	840959	6.57%	0.771%

rteres

37	15.233	14.978	15.386	VV	66305	4708325	36.77%	4.315%
38	15.499	15.386	15.722	VV	11175	1143886	8.93%	1.048%
39	15.794	15.722	15.863	VV	7144	298578	2.33%	0.274%
40	15.947	15.863	16.114	PV	10261	701314	5.48%	0.643%
41	16.284	16.114	16.313	PV	3015	268629	2.10%	0.246%
42	16.396	16.313	16.461	VV	18122	767546	5.99%	0.703%

Sum of corrected areas: 109108432

FB102824.M Wed Oct 30 06:16:03 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5	SDG No.:	P4599
Lab Sample ID:	P4599-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.1 Decanted:
Sample Wt/Vol:	7.33 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031089.D	250	10/30/24 11:16	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	76000		1570	9130	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	34.6	*	50 - 150	173%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031089.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 11:16
Operator : YP/AJ
Sample : P4599-05 250X
Misc : 7.33G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-5

Integration File: Calibration.e
Quant Time: Nov 01 03:44:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
5) s AAA-TFT	8.800	955278	34.608 ng/ml
Target Compounds			

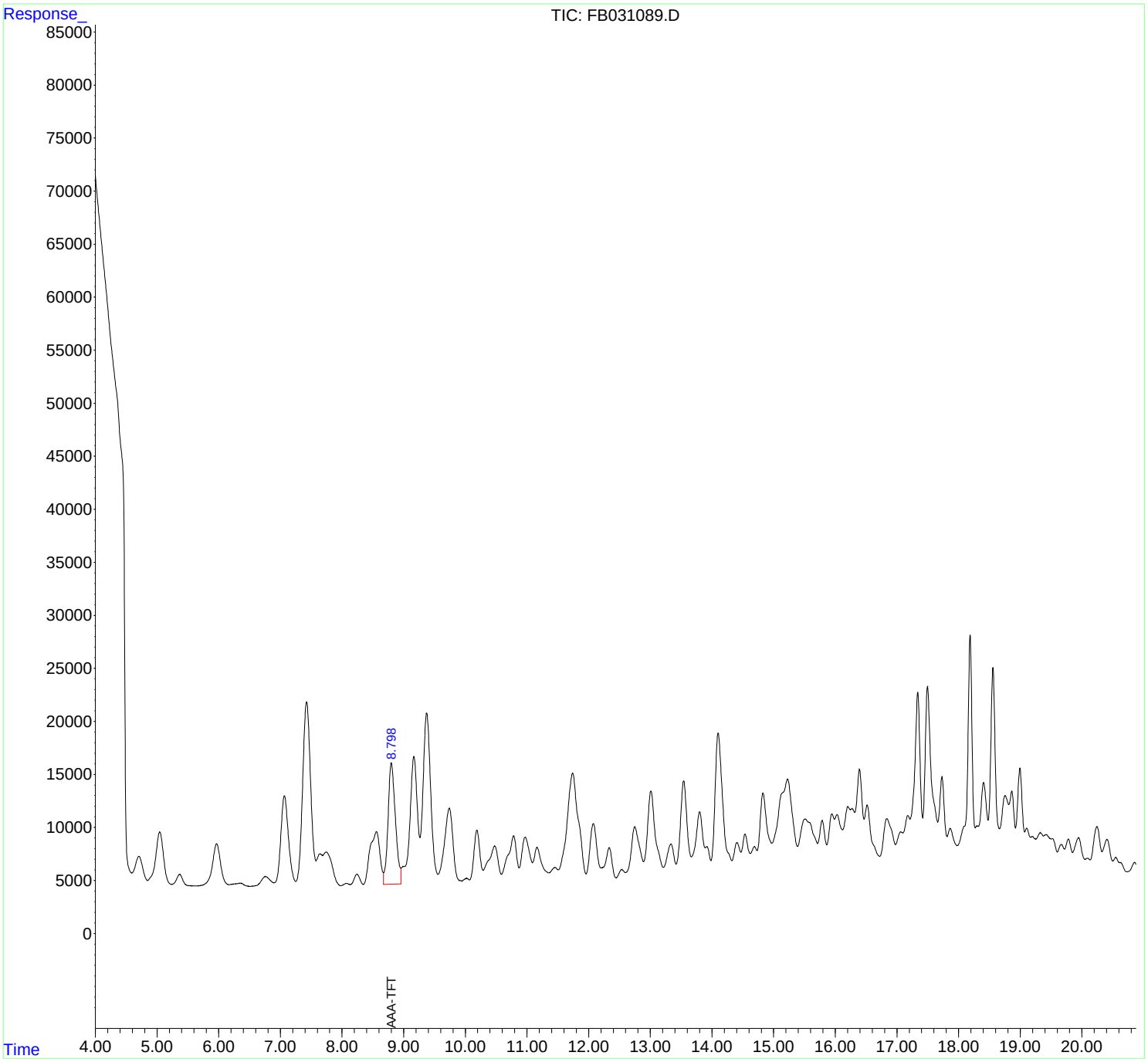
(f)=RT Delta > 1/2 Window (m)=manual int.

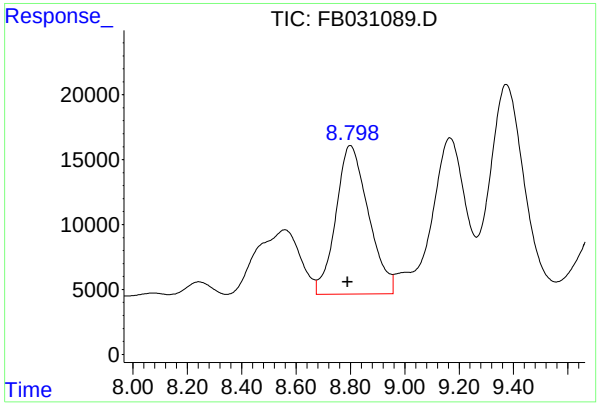
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031089.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 11:16
Operator : YP/AJ
Sample : P4599-05 250X
Misc : 7.33G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-5

Integration File: Calibration.e
Quant Time: Nov 01 03:44:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.800 min
Delta R.T.: 0.009 mi
Response: 955278
Conc: 34.61 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-5

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031089.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 11:16
Sample : P4599-05 250X
Misc : 7.33G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.705	4.554	4.847	BV	1790	121462	7.66%	0.678%
2	5.550	5.537	5.576	PV	14	254	0.02%	0.001%
3	5.589	5.576	5.628	VV	18	348	0.02%	0.002%
4	5.967	5.628	6.168	PV	3997	377193	23.78%	2.106%
5	6.356	6.168	6.499	VV	303	35781	2.26%	0.200%
6	7.066	6.899	7.249	VV	8525	749049	47.22%	4.182%
7	7.426	7.249	7.580	VV	17362	1586258	100.00%	8.856%
8	7.644	7.580	7.685	VV	3023	178058	11.23%	0.994%
9	7.742	7.685	7.987	VV	3179	316632	19.96%	1.768%
10	8.075	7.987	8.131	PV	197	10281	0.65%	0.057%
11	8.243	8.131	8.344	VV	1049	66282	4.18%	0.370%
12	8.559	8.344	8.674	VV	5007	561008	35.37%	3.132%
13	8.800	8.674	8.957	VV	11453	954983	60.20%	5.331%
14	9.166	8.957	9.264	VV	11980	1047672	66.05%	5.849%
15	9.374	9.264	9.558	VV	16056	1403978	88.51%	7.838%
16	9.740	9.558	9.945	VV	7013	680556	42.90%	3.799%
17	10.021	9.945	10.069	VV	354	19537	1.23%	0.109%
18	10.188	10.069	10.291	VV	4879	330412	20.83%	1.845%
19	10.477	10.291	10.587	VV	3329	366341	23.09%	2.045%
20	10.783	10.587	10.873	VV	4251	416454	26.25%	2.325%
21	10.972	10.873	11.090	VV	4091	364613	22.99%	2.036%
22	11.164	11.090	11.361	VV	3100	281615	17.75%	1.572%
23	11.455	11.361	11.507	VV	1150	84043	5.30%	0.469%
24	11.741	11.507	11.962	VV	10000	1300204	81.97%	7.259%
25	12.077	11.962	12.207	VV	5181	409049	25.79%	2.284%
26	12.334	12.207	12.446	VV	2880	211335	13.32%	1.180%
27	12.538	12.446	12.599	PV	715	39309	2.48%	0.219%
28	12.749	12.599	12.891	VV	4566	419915	26.47%	2.344%
29	13.011	12.891	13.214	VV	7708	666910	42.04%	3.723%
30	13.335	13.214	13.419	VV	2421	173376	10.93%	0.968%
31	13.542	13.419	13.669	VV	8200	585067	36.88%	3.266%
32	13.800	13.669	13.983	VV	5067	448823	28.29%	2.506%
33	14.101	13.983	14.328	VV	12236	965387	60.86%	5.390%
34	14.407	14.328	14.470	PV	1642	85711	5.40%	0.479%
35	14.538	14.470	14.623	VV	2308	121805	7.68%	0.680%
36	14.689	14.623	14.729	VV	985	46140	2.91%	0.258%

rteres

37	14.828	14.729	14.973	VV	5898	429496	27.08%	2.398%
38	15.227	14.973	15.389	VV	6830	951588	59.99%	5.312%
39	15.510	15.389	15.712	VV	2789	334993	21.12%	1.870%
40	15.788	15.712	15.863	VV	2389	109117	6.88%	0.609%
41	15.947	15.863	15.988	PV	2589	121941	7.69%	0.681%
42	16.030	15.988	16.117	VV	2176	115444	7.28%	0.644%
43	16.207	16.117	16.313	VV	2197	179960	11.34%	1.005%
44	16.393	16.313	16.469	VV	5002	243946	15.38%	1.362%

Sum of corrected areas: 17912325

FB102824.M Fri Nov 01 05:07:05 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.2 Decanted:
Sample Wt/Vol:	5.78 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031090.D	500	10/30/24 11:43	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	183000		4060	23700	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	25.4		50 - 150	127%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031090.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 11:43
Operator : YP/AJ
Sample : P4599-06 500X
Misc : 5.78G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-6

Integration File: Calibration.e
Quant Time: Nov 01 03:44:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.797	700977	25.395 ng/ml
	Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

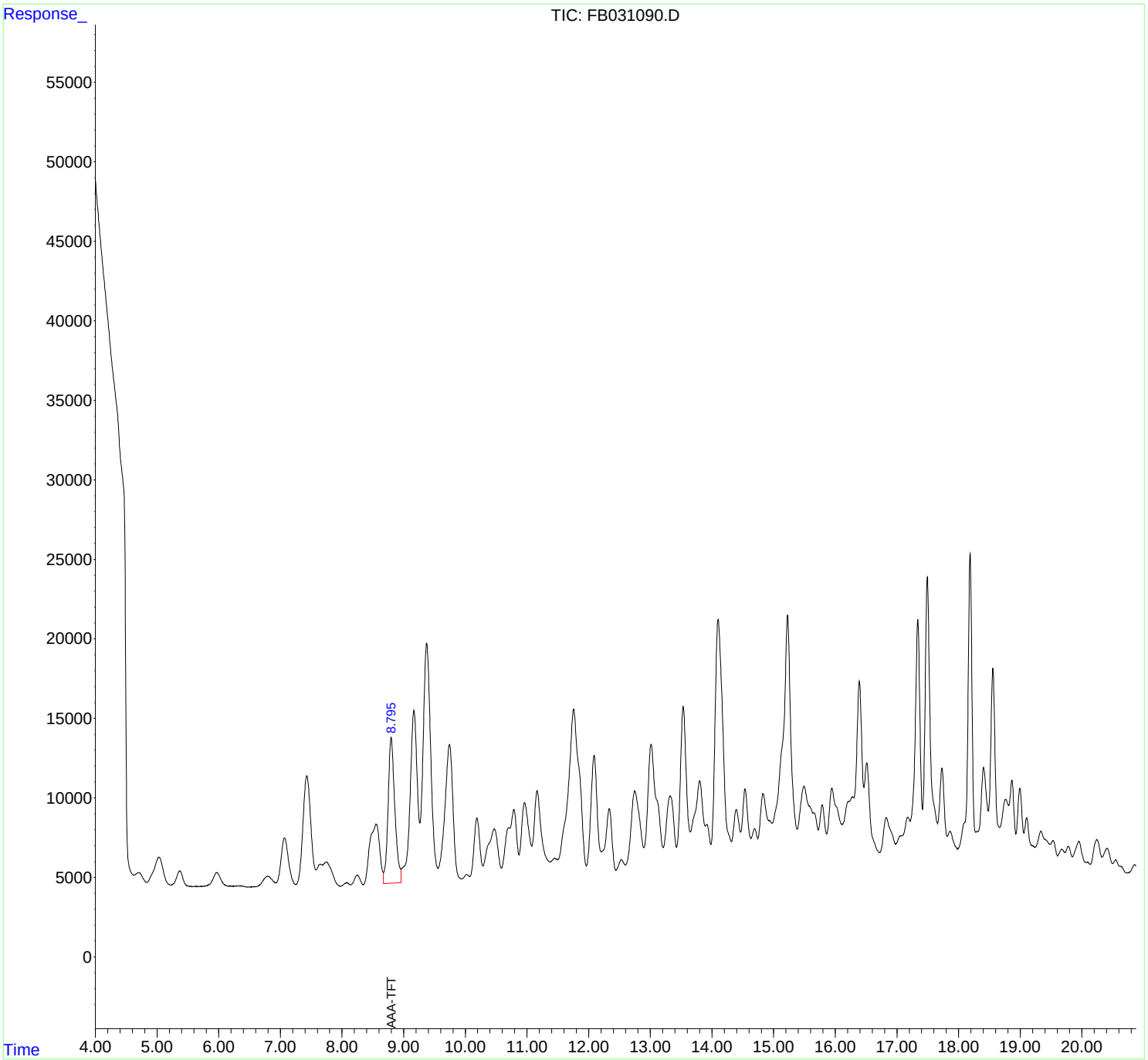
Quantitation Report (QT Reviewed)

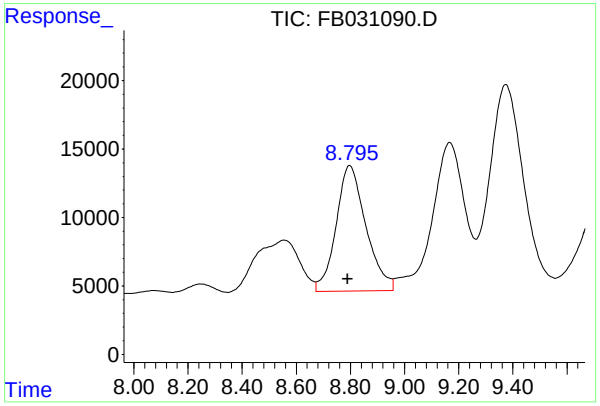
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031090.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 11:43
Operator : YP/AJ
Sample : P4599-06 500X
Misc : 5.78G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-6

Integration File: Calibration.e
Quant Time: Nov 01 03:44:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.797 min
Delta R.T.: 0.006 mi
Response: 700977
Conc: 25.40 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-6

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031090.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 11:43
Sample : P4599-06 500X
Misc : 5.78G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.700	4.587	4.833	BV	311	19376	1.44%	0.118%
2	5.221	5.214	5.232	VV	9	49	0.00%	0.000%
3	5.530	5.512	5.556	VV	17	342	0.03%	0.002%
4	5.562	5.556	5.587	VV	21	286	0.02%	0.002%
5	5.608	5.587	5.618	PV	29	291	0.02%	0.002%
6	5.632	5.618	5.656	VV	32	420	0.03%	0.003%
7	5.682	5.656	5.690	PV	31	419	0.03%	0.003%
8	5.697	5.690	5.706	VV	30	242	0.02%	0.001%
9	5.765	5.706	5.773	VV	63	1361	0.10%	0.008%
10	5.971	5.773	6.140	VV	904	84439	6.27%	0.514%
11	6.150	6.140	6.175	VV	70	1364	0.10%	0.008%
12	6.182	6.175	6.188	VV	63	465	0.03%	0.003%
13	6.195	6.188	6.206	VV	65	615	0.05%	0.004%
14	6.278	6.206	6.291	VV	77	3095	0.23%	0.019%
15	6.314	6.291	6.336	VV	79	1838	0.14%	0.011%
16	6.360	6.336	6.458	VV	85	3742	0.28%	0.023%
17	6.463	6.458	6.487	VV	13	143	0.01%	0.001%
18	6.504	6.487	6.517	PV	15	166	0.01%	0.001%
19	7.069	6.897	7.253	BV	2851	225657	16.76%	1.373%
20	7.431	7.253	7.585	PV	6876	616840	45.82%	3.752%
21	7.649	7.585	7.681	VV	1342	71251	5.29%	0.433%
22	7.739	7.681	7.746	VV	1487	53934	4.01%	0.328%
23	7.752	7.746	7.979	VV	1495	93242	6.93%	0.567%
24	8.068	7.979	8.141	PV	199	10280	0.76%	0.063%
25	8.245	8.141	8.347	VV	643	39638	2.94%	0.241%
26	8.555	8.347	8.672	VV	3771	422424	31.38%	2.570%
27	8.797	8.672	8.957	VV	9183	700549	52.04%	4.262%
28	9.167	8.957	9.264	VV	10781	894450	66.44%	5.441%
29	9.374	9.264	9.558	VV	14960	1300235	96.58%	7.909%
30	9.744	9.558	9.935	VV	8514	777976	57.79%	4.733%
31	10.023	9.935	10.072	VV	275	13055	0.97%	0.079%
32	10.189	10.072	10.287	VV	3787	247773	18.40%	1.507%
33	10.471	10.287	10.586	VV	3045	346528	25.74%	2.108%
34	10.702	10.586	10.721	VV	3077	162665	12.08%	0.990%
35	10.788	10.721	10.871	VV	4204	281802	20.93%	1.714%
36	10.961	10.871	11.078	VV	4598	385332	28.62%	2.344%

rteres

37	11.165	11.078	11.373	VV	5304	462491	34.35%	2.813%
38	11.449	11.373	11.498	VV	978	66363	4.93%	0.404%
39	11.758	11.498	11.964	VV	10300	1346242	100.00%	8.189%
40	12.089	11.964	12.207	VV	7314	525584	39.04%	3.197%
41	12.335	12.207	12.446	VV	3915	279247	20.74%	1.699%
42	12.532	12.446	12.596	PV	618	32406	2.41%	0.197%
43	12.750	12.596	12.896	VV	4770	465203	34.56%	2.830%
44	13.014	12.896	13.210	VV	7547	745719	55.39%	4.536%
45	13.324	13.210	13.425	VV	4096	336507	25.00%	2.047%
46	13.534	13.425	13.651	VV	9576	646937	48.06%	3.935%
47	13.801	13.651	13.982	VV	4730	518087	38.48%	3.152%
48	14.101	13.982	14.315	VV	14668	1248056	92.71%	7.592%
49	14.395	14.315	14.465	VV	2514	148761	11.05%	0.905%
50	14.538	14.465	14.633	VV	3704	209412	15.56%	1.274%
51	14.692	14.633	14.744	VV	1118	54789	4.07%	0.333%
52	14.830	14.744	14.975	VV	3226	263094	19.54%	1.600%
53	15.227	14.975	15.382	VV	14183	1302017	96.71%	7.920%
54	15.493	15.382	15.725	VV	3247	380112	28.24%	2.312%
55	15.789	15.725	15.861	VV	1879	81516	6.06%	0.496%
56	15.946	15.861	16.112	PV	2679	183262	13.61%	1.115%
57	16.391	16.112	16.465	PV	7153	380849	28.29%	2.317%

Sum of corrected areas: 16438938

FB102824.M Fri Nov 01 05:07:26 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-7	SDG No.:	P4599
Lab Sample ID:	P4599-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.7 Decanted:
Sample Wt/Vol:	7.91 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031077.D	50	10/29/24 22:23	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	3980		295	1720	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.4		50 - 150	107%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031077.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 22:23
Operator : YP/AJ
Sample : P4599-07 50X
Misc : 7.91G/5.00 ML MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-7

Integration File: Calibration.e
Quant Time: Oct 30 05:27:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
5) s AAA-TFT	8.792	591111	21.415 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

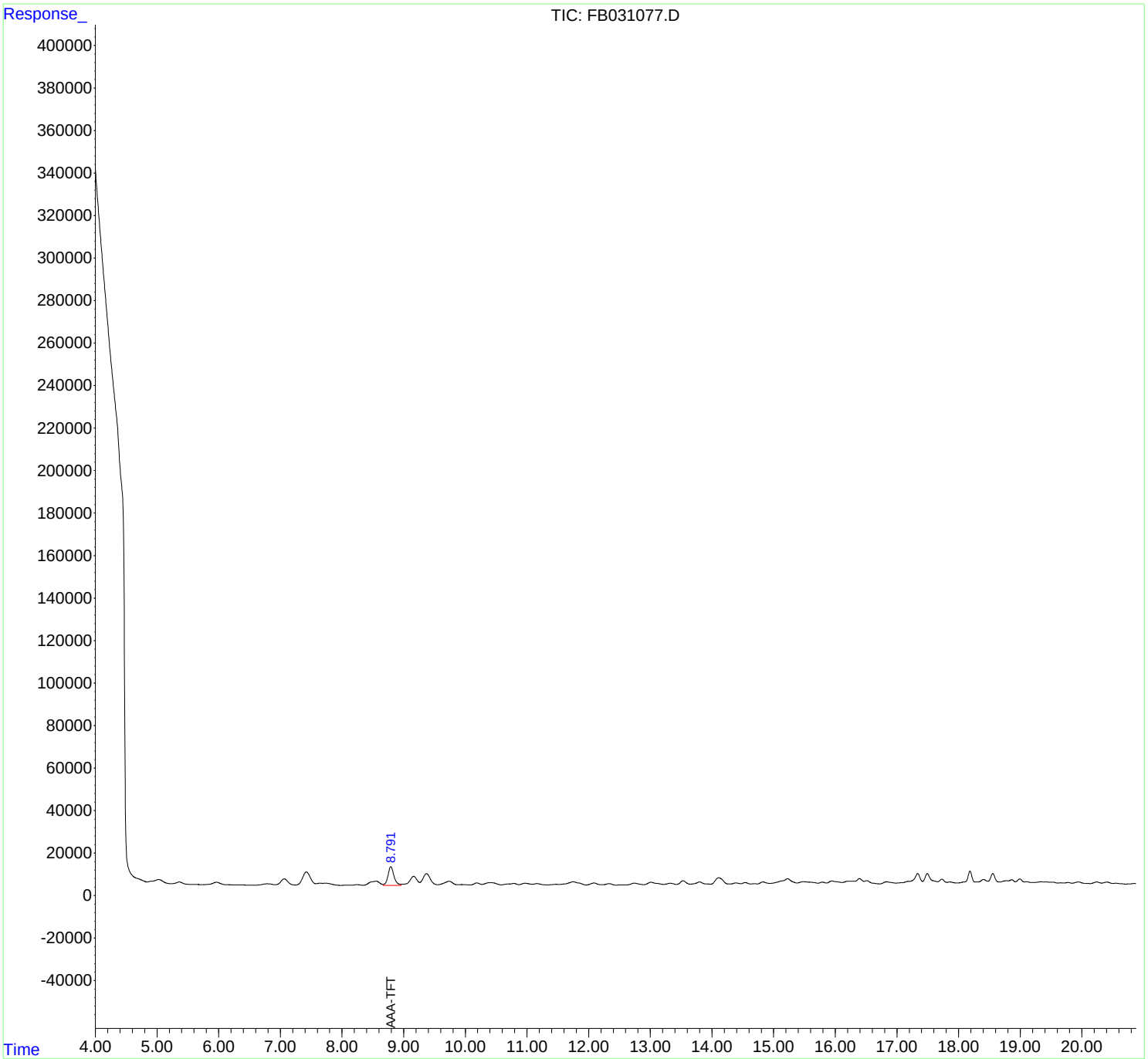
Quantitation Report (QT Reviewed)

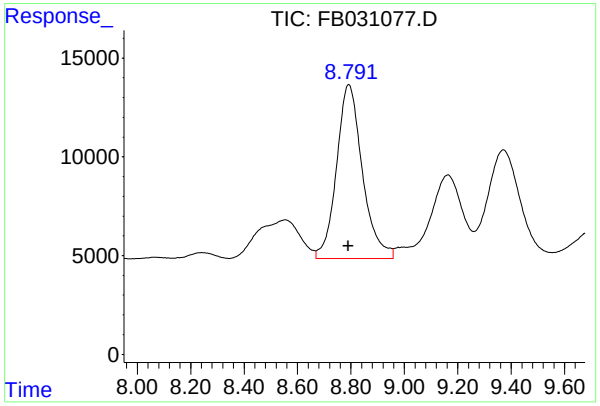
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031077.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 22:23
Operator : YP/AJ
Sample : P4599-07 50X
Misc : 7.91G/5.00 ML MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-7

Integration File: Calibration.e
Quant Time: Oct 30 05:27:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.792 min
Delta R.T.: 0.002 mi
Response: 591111
Conc: 21.41 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-7

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031077.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 22:23
Sample : P4599-07 50X
Misc : 7.91G/5.00 ML MEOH
ALS Vial : 28 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.028	4.804	5.232	BV	1457	126237	21.37%	2.378%
2	5.640	5.632	5.749	PV	14	570	0.10%	0.011%
3	5.763	5.749	5.776	PV	43	415	0.07%	0.008%
4	5.969	5.776	6.168	VV	1204	105804	17.91%	1.993%
5	6.195	6.168	6.213	VV	80	1601	0.27%	0.030%
6	6.226	6.213	6.279	VV	64	2255	0.38%	0.042%
7	6.288	6.279	6.321	VV	60	1376	0.23%	0.026%
8	6.329	6.321	6.489	VV	65	3750	0.63%	0.071%
9	6.508	6.489	6.525	PV	17	229	0.04%	0.004%
10	6.553	6.525	6.565	VV	21	246	0.04%	0.005%
11	7.064	6.918	7.243	VV	3008	247099	41.82%	4.654%
12	7.423	7.243	7.581	VV	6274	565055	95.63%	10.643%
13	7.641	7.581	7.691	VV	976	59492	10.07%	1.121%
14	7.735	7.691	7.977	VV	995	90042	15.24%	1.696%
15	8.065	7.977	8.130	PV	76	3692	0.62%	0.070%
16	8.239	8.130	8.348	VV	307	19992	3.38%	0.377%
17	8.555	8.348	8.670	VV	1963	217944	36.89%	4.105%
18	8.792	8.670	8.958	VV	8807	590849	100.00%	11.129%
19	9.164	8.958	9.261	VV	4225	361108	61.12%	6.802%
20	9.371	9.261	9.555	VV	5487	468304	79.26%	8.821%
21	9.736	9.555	9.881	VV	1880	187886	31.80%	3.539%
22	9.942	9.881	10.084	VV	331	30222	5.11%	0.569%
23	10.187	10.084	10.272	VV	1091	72147	12.21%	1.359%
24	10.393	10.272	10.583	VV	1186	149363	25.28%	2.813%
25	10.786	10.583	10.872	VV	843	89448	15.14%	1.685%
26	10.972	10.872	11.091	VV	913	84114	14.24%	1.584%
27	11.161	11.091	11.347	VV	778	64613	10.94%	1.217%
28	11.468	11.347	11.543	VV	425	38163	6.46%	0.719%
29	11.749	11.543	11.962	VV	1613	215746	36.51%	4.064%
30	12.088	11.962	12.227	VV	997	80154	13.57%	1.510%
31	12.333	12.227	12.446	VV	735	48952	8.29%	0.922%
32	12.533	12.446	12.601	PV	113	6157	1.04%	0.116%
33	12.744	12.601	12.893	VV	874	73876	12.50%	1.392%
34	13.013	12.893	13.220	VV	1224	121044	20.49%	2.280%
35	13.327	13.220	13.422	VV	652	48079	8.14%	0.906%
36	13.531	13.422	13.653	VV	1768	113071	19.14%	2.130%

rteres

37	13.800	13.653	13.977	VV	1139	92653	15.68%	1.745%
38	14.110	13.977	14.283	VV	3036	257421	43.57%	4.849%
39	14.390	14.283	14.467	VV	534	33676	5.70%	0.634%
40	14.540	14.467	14.632	VV	697	34747	5.88%	0.655%
41	14.692	14.632	14.735	VV	136	4334	0.73%	0.082%
42	14.828	14.735	14.943	PV	878	55237	9.35%	1.040%
43	15.228	14.943	15.385	VV	2296	263207	44.55%	4.958%
44	15.491	15.385	15.720	VV	783	94436	15.98%	1.779%
45	15.791	15.720	15.858	PV	493	19450	3.29%	0.366%
46	15.944	15.858	16.114	PV	916	62346	10.55%	1.174%
47	16.208	16.114	16.237	PV	474	20409	3.45%	0.384%
48	16.271	16.237	16.320	VV	379	16829	2.85%	0.317%
49	16.393	16.320	16.468	VV	1419	65130	11.02%	1.227%

Sum of corrected areas: 5308968

FB102824.M Wed Oct 30 06:17:57 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.4 Decanted:
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031091.D	500	10/30/24 12:10	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	184000		3520	20600	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	47.6	*	50 - 150	238%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031091.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 12:10
Operator : YP/AJ
Sample : P4599-08 500X
Misc : 6.5G/5.00 ML MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-8

Integration File: Calibration.e
Quant Time: Nov 01 03:45:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.819	1313349	47.580 ng/ml
	Target Compounds			

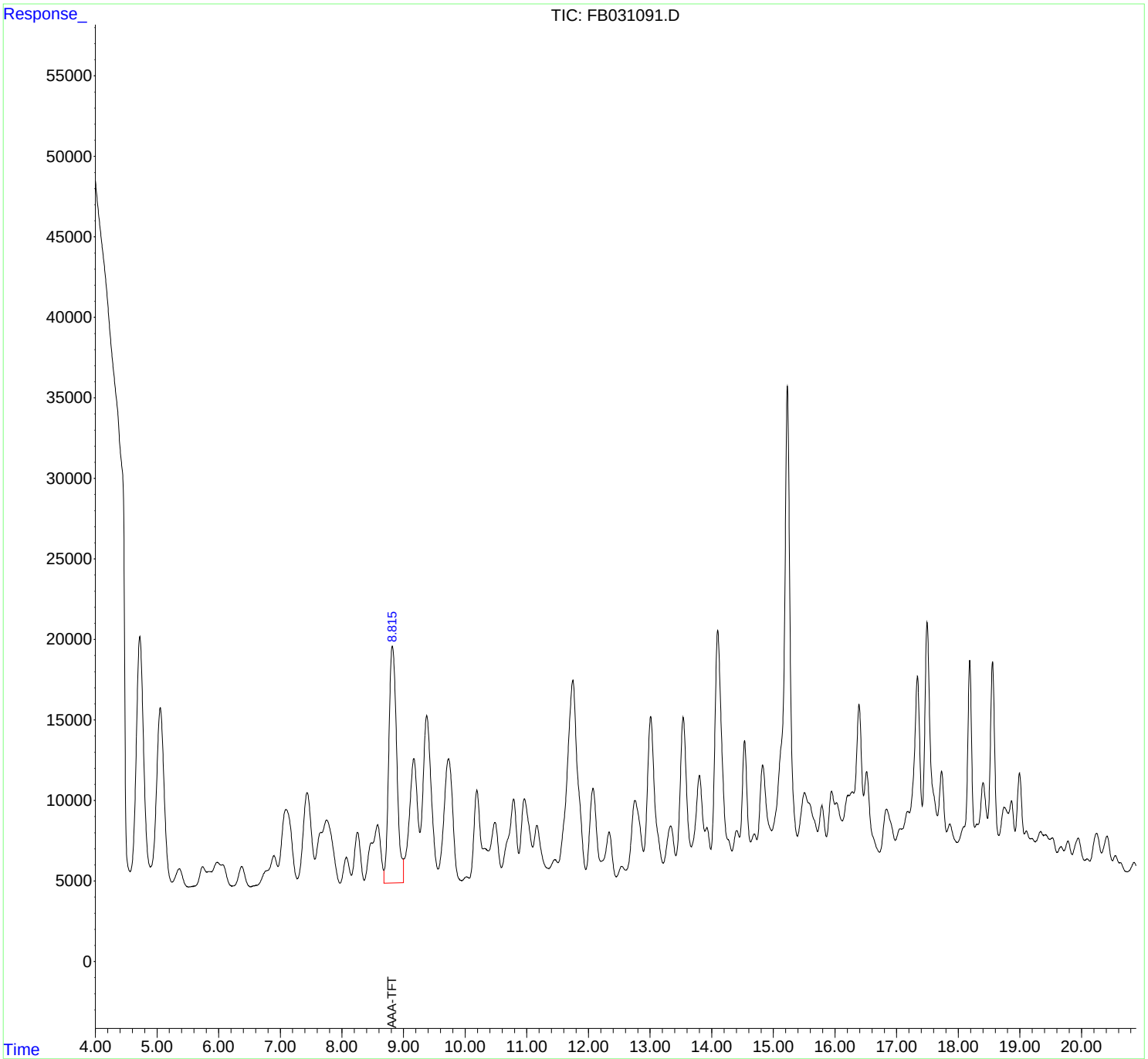
(f)=RT Delta > 1/2 Window (m)=manual int.

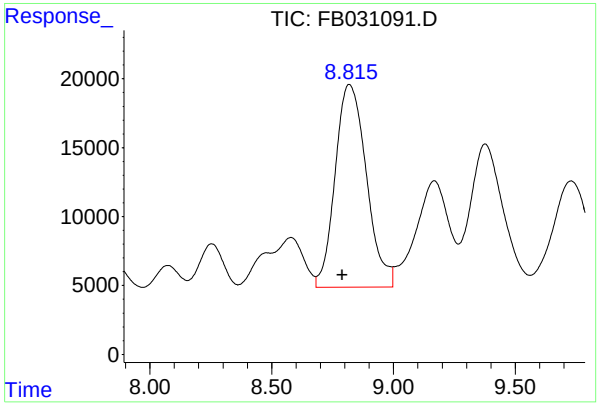
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031091.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 12:10
Operator : YP/AJ
Sample : P4599-08 500X
Misc : 6.5G/5.00 ML MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-8

Integration File: Calibration.e
Quant Time: Nov 01 03:45:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.819 min
Delta R.T.: 0.029 mi
Response: 1313349
Conc: 47.58 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-8

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031091.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 12:10
Sample : P4599-08 500X
Misc : 6.5G/5.00 ML MEOH
ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.722	4.537	4.893	BV	14612	1155398	57.57%	5.907%
2	5.529	5.517	5.536	PV	20	139	0.01%	0.001%
3	5.741	5.536	5.807	VV	1267	87606	4.36%	0.448%
4	5.841	5.807	5.878	VV	964	40202	2.00%	0.206%
5	5.975	5.878	6.045	VV	1535	131982	6.58%	0.675%
6	6.066	6.045	6.220	VV	1380	73988	3.69%	0.378%
7	6.375	6.220	6.527	VV	1267	90363	4.50%	0.462%
8	7.093	6.964	7.278	VV	4748	539694	26.89%	2.759%
9	7.437	7.278	7.563	VV	5759	541129	26.96%	2.766%
10	7.753	7.563	7.970	VV	4017	621994	30.99%	3.180%
11	8.074	7.970	8.154	VV	1658	104803	5.22%	0.536%
12	8.254	8.154	8.363	VV	3197	216352	10.78%	1.106%
13	8.579	8.363	8.681	VV	3634	408445	20.35%	2.088%
14	8.819	8.681	8.998	VV	14716	1313454	65.44%	6.715%
15	9.168	8.998	9.267	VV	7692	724506	36.10%	3.704%
16	9.377	9.267	9.561	VV	10331	972727	48.47%	4.973%
17	9.729	9.561	9.952	VV	7616	756986	37.72%	3.870%
18	10.022	9.952	10.064	VV	254	11678	0.58%	0.060%
19	10.191	10.064	10.381	VV	5612	497439	24.78%	2.543%
20	10.483	10.381	10.590	VV	3584	297800	14.84%	1.522%
21	10.786	10.590	10.871	VV	5010	471988	23.52%	2.413%
22	10.962	10.871	11.096	VV	5005	462766	23.06%	2.366%
23	11.164	11.096	11.355	VV	3321	286809	14.29%	1.466%
24	11.456	11.355	11.506	VV	1168	86038	4.29%	0.440%
25	11.747	11.506	11.958	VV	12281	1506468	75.06%	7.701%
26	12.074	11.958	12.207	VV	5530	428836	21.37%	2.192%
27	12.336	12.207	12.457	VV	2792	210930	10.51%	1.078%
28	12.541	12.457	12.605	PV	580	32108	1.60%	0.164%
29	12.757	12.605	12.894	VV	4505	432756	21.56%	2.212%
30	13.010	12.894	13.213	VV	9544	789465	39.34%	4.036%
31	13.334	13.213	13.419	VV	2518	183769	9.16%	0.939%
32	13.538	13.419	13.670	VV	9109	643002	32.04%	3.287%
33	13.801	13.670	13.893	VV	5306	402658	20.06%	2.058%
34	13.921	13.893	13.988	VV	1985	84148	4.19%	0.430%
35	14.098	13.988	14.329	VV	14087	1076534	53.64%	5.503%
36	14.407	14.329	14.449	VV	1444	71659	3.57%	0.366%

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37	14.534	14.449	14.634	VV	6926	364845	18.18%	1.865%
38	14.691	14.634	14.732	VV	1034	48972	2.44%	0.250%
39	14.828	14.732	14.973	VV	5203	382385	19.05%	1.955%
40	15.228	14.973	15.390	VV	28422	2007018	100.00%	10.260%
41	15.508	15.390	15.718	VV	2984	346600	17.27%	1.772%
42	15.788	15.718	15.862	VV	1979	92297	4.60%	0.472%
43	15.946	15.862	16.120	PV	2499	187707	9.35%	0.960%
44	16.391	16.120	16.465	PV	5990	374806	18.67%	1.916%

Sum of corrected areas: 19561248

FB102824.M Fri Nov 01 05:07:45 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.4 Decanted:
Sample Wt/Vol:	7.09 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031092.D	250	10/30/24 12:36	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	54700		1540	8980	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	35.9	*	50 - 150	179%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031092.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 12:36
Operator : YP/AJ
Sample : P4599-09 250X
Misc : 7.09G/5.00 ML MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-9

Integration File: Calibration.e
Quant Time: Nov 01 03:45:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.813	989704	35.855 ng/ml
	Target Compounds			

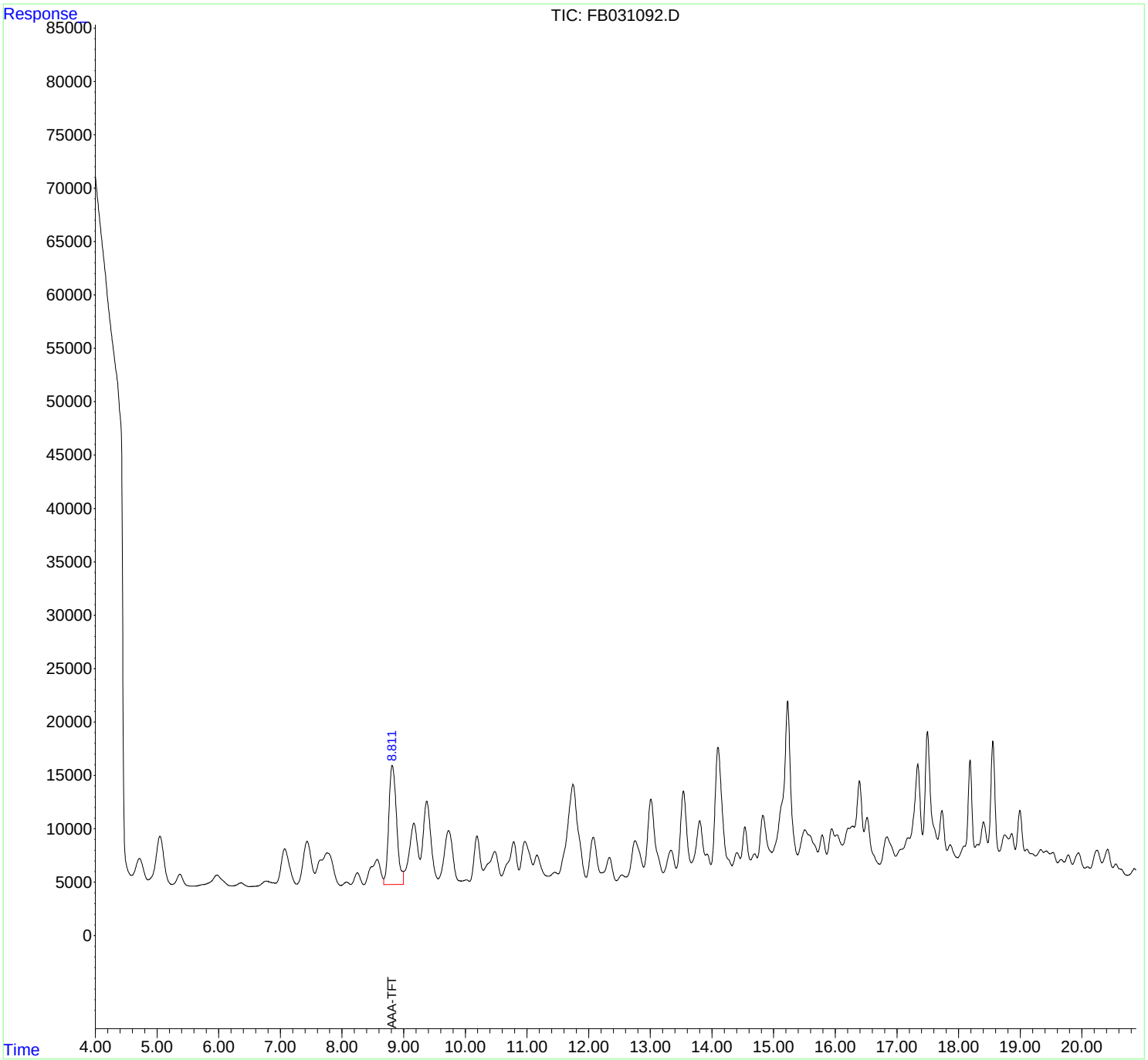
(f)=RT Delta > 1/2 Window (m)=manual int.

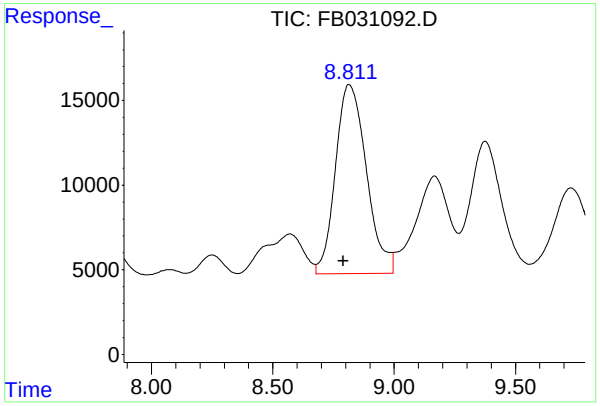
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031092.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 12:36
Operator : YP/AJ
Sample : P4599-09 250X
Misc : 7.09G/5.00 ML MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-9

Integration File: Calibration.e
Quant Time: Nov 01 03:45:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.813 min
Delta R.T.: 0.022 mi
Response: 989704
Conc: 35.86 ng/m

Instrument :
FID_B
ClientSampleId :
EX-1-TPH-9

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031092.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 12:36
Sample : P4599-09 250X
Misc : 7.09G/5.00 ML MEOH
ALS Vial : 8 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.554	4.853	BV	1744	124707	9.90%	0.931%
2	5.520	5.512	5.550	VV	18	162	0.01%	0.001%
3	5.562	5.550	5.614	PV	11	210	0.02%	0.002%
4	5.642	5.614	5.650	PV	25	143	0.01%	0.001%
5	5.975	5.934	6.208	BV	299	12705	1.01%	0.095%
6	6.216	6.208	6.242	PV	8	95	0.01%	0.001%
7	6.363	6.242	6.499	VV	329	22048	1.75%	0.165%
8	6.506	6.499	6.519	PV	12	74	0.01%	0.001%
9	6.538	6.519	6.561	PV	22	292	0.02%	0.002%
10	6.584	6.561	6.594	VV	39	538	0.04%	0.004%
11	6.920	6.911	6.928	VV	306	2972	0.24%	0.022%
12	7.071	6.928	7.269	VV	3495	334353	26.56%	2.497%
13	7.434	7.269	7.560	VV	4179	387168	30.75%	2.891%
14	7.654	7.560	7.677	VV	2418	136888	10.87%	1.022%
15	7.757	7.677	7.983	VV	3063	334491	26.57%	2.498%
16	8.077	7.983	8.144	PV	292	15662	1.24%	0.117%
17	8.250	8.144	8.356	VV	1147	72284	5.74%	0.540%
18	8.571	8.356	8.679	VV	2365	263678	20.94%	1.969%
19	8.814	8.679	8.996	VV	11156	989169	78.56%	7.387%
20	9.167	8.996	9.267	VV	5724	549861	43.67%	4.106%
21	9.375	9.267	9.559	VV	7752	699725	55.57%	5.226%
22	9.729	9.559	9.939	VV	4963	490407	38.95%	3.662%
23	10.012	9.939	10.067	VV	318	20016	1.59%	0.149%
24	10.190	10.067	10.292	VV	4422	305327	24.25%	2.280%
25	10.479	10.292	10.588	VV	2933	335143	26.62%	2.503%
26	10.786	10.588	10.872	VV	3831	360373	28.62%	2.691%
27	10.968	10.872	11.100	VV	3819	365461	29.03%	2.729%
28	11.163	11.100	11.355	VV	2524	217880	17.30%	1.627%
29	11.453	11.355	11.506	VV	883	67317	5.35%	0.503%
30	11.748	11.506	11.959	VV	9066	1134295	90.09%	8.471%
31	12.076	11.959	12.212	VV	4101	324390	25.76%	2.423%
32	12.337	12.212	12.451	VV	2197	162461	12.90%	1.213%
33	12.541	12.451	12.606	PV	468	26341	2.09%	0.197%
34	12.754	12.606	12.893	VV	3530	332909	26.44%	2.486%
35	13.011	12.893	13.209	VV	7240	605780	48.11%	4.524%
36	13.337	13.209	13.421	VV	2199	159373	12.66%	1.190%

rteres

37	13.538	13.421	13.668	VV	7595	525625	41.75%	3.925%
38	13.802	13.668	13.983	VV	4642	402505	31.97%	3.006%
39	14.099	13.983	14.326	VV	11292	866723	68.84%	6.473%
40	14.407	14.326	14.459	VV	1210	60194	4.78%	0.450%
41	14.536	14.459	14.628	VV	3519	181166	14.39%	1.353%
42	14.692	14.628	14.734	VV	875	42124	3.35%	0.315%
43	14.828	14.734	14.972	VV	4384	314640	24.99%	2.350%
44	15.228	14.972	15.390	VV	14781	1259087	100.00%	9.403%
45	15.508	15.390	15.718	VV	2530	296710	23.57%	2.216%
46	15.789	15.718	15.862	VV	1852	83917	6.66%	0.627%
47	15.945	15.862	15.998	PV	2107	104261	8.28%	0.779%
48	16.027	15.998	16.120	VV	1264	55550	4.41%	0.415%
49	16.392	16.120	16.467	PV	5017	343115	27.25%	2.562%

Sum of corrected areas: 13390315

FB102824.M Fri Nov 01 05:08:06 2024

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

Calibration Sequence : FB102824		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
90	3845926	42733	FB031048.D
180	8340483	46336	FB031049.D
450	20571050	45713	FB031050.D
900	41150366	45723	FB031051.D
45	2059049	45757	FB031052.D
AVG RF : 45252	**% RSD : 3.166**		**AVG RT : 8.7908**

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031054.D Analyst Name: YP/AJ Analyst Date: 10-29-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8171714	45398	45252	0.323

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031054.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 9:46
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:19:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.786	562718	20.386	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	1123797	28.614	ng/ml
2) t	2,2,4-Trimethylpentane	7.417	1441535	30.778	ng/ml
3) t	n-Heptane	7.747	437751	9.659	ng/ml
4) t	Benzene	7.886	551393	10.315	ng/ml
6) t	Toluene	10.614	1515171	30.342	ng/ml
7) t	Ethylbenzene	13.051	453109	10.122	ng/ml
8) t	m-Xylene	13.185	981471	20.179	ng/ml
9) t	O-Xylene	13.912	912988	20.029	ng/ml
10) t	1,2,4-Trimethylbenzene	16.189	754499	20.278	ng/ml

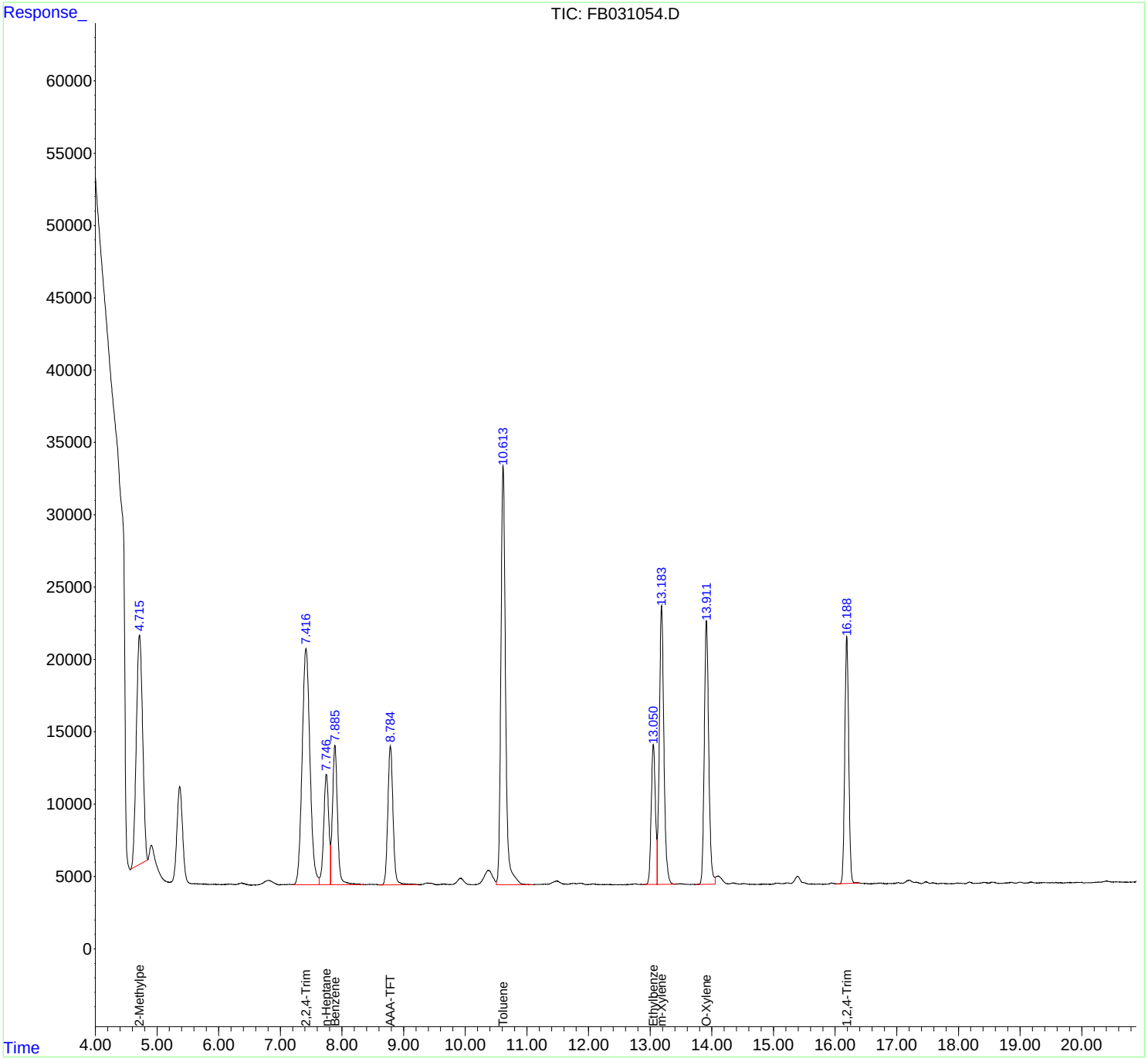
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031054.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 9:46
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:19:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031054.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 9:46
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.582	4.852	BV	15847	1123797	74.17%	12.866%
2	7.417	7.204	7.629	PV	16340	1441535	95.14%	16.504%
3	7.747	7.629	7.816	VV	7633	437751	28.89%	5.012%
4	7.886	7.816	8.370	VB	9644	551393	36.39%	6.313%
5	8.786	8.592	9.233	PB	9584	562718	37.14%	6.443%
6	10.614	10.505	11.095	VV	28954	1515171	100.00%	17.347%
7	13.051	12.882	13.112	BV	9669	453109	29.90%	5.188%
8	13.185	13.112	13.422	VV	19237	981471	64.78%	11.237%
9	13.912	13.728	14.053	BV	18208	912988	60.26%	10.453%
10	16.189	16.016	16.401	BBA	17066	754499	49.80%	8.638%

Sum of corrected areas: 8734432

FB102824.M Wed Oct 30 05:56:51 2024

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031063.D Analyst Name: YP/AJ Analyst Date: 10-29-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8476160	47090	45252	4.062

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031063.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 14:53
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:21:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.793	560050	20.290	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.720	1232622	31.385	ng/ml
2) t	2,2,4-Trimethylpentane	7.424	1503231	32.095	ng/ml
3) t	n-Heptane	7.755	466686	10.298	ng/ml
4) t	Benzene	7.893	541911	10.138	ng/ml
6) t	Toluene	10.621	1564531	31.330	ng/ml
7) t	Ethylbenzene	13.057	504907	11.280	ng/ml
8) t	m-Xylene	13.191	1001146	20.583	ng/ml
9) t	O-Xylene	13.919	956246	20.978	ng/ml
10) t	1,2,4-Trimethylbenzene	16.195	704880	18.944	ng/ml

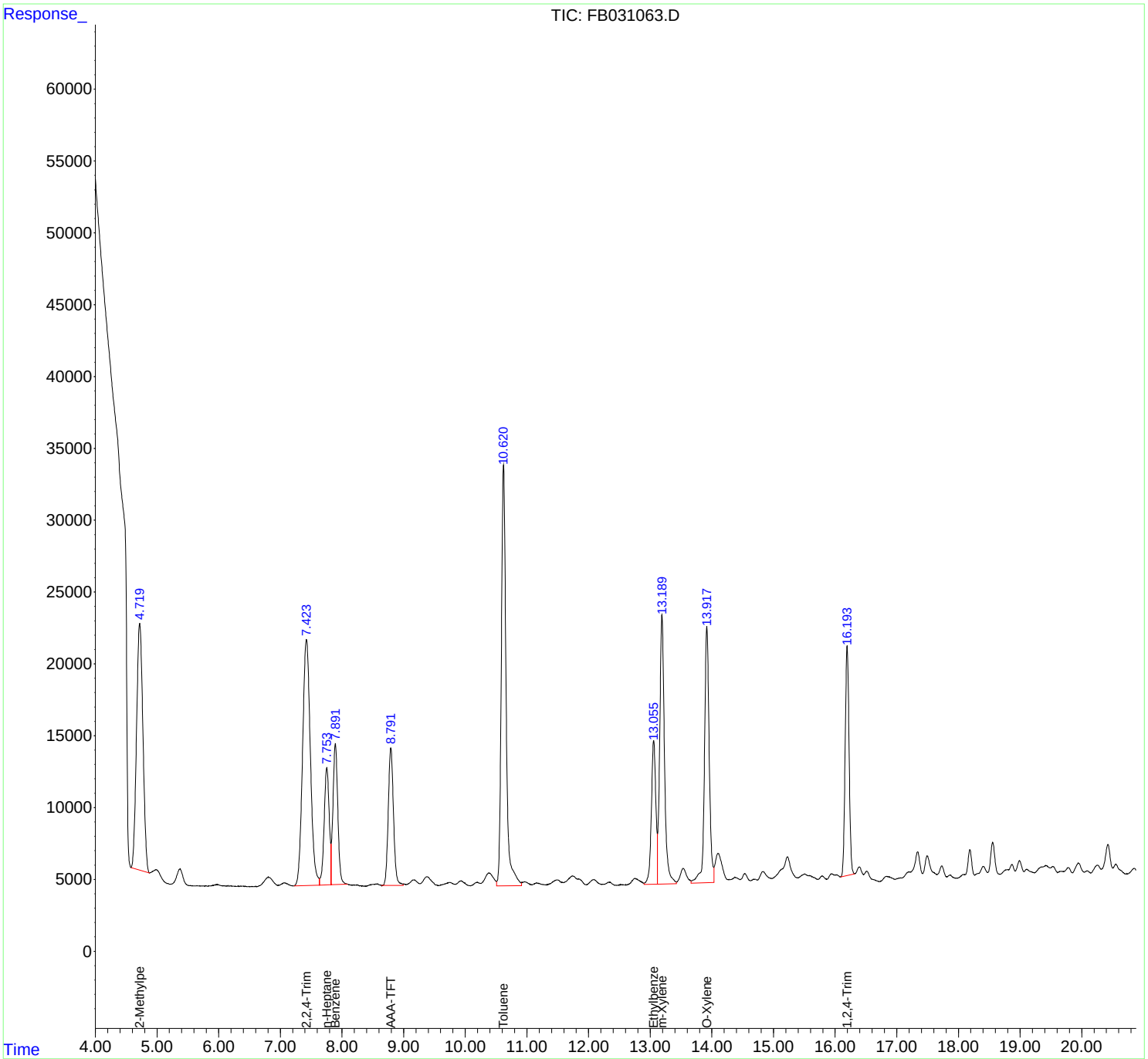
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031063.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 14:53
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:21:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031063.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 14:53
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.582	4.881	BV	17176	1232622	78.79%	13.641%
2	7.424	7.223	7.635	BV	17126	1503231	96.08%	16.636%
3	7.755	7.635	7.823	VV	8165	466686	29.83%	5.165%
4	7.893	7.823	8.090	VV	9811	541911	34.64%	5.997%
5	8.793	8.637	8.994	BV	9572	560050	35.80%	6.198%
6	10.621	10.510	10.911	VV	29254	1564531	100.00%	17.314%
7	13.057	12.901	13.119	VV	9989	504907	32.27%	5.588%
8	13.191	13.119	13.425	VV	18735	1001146	63.99%	11.079%
9	13.919	13.664	14.033	VV	17847	956246	61.12%	10.582%
10	16.195	16.087	16.321	PV	15991	704880	45.05%	7.801%

Sum of corrected areas: 9036210

FB102824.M Wed Oct 30 06:01:43 2024

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031074.D Analyst Name: YP/AJ Analyst Date: 10-29-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7640936	42450	45252	6.192

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031074.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 20:11
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:26:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.791	476549	17.264	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	1141919	29.075	ng/ml
2) t	2,2,4-Trimethylpentane	7.422	1386782	29.609	ng/ml
3) t	n-Heptane	7.753	421979	9.311	ng/ml
4) t	Benzene	7.891	511879	9.576	ng/ml
6) t	Toluene	10.620	1405127	28.138	ng/ml
7) t	Ethylbenzene	13.056	429361	9.592	ng/ml
8) t	m-Xylene	13.190	889253	18.283	ng/ml
9) t	O-Xylene	13.918	830755	18.225	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	623881	16.767	ng/ml

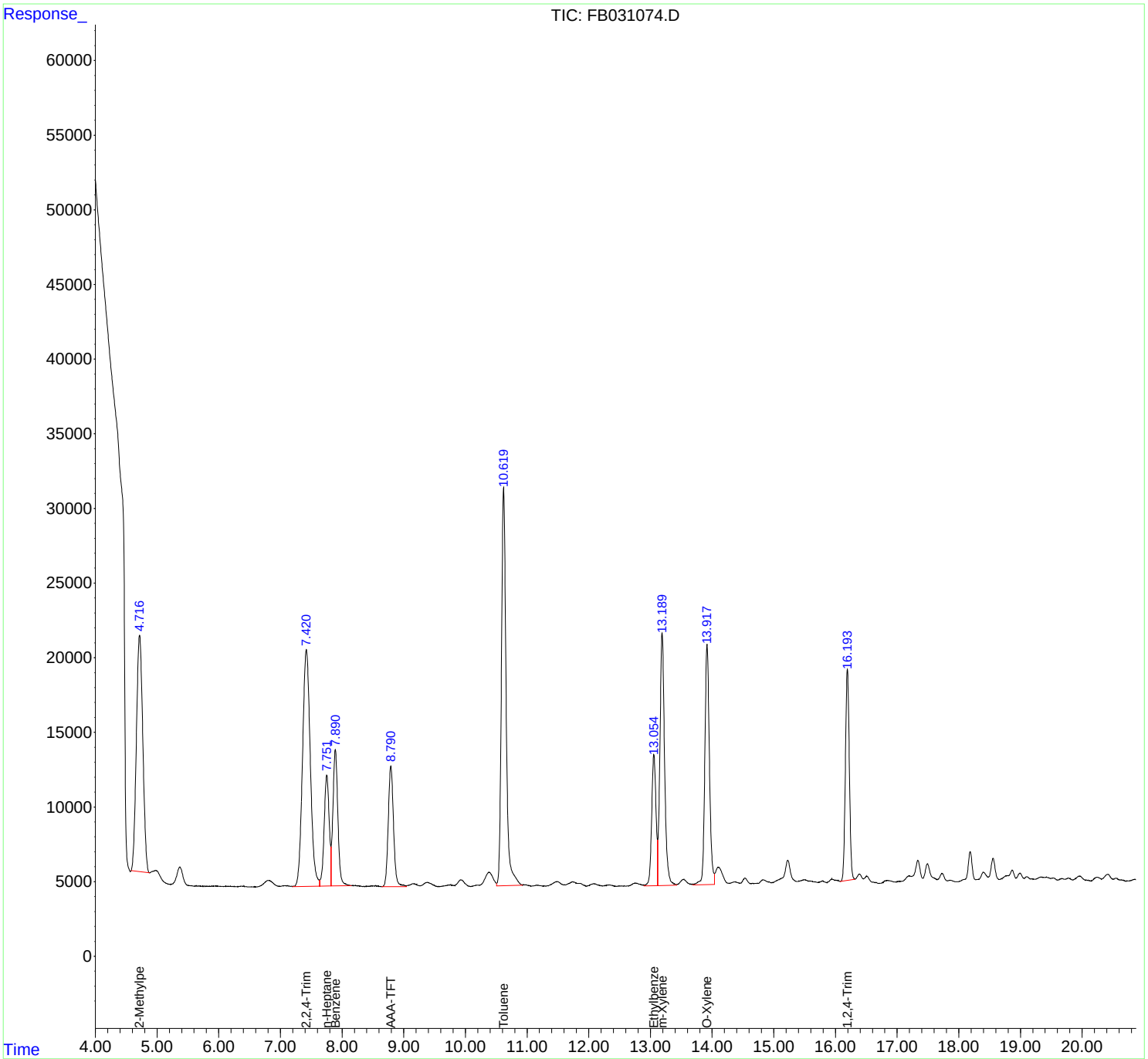
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031074.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 20:11
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:26:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031074.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 20:11
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.582	4.881	BV	15835	1141919	81.27%	14.067%
2	7.422	7.198	7.637	BV	15856	1386782	98.69%	17.084%
3	7.753	7.637	7.821	VV	7437	421979	30.03%	5.198%
4	7.891	7.821	8.153	VV	9125	511879	36.43%	6.306%
5	8.791	8.640	9.043	PV	8093	476549	33.92%	5.871%
6	10.620	10.507	10.930	VV	26676	1405127	100.00%	17.310%
7	13.056	12.896	13.118	VV	8772	429361	30.56%	5.289%
8	13.190	13.118	13.424	VV	16916	889253	63.29%	10.955%
9	13.918	13.685	14.039	VV	16078	830755	59.12%	10.234%
10	16.194	16.072	16.319	PV	14134	623881	44.40%	7.686%

Sum of corrected areas: 8117484

FB102824.M Wed Oct 30 06:04:09 2024

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031084.D Analyst Name: YP/AJ Analyst Date: 10-30-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8582777	47682	45252	5.37

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031084.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 1:29
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:28:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.793	448873	16.262 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.720	1291025	32.872 ng/ml
2) t	2,2,4-Trimethylpentane	7.426	1529055	32.647 ng/ml
3) t	n-Heptane	7.754	484002	10.680 ng/ml
4) t	Benzene	7.893	579536	10.842 ng/ml
6) t	Toluene	10.621	1592834	31.897 ng/ml
7) t	Ethylbenzene	13.057	466539	10.423 ng/ml
8) t	m-Xylene	13.191	997199	20.502 ng/ml
9) t	O-Xylene	13.919	931725	20.440 ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	710862	19.105 ng/ml

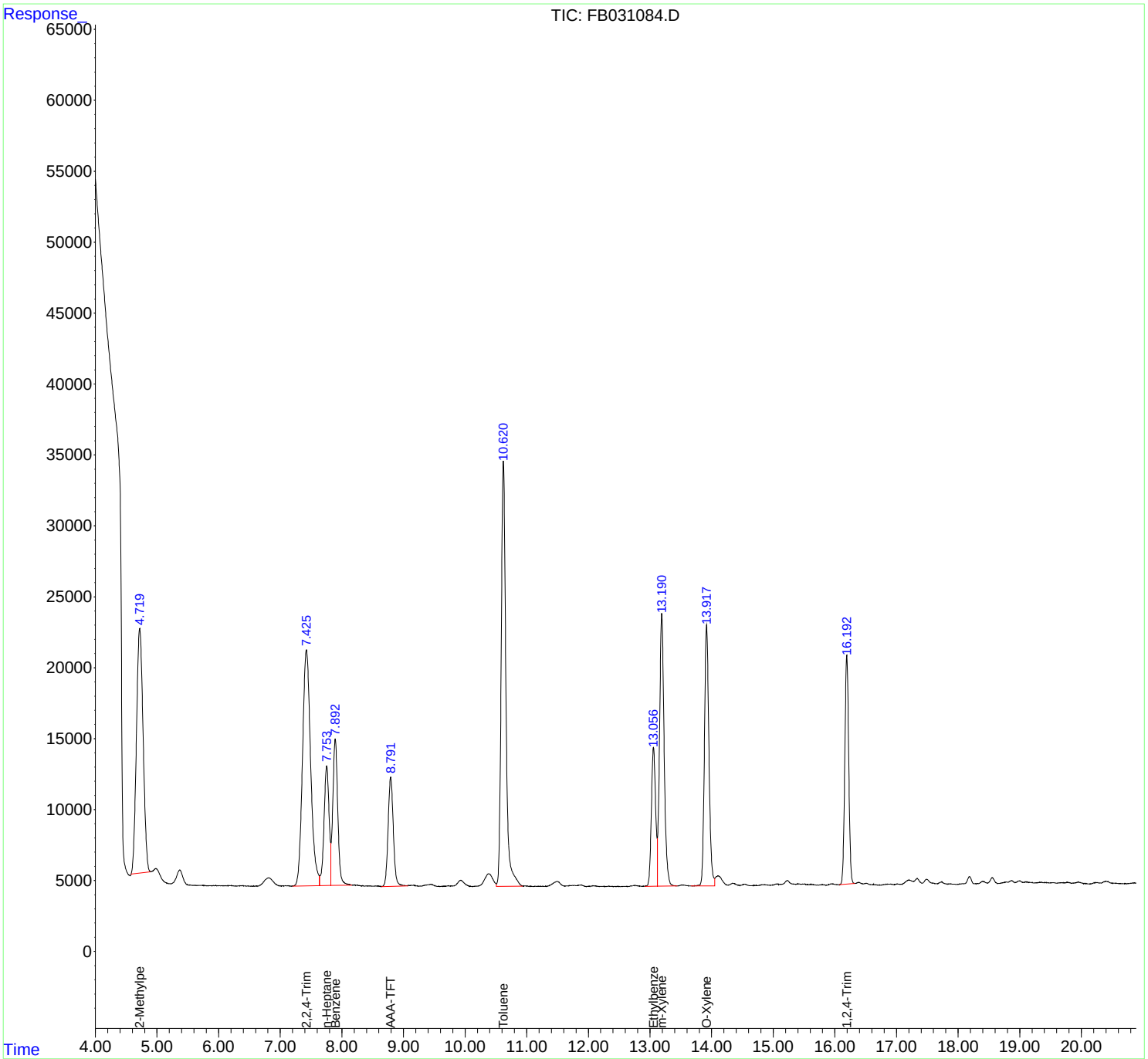
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031084.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 1:29
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Oct 30 05:28:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031084.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 1:29
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.582	4.891	BV	17252	1291025	81.05%	14.294%
2	7.426	7.201	7.637	PV	16653	1529055	96.00%	16.930%
3	7.754	7.637	7.822	VV	8434	484002	30.39%	5.359%
4	7.893	7.822	8.167	VV	10320	579536	36.38%	6.417%
5	8.793	8.643	9.068	PV	7705	448873	28.18%	4.970%
6	10.621	10.507	10.934	VV	29957	1592834	100.00%	17.636%
7	13.057	12.918	13.119	PV	9796	466539	29.29%	5.166%
8	13.191	13.119	13.447	VV	19219	997199	62.61%	11.041%
9	13.919	13.661	14.049	BV	18358	931725	58.49%	10.316%
10	16.194	16.071	16.325	BV	16146	710862	44.63%	7.871%

Sum of corrected areas: 9031652

FB102824.M Wed Oct 30 06:05:14 2024

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031085.D Analyst Name: YP/AJ Analyst Date: 10-30-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8170672	45393	45252	0.312

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031085.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 9:04
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 01 03:44:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.787	577048	20.905	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.715	1161400	29.571	ng/ml
2) t	2,2,4-Trimethylpentane	7.418	1467416	31.331	ng/ml
3) t	n-Heptane	7.747	433431	9.564	ng/ml
4) t	Benzene	7.886	539205	10.087	ng/ml
6) t	Toluene	10.616	1489268	29.823	ng/ml
7) t	Ethylbenzene	13.053	467003	10.433	ng/ml
8) t	m-Xylene	13.187	976221	20.071	ng/ml
9) t	O-Xylene	13.914	912307	20.014	ng/ml
10) t	1,2,4-Trimethylbenzene	16.190	724421	19.469	ng/ml

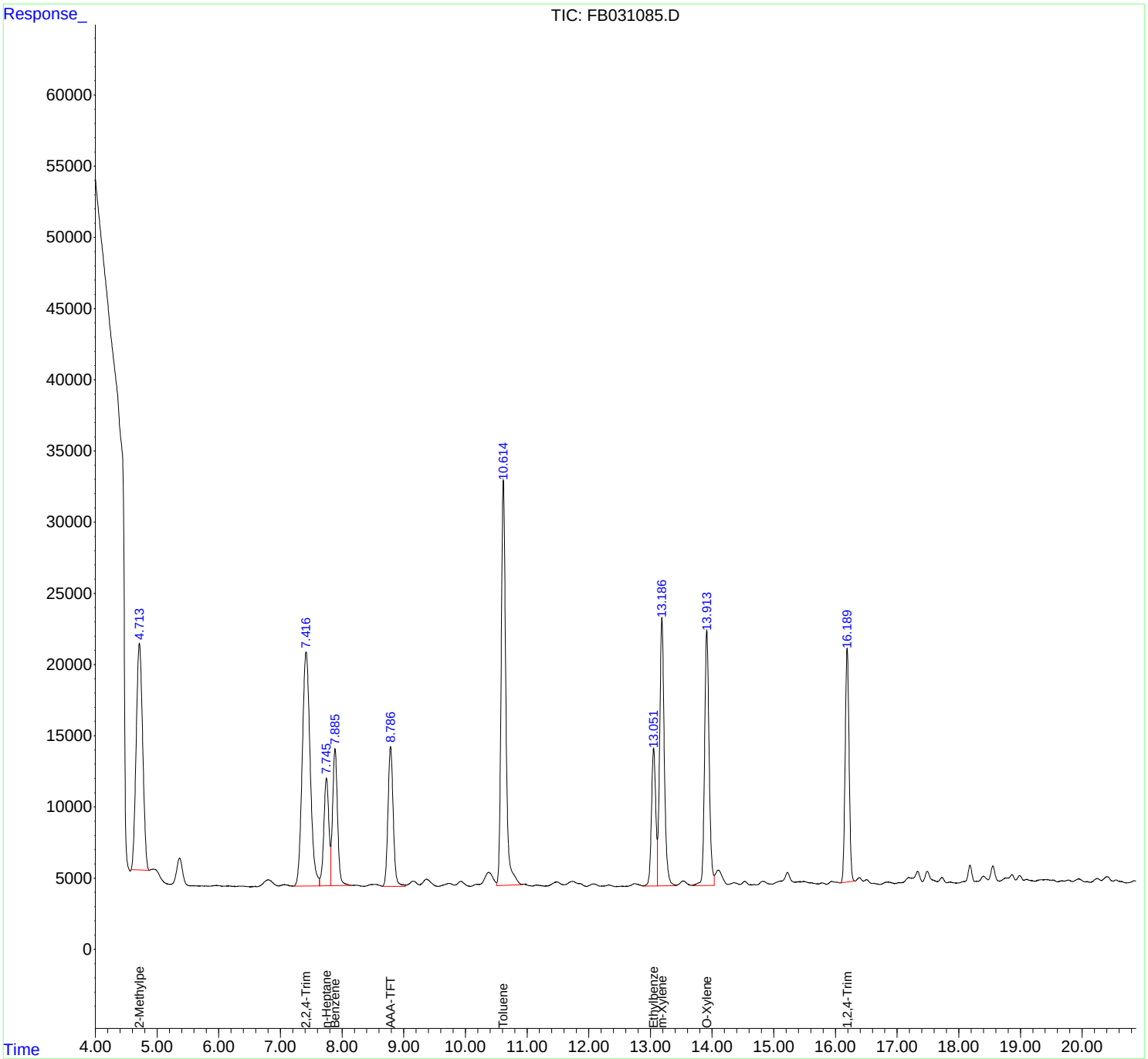
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031085.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 9:04
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 01 03:44:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031085.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 9:04
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.582	4.872	BV	15913	1161400	77.98%	13.277%
2	7.418	7.195	7.632	BV	16437	1467416	98.53%	16.775%
3	7.747	7.632	7.816	VV	7575	433431	29.10%	4.955%
4	7.886	7.816	8.161	VV	9625	539205	36.21%	6.164%
5	8.787	8.648	9.024	VV	9820	577048	38.75%	6.597%
6	10.616	10.507	10.918	VV	28406	1489268	100.00%	17.025%
7	13.053	12.878	13.113	VV	9684	467003	31.36%	5.339%
8	13.187	13.113	13.424	VV	18842	976221	65.55%	11.160%
9	13.914	13.675	14.035	VV	17900	912307	61.26%	10.429%
10	16.190	16.071	16.319	PV	16423	724421	48.64%	8.281%

Sum of corrected areas: 8747719

FB102824.M Fri Nov 01 05:02:33 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031094.D Analyst Name: YP/AJ Analyst Date: 10-30-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8162882	45349	45252	0.214

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031094.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 13:30
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 01 03:45:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.792	488717	17.705	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.719	1226045	31.217	ng/ml
2) t	2,2,4-Trimethylpentane	7.426	1438424	30.712	ng/ml
3) t	n-Heptane	7.754	466663	10.297	ng/ml
4) t	Benzene	7.892	550341	10.295	ng/ml
6) t	Toluene	10.622	1523800	30.515	ng/ml
7) t	Ethylbenzene	13.058	443007	9.897	ng/ml
8) t	m-Xylene	13.192	949965	19.531	ng/ml
9) t	O-Xylene	13.919	883998	19.393	ng/ml
10) t	1,2,4-Trimethylbenzene	16.195	680639	18.292	ng/ml

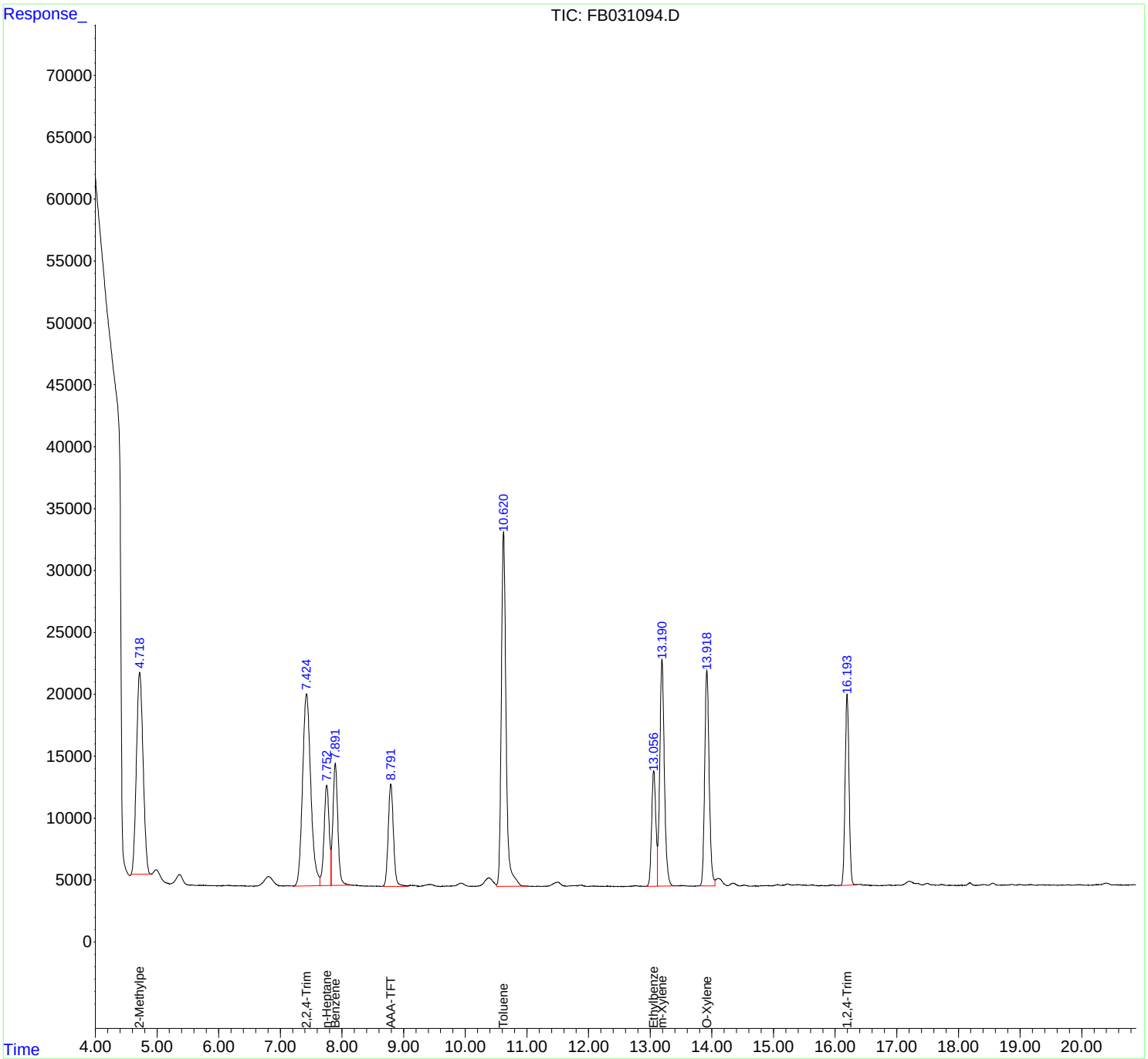
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031094.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 13:30
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 01 03:45:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031094.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 13:30
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.582	4.900	BBA	16310	1226045	80.46%	14.171%
2	7.426	7.222	7.642	PV	15509	1438424	94.40%	16.626%
3	7.754	7.642	7.822	VV	8116	466663	30.62%	5.394%
4	7.892	7.822	8.136	VV	9855	550341	36.12%	6.361%
5	8.792	8.643	9.068	PV	8286	488717	32.07%	5.649%
6	10.622	10.507	11.000	VV	28591	1523800	100.00%	17.613%
7	13.058	12.920	13.119	PV	9307	443007	29.07%	5.121%
8	13.192	13.119	13.391	VV	18292	949965	62.34%	10.980%
9	13.919	13.784	14.052	VV	17406	883998	58.01%	10.218%
10	16.195	16.052	16.327	BV	15436	680639	44.67%	7.867%

Sum of corrected areas: 8651599

FB102824.M Fri Nov 01 05:03:58 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05

ProjectID: North Point

Lab Code: CHEM Case No.: P4599 SAS No.: P4599 SDG No.: P4599

DataFile: FB031103.D Analyst Name: YP/AJ Analyst Date: 10-30-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	9132064	50734	45252	12.114

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031103.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 17:45
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 01 03:46:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.795	522957	18.946	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.722	1260623	32.098	ng/ml
2) t	2,2,4-Trimethylpentane	7.429	1457768	31.125	ng/ml
3) t	n-Heptane	7.756	482523	10.647	ng/ml
4) t	Benzene	7.894	560207	10.480	ng/ml
6) t	Toluene	10.623	1682570	33.694	ng/ml
7) t	Ethylbenzene	13.060	501628	11.206	ng/ml
8) t	m-Xylene	13.193	1174156	24.141	ng/ml
9) t	O-Xylene	13.922	1004332	22.033	ng/ml
10) t	1,2,4-Trimethylbenzene	16.197	1008257	27.097	ng/ml

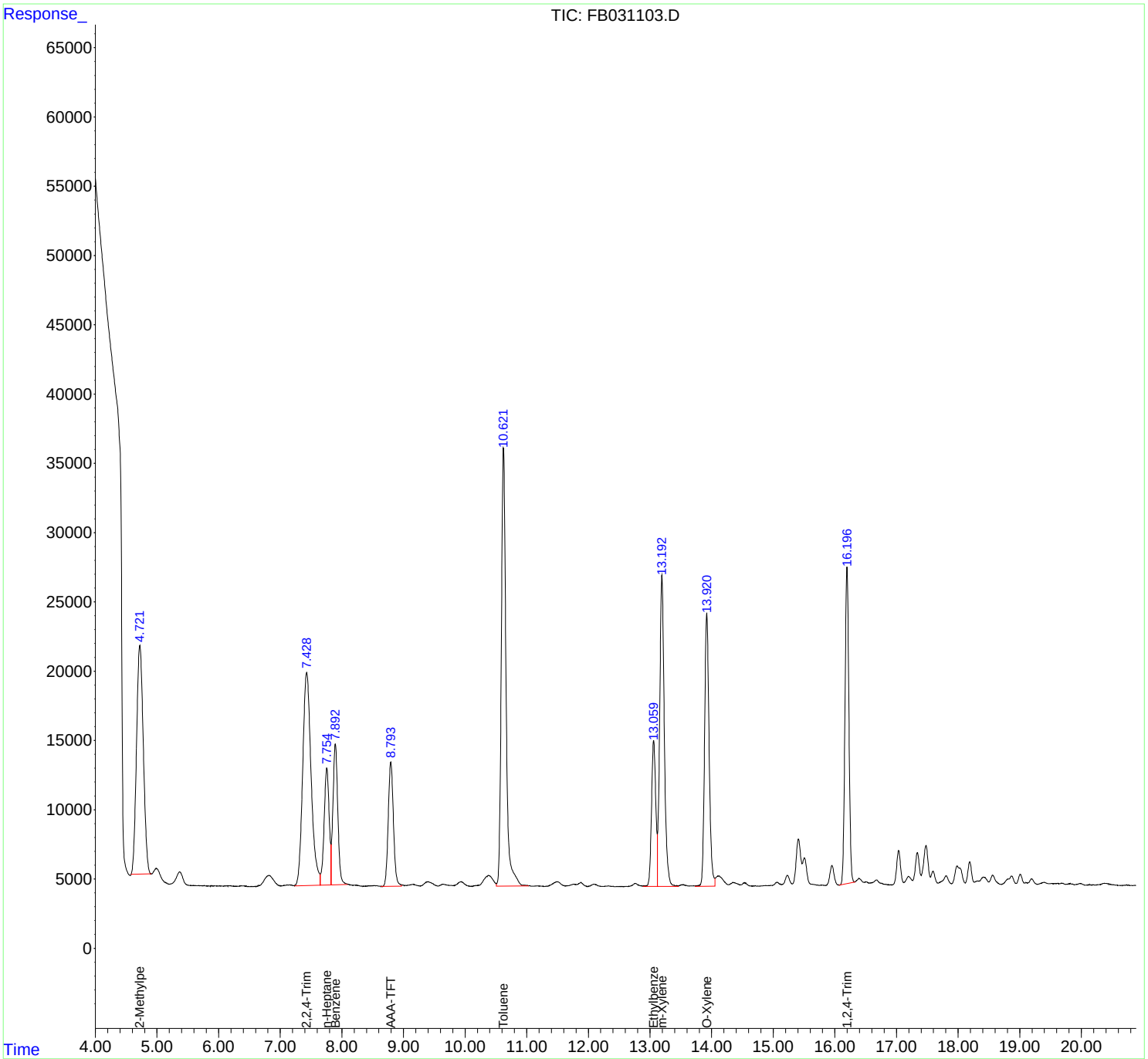
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031103.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 17:45
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 01 03:46:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031103.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 17:45
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.722	4.582	4.900	BBA	16506	1260623	74.92%	13.057%
2	7.429	7.231	7.648	PV	15398	1457768	86.64%	15.099%
3	7.756	7.648	7.824	VV	8441	482523	28.68%	4.998%
4	7.894	7.824	8.095	VV	10163	560207	33.29%	5.802%
5	8.795	8.631	8.969	BV	8982	522957	31.08%	5.416%
6	10.623	10.507	11.033	VV	31613	1682570	100.00%	17.427%
7	13.060	12.887	13.120	VV	10526	501628	29.81%	5.196%
8	13.193	13.120	13.461	VV	22453	1174156	69.78%	12.161%
9	13.922	13.733	14.056	VV	19717	1004332	59.69%	10.402%
10	16.197	16.069	16.330	PV	22848	1008257	59.92%	10.443%

Sum of corrected areas: 9655022

FB102824.M Fri Nov 01 05:06:30 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: ENTACT **SDG No.:** P4599

Project: North Point **Instrument ID:** FID_B

GC Column: RTX-502.2 **ID:** 0.53 **(mm)**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION **8.7908**

EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	29 Oct 2024 9:46	FB031054.D	8.786	
VBF1029S2	VBF1029S2	29 Oct 2024 10:51	FB031056.D	8.792	
BSF1029S1	BSF1029S1	29 Oct 2024 11:18	FB031057.D	8.793	
BSF1029S2	BSF1029S2	29 Oct 2024 14:00	FB031062.D	8.797	
20 PPB GRO STD	20 PPB GRO STD	29 Oct 2024 14:53	FB031063.D	8.793	
EX-1-TPH-1	P4599-01	29 Oct 2024 17:58	FB031069.D	8.807	
EX-1-TPH-4	P4599-04	29 Oct 2024 19:18	FB031072.D	8.850	
20 PPB GRO STD	20 PPB GRO STD	29 Oct 2024 20:11	FB031074.D	8.791	
EX-1-TPH-7	P4599-07	29 Oct 2024 22:23	FB031077.D	8.792	
EX-1-TPH-2	P4599-02	29 Oct 2024 23:43	FB031080.D	8.793	
EX-1-TPH-3	P4599-03	30 Oct 2024 00:09	FB031081.D	8.793	
20 PPB GRO STD	20 PPB GRO STD	30 Oct 2024 1:29	FB031084.D	8.793	
20 PPB GRO STD	20 PPB GRO STD	30 Oct 2024 9:04	FB031085.D	8.787	
VBF1030S2	VBF1030S2	30 Oct 2024 10:09	FB031087.D	8.792	
BSF1030S1	BSF1030S1	30 Oct 2024 10:36	FB031088.D	8.792	
EX-1-TPH-5	P4599-05	30 Oct 2024 11:16	FB031089.D	8.800	
EX-1-TPH-6	P4599-06	30 Oct 2024 11:43	FB031090.D	8.797	
EX-1-TPH-8	P4599-08	30 Oct 2024 12:10	FB031091.D	8.819	
EX-1-TPH-9	P4599-09	30 Oct 2024 12:36	FB031092.D	8.814	
20 PPB GRO STD	20 PPB GRO STD	30 Oct 2024 13:30	FB031094.D	8.792	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.6908	8.8908

QC SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	North Point			Date Received:	
Client Sample ID:	VBF1029S2			SDG No.:	P4599
Lab Sample ID:	VBF1029S2			Matrix:	SOIL
Analytical Method:	8015D GRO			% Solid:	100 Decanted:
Sample Wt/Vol:	5	Units:	g	Final Vol:	5 mL
Soil Aliquot Vol:			uL	Test:	Gasoline Range Organics
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031056.D	50	10/29/24 10:51	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	386	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.3		50 - 150	101%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031056.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 10:51
Operator : YP/AJ
Sample : VBF1029S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1029S2

Integration File: Calibration.e
Quant Time: Oct 30 05:20:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.792	559575	20.272 ng/ml
Target Compounds				

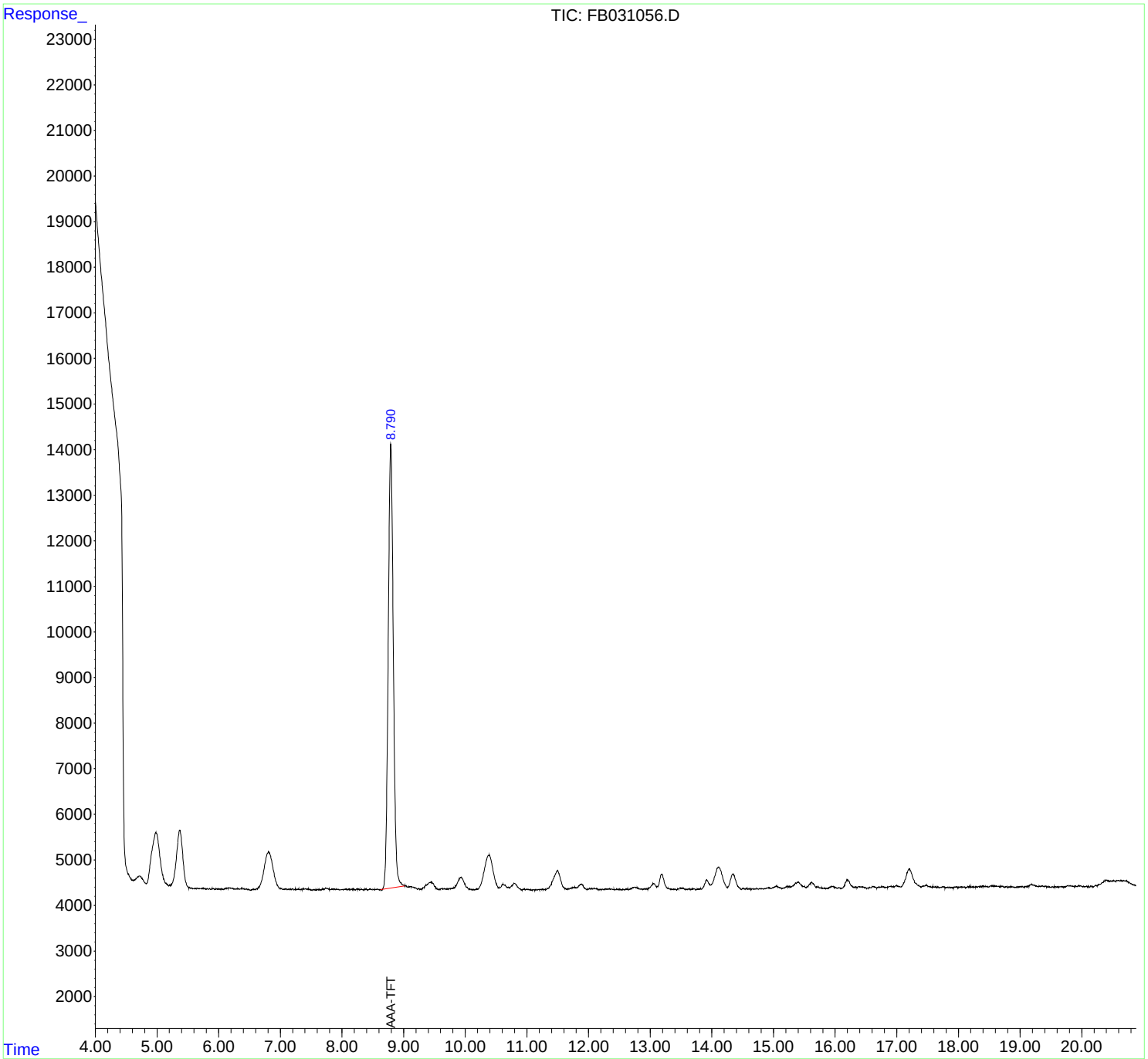
(f)=RT Delta > 1/2 Window (m)=manual int.

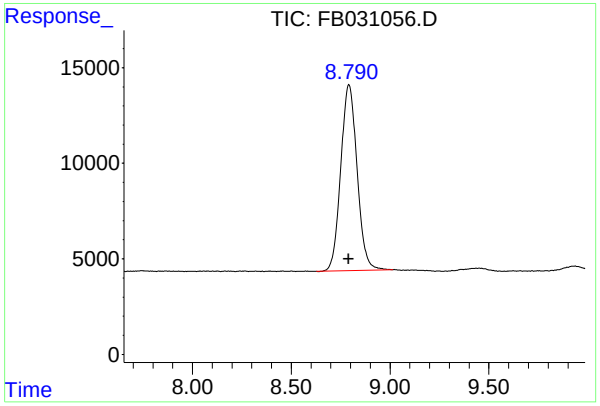
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031056.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 10:51
Operator : YP/AJ
Sample : VBF1029S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1029S2

Integration File: Calibration.e
Quant Time: Oct 30 05:20:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.792 min
Delta R.T.: 0.001 mi
Response: 559575
Conc: 20.27 ng/m

Instrument :
FID_B
ClientSampleId :
VBF1029S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031056.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 10:51
Sample : VBF1029S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.792	8.626	9.016	BV	9740	559575	100.00%	100.000%

Sum of corrected areas: 559575

FB102824.M Wed Oct 30 05:57:21 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF1030S2	SDG No.:	P4599
Lab Sample ID:	VBF1030S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031087.D	50	10/30/24 10:09	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	386	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.3		50 - 150	76%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031087.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 10:09
Operator : YP/AJ
Sample : VBF1030S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1030S2

Integration File: Calibration.e
Quant Time: Nov 01 03:44:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.792	421667	15.276 ng/ml
Target Compounds				

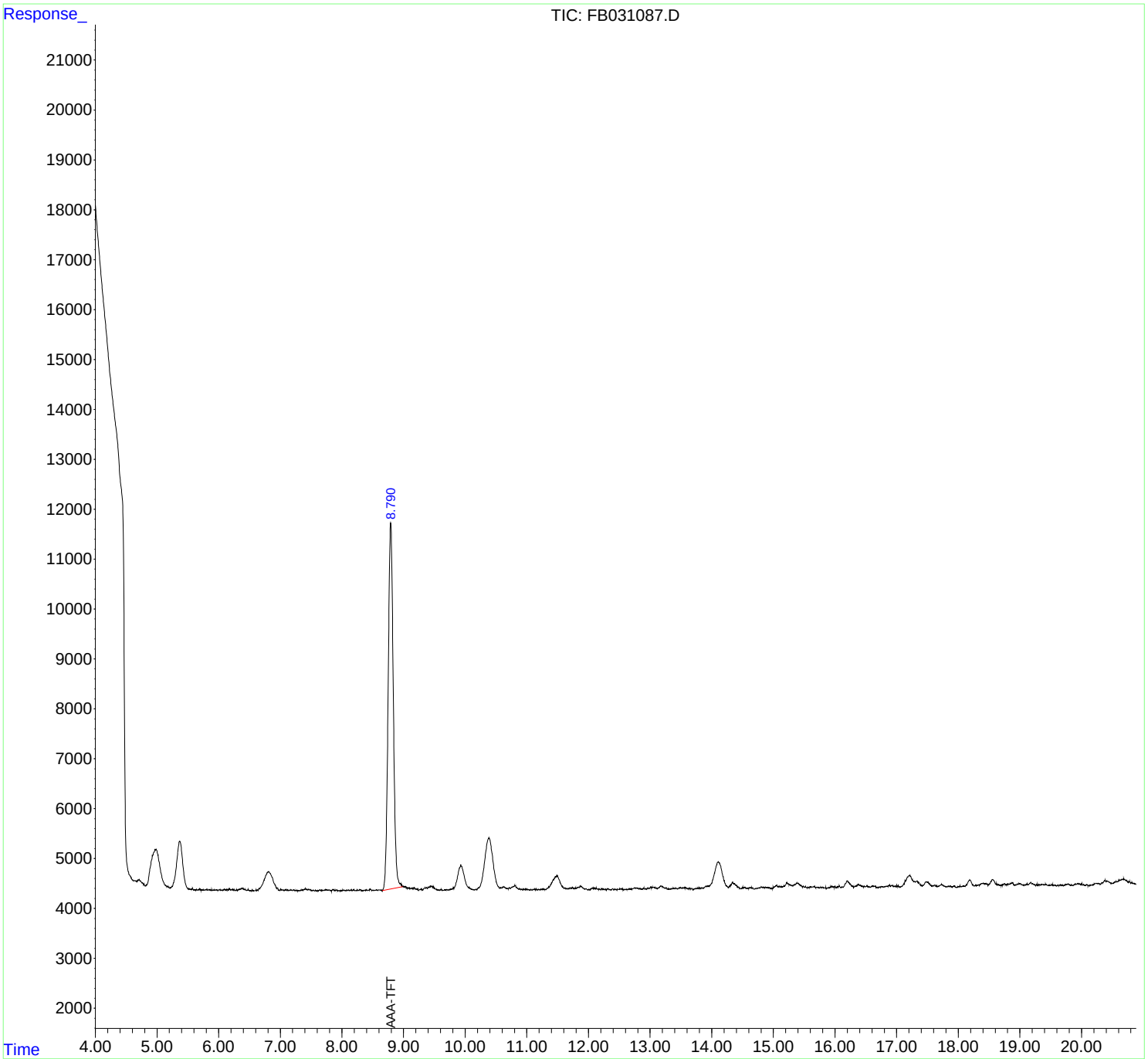
(f)=RT Delta > 1/2 Window (m)=manual int.

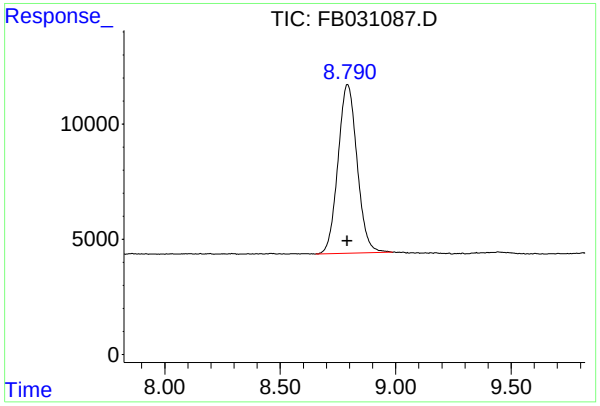
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031087.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 10:09
Operator : YP/AJ
Sample : VBF1030S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1030S2

Integration File: Calibration.e
Quant Time: Nov 01 03:44:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.792 min
Delta R.T.: 0.000 mi
Response: 421667
Conc: 15.28 ng/m

Instrument :
FID_B
ClientSampleId :
VBF1030S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031087.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 10:09
Sample : VBF1030S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.792	8.654	8.987	BV	7333	421667	100.00%	100.000%

Sum of corrected areas: 421667

FB102824.M Fri Nov 01 05:02:58 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	BSF1029S1		SDG No.:	P4599	
Lab Sample ID:	BSF1029S1		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031057.D	1	10/29/24 11:18	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	169		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.8		50 - 150	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031057.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 11:18
Operator : YP/AJ
Sample : BSF1029S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1029S1

Integration File: Calibration.e
Quant Time: Oct 30 05:20:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.793	602779	21.838	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.723	1127223	28.701	ng/ml
2) t	2,2,4-Trimethylpentane	7.428	1325103	28.292	ng/ml
3) t	n-Heptane	7.754	443293	9.781	ng/ml
4) t	Benzene	7.893	505702	9.460	ng/ml
6) t	Toluene	10.621	1444226	28.921	ng/ml
7) t	Ethylbenzene	13.058	414563	9.261	ng/ml
8) t	m-Xylene	13.191	898912	18.482	ng/ml
9) t	O-Xylene	13.919	836291	18.347	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	657130	17.661	ng/ml

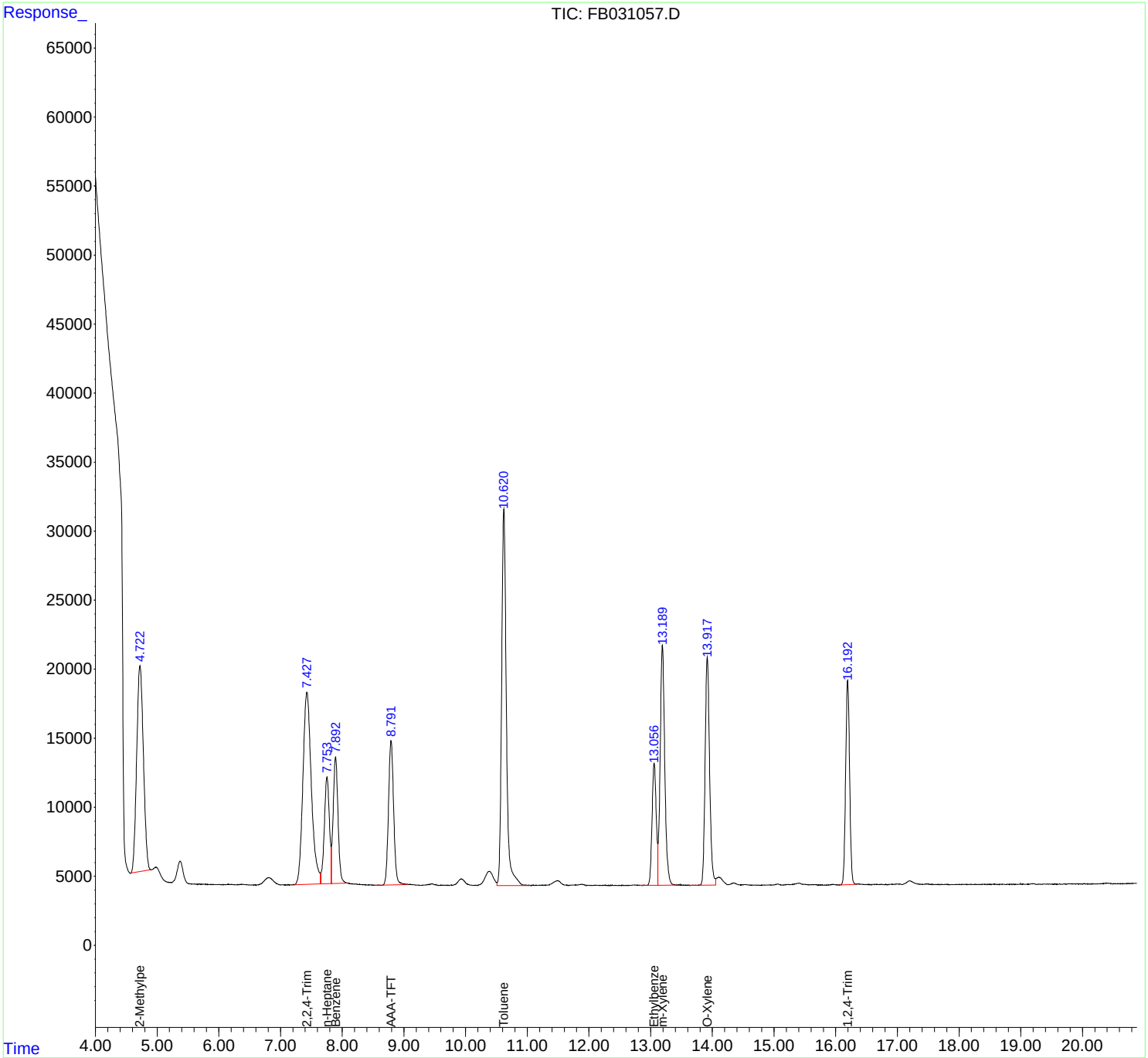
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031057.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 11:18
Operator : YP/AJ
Sample : BSF1029S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1029S1

Integration File: Calibration.e
Quant Time: Oct 30 05:20:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031057.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 11:18
Sample : BSF1029S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.723	4.582	4.894	BV	14913	1127223	78.05%	13.655%
2	7.428	7.223	7.650	PV	13933	1325103	91.75%	16.052%
3	7.754	7.650	7.823	VV	7745	443293	30.69%	5.370%
4	7.893	7.823	8.081	VV	9184	505702	35.02%	6.126%
5	8.793	8.523	9.043	BV	10452	602779	41.74%	7.302%
6	10.621	10.508	11.047	VV	27250	1444226	100.00%	17.495%
7	13.058	12.818	13.118	BV	8821	414563	28.70%	5.022%
8	13.191	13.118	13.430	VV	17385	898912	62.24%	10.889%
9	13.919	13.616	14.055	BV	16523	836291	57.91%	10.130%
10	16.194	16.052	16.334	BV	14797	657130	45.50%	7.960%

Sum of corrected areas: 8255223

FB102824.M Wed Oct 30 05:58:05 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	BSF1030S1		SDG No.:	P4599	
Lab Sample ID:	BSF1030S1		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031088.D	1	10/30/24 10:36	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	165		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.4		50 - 150	97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031088.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 10:36
Operator : YP/AJ
Sample : BSF1030S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1030S1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

Integration File: Calibration.e
Quant Time: Nov 01 03:44:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.792	534297	19.357	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.718	1114690	28.382	ng/ml
2) t	2,2,4-Trimethylpentane	7.422	1311189	27.995	ng/ml
3) t	n-Heptane	7.753	413079	9.115	ng/ml
4) t	Benzene	7.892	501742	9.386	ng/ml
6) t	Toluene	10.620	1397804	27.992	ng/ml
7) t	Ethylbenzene	13.057	406021	9.071	ng/ml
8) t	m-Xylene	13.191	871844	17.925	ng/ml
9) t	O-Xylene	13.919	810930	17.790	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	630323	16.940	ng/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB103024\
Data File : FB031088.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 10:36
Operator : YP/AJ
Sample : BSF1030S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

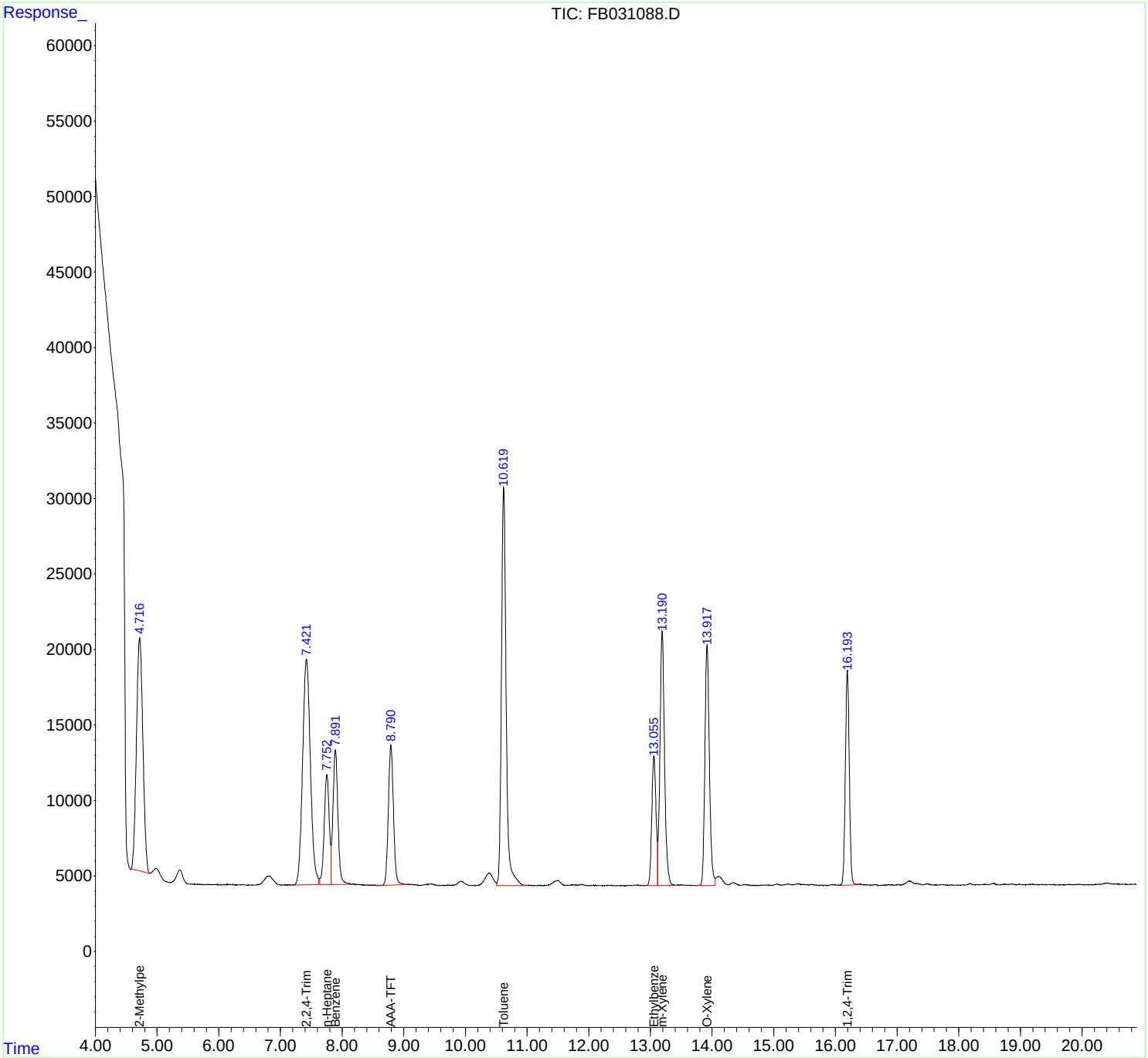
Integration File: Calibration.e
Quant Time: Nov 01 03:44:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
BSF1030S1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



Instrument :
FID_B
ClientSampleId :
BSF1030S1

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB10302
Data File : FB031088.D
Signal(s) : FID2B.CH
Acq On : 30 Oct 2024 10:36
Sample : BSF1030S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.582	4.884	BV	15431	1114690	79.75%	13.958%
2	7.422	7.195	7.622	BV	14944	1311189	93.80%	16.418%
3	7.753	7.634	7.821	VV	7288	413079	29.55%	5.172%
4	7.892	7.821	8.158	VV	8919	501742	35.90%	6.283%
5	8.792	8.576	9.038	BV	9267	534297	38.22%	6.690%
6	10.620	10.502	11.000	VV	26401	1397804	100.00%	17.503%
7	13.057	12.932	13.118	VV	8586	406021	29.05%	5.084%
8	13.191	13.118	13.416	VV	16829	871844	62.37%	10.917%
9	13.919	13.744	14.051	BV	15922	810930	58.01%	10.154%
10	16.194	15.829	16.401	BBA	14190	624647	44.69%	7.822%

Sum of corrected areas: 7986242

FB102824.M Fri Nov 01 05:03:18 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	North Point			Date Received:	
Client Sample ID:	BSF1029S2			SDG No.:	P4599
Lab Sample ID:	BSF1029S2			Matrix:	SOIL
Analytical Method:	8015D GRO			% Solid:	100 Decanted:
Sample Wt/Vol:	5	Units:	g	Final Vol:	5 mL
Soil Aliquot Vol:			uL	Test:	Gasoline Range Organics
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031062.D	1	10/29/24 14:00	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	202		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	26.3		50 - 150	131%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031062.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 14:00
Operator : YP/AJ
Sample : BSF1029S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1029S2

Integration File: Calibration.e
Quant Time: Oct 30 05:21:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.797	725749	26.293	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.724	1214097	30.913	ng/ml
2) t	2,2,4-Trimethylpentane	7.433	1683659	35.948	ng/ml
3) t	n-Heptane	7.755	543329	11.989	ng/ml
4) t	Benzene	7.895	561192	10.498	ng/ml
6) t	Toluene	10.624	1518924	30.417	ng/ml
7) t	Ethylbenzene	13.054	811868	18.137	ng/ml
8) t	m-Xylene	13.192	1146717	23.576	ng/ml
9) t	O-Xylene	13.921	965786	21.187	ng/ml
10) t	1,2,4-Trimethylbenzene	16.197	694597	18.668	ng/ml

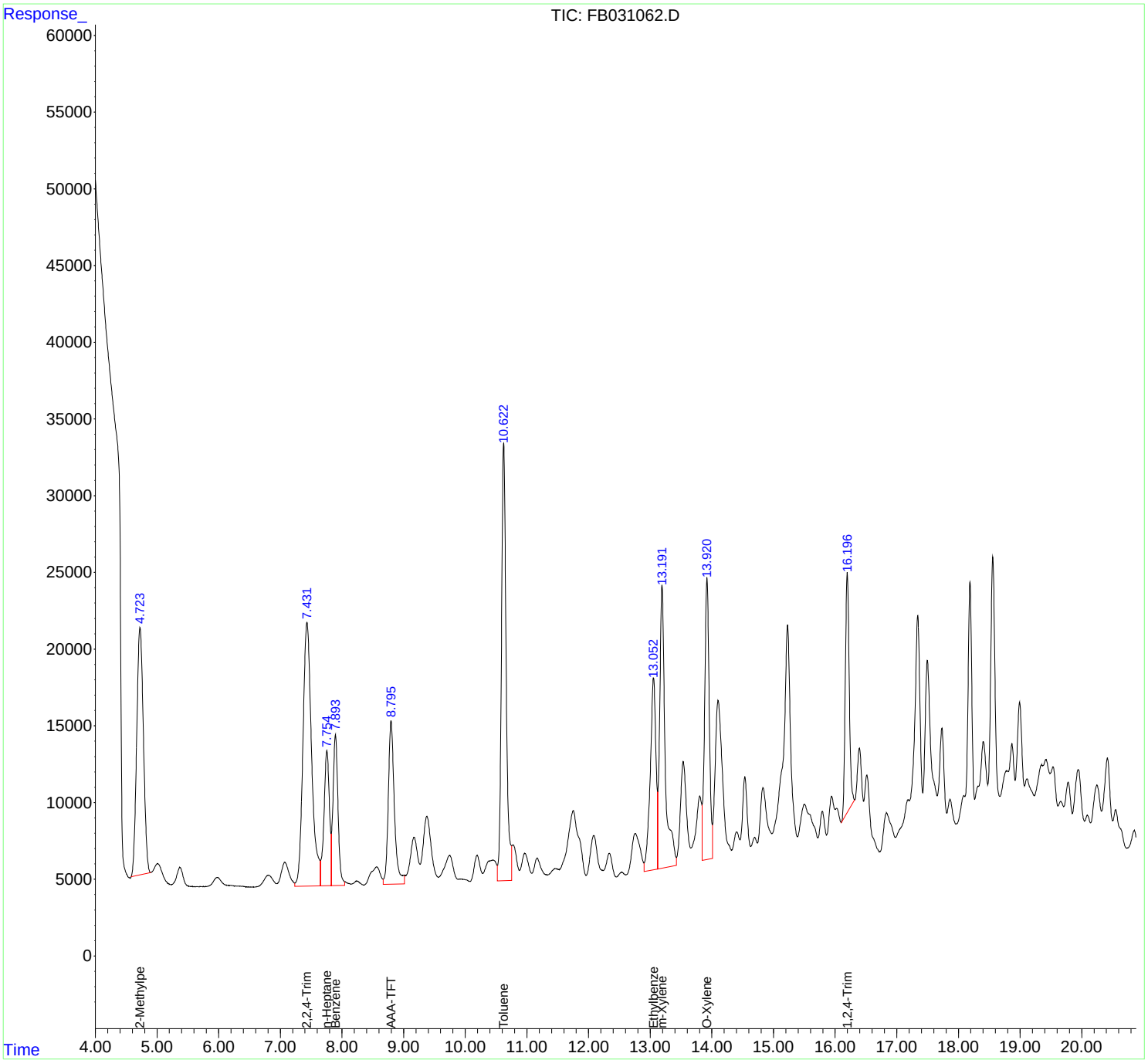
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031062.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 14:00
Operator : YP/AJ
Sample : BSF1029S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1029S2

Integration File: Calibration.e
Quant Time: Oct 30 05:21:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102924\
Data File : FB031062.D
Signal(s) : FID2B.CH
Acq On : 29 Oct 2024 14:00
Sample : BSF1029S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 9 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.724	4.582	4.900	BBA	16123	1214097	72.11%	12.306%
2	7.433	7.235	7.651	VV	17191	1683659	100.00%	17.065%
3	7.755	7.651	7.826	VV	8812	543329	32.27%	5.507%
4	7.895	7.826	8.042	VV	9847	561192	33.33%	5.688%
5	8.797	8.668	9.013	VV	10650	725749	43.11%	7.356%
6	10.624	10.520	10.753	VV	28496	1518924	90.22%	15.396%
7	13.054	12.900	13.122	VV	12524	811868	48.22%	8.229%
8	13.192	13.122	13.425	VV	18396	1146717	68.11%	11.623%
9	13.921	13.841	14.010	VV	18360	965786	57.36%	9.789%
10	16.197	16.103	16.317	PV	15638	694597	41.26%	7.040%

Sum of corrected areas: 9865919

FB102824.M Wed Oct 30 06:01:08 2024

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4599-01		FB031058.D	FB102924	AAA-TFT	Ankita	10/30/2024 9:20:39 AM	Peak Integrated by Software incorrectly
P4599-04		FB031061.D	FB102924	AAA-TFT	Ankita	10/30/2024 9:20:41 AM	Peak Integrated by Software incorrectly
P4599-05		FB031064.D	FB102924	AAA-TFT	Ankita	10/30/2024 9:20:42 AM	Peak Integrated by Software incorrectly
P4599-06		FB031065.D	FB102924	AAA-TFT	Ankita	10/30/2024 9:20:44 AM	Peak Integrated by Software incorrectly
P4599-08		FB031067.D	FB102924	AAA-TFT	Ankita	10/30/2024 9:20:45 AM	Peak Integrated by Software incorrectly
P4599-09		FB031068.D	FB102924	AAA-TFT	Ankita	10/30/2024 9:20:47 AM	Peak Integrated by Software incorrectly

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
BSF1030S1		FB031088.D	FB103024	1,2,4-Trimethylbenzene	Ankita	11/4/2024 9:20:47 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	2,2,4-Trimethylpentane	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	2-Methylpentane	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	AAA-TFT	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	Benzene	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	Ethylbenzene	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	n-Heptane	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly
P4495-15		FB031095.D	FB103024	Toluene	Ankita	11/4/2024 9:20:48 AM	Peak Integrated by Software incorrectly

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102824

Review By	yogesh	Review On	10/28/2024 12:59:40 PM		
Supervise By	Ankita	Supervise On	10/29/2024 9:55:43 AM		
SubDirectory	FB102824	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB031047.D	28 Oct 2024 9:52	YP/AJ	Not Ok
2	10 GRO STD	FB031048.D	28 Oct 2024 10:19	YP/AJ	Ok
3	20 GRO STD	FB031049.D	28 Oct 2024 10:46	YP/AJ	Ok
4	50 GRO STD	FB031050.D	28 Oct 2024 11:12	YP/AJ	Ok
5	100 GRO STD	FB031051.D	28 Oct 2024 11:39	YP/AJ	Ok
6	5 GRO STD	FB031052.D	28 Oct 2024 12:22	YP/AJ	Ok
7	FB102824GROICV	FB031053.D	28 Oct 2024 13:03	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102924

Review By	yogesh	Review On	10/29/2024 1:47:02 PM		
Supervise By	Ankita	Supervise On	10/30/2024 9:20:55 AM		
SubDirectory	FB102924	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23923,PP23924,PP23925,PP23926
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031054.D	29 Oct 2024 9:46	YP/AJ	Ok
2	VBF1029S1	FB031055.D	29 Oct 2024 10:24	YP/AJ	Ok
3	VBF1029S2	FB031056.D	29 Oct 2024 10:51	YP/AJ	Ok
4	BSF1029S1	FB031057.D	29 Oct 2024 11:18	YP/AJ	Ok
5	P4599-01	FB031058.D	29 Oct 2024 12:13	YP/AJ	Dilution
6	P4599-02	FB031059.D	29 Oct 2024 12:39	YP/AJ	Dilution
7	P4599-03	FB031060.D	29 Oct 2024 13:06	YP/AJ	Dilution
8	P4599-04	FB031061.D	29 Oct 2024 13:33	YP/AJ	Dilution
9	BSF1029S2	FB031062.D	29 Oct 2024 14:00	YP/AJ	Ok
10	20 PPB GRO STD	FB031063.D	29 Oct 2024 14:53	YP/AJ	Ok
11	P4599-05	FB031064.D	29 Oct 2024 15:46	YP/AJ	Dilution
12	P4599-06	FB031065.D	29 Oct 2024 16:12	YP/AJ	Dilution
13	P4599-07	FB031066.D	29 Oct 2024 16:39	YP/AJ	Dilution
14	P4599-08	FB031067.D	29 Oct 2024 17:05	YP/AJ	Dilution
15	P4599-09	FB031068.D	29 Oct 2024 17:32	YP/AJ	Dilution
16	P4599-01	FB031069.D	29 Oct 2024 17:58	YP/AJ	Ok
17	P4599-02	FB031070.D	29 Oct 2024 18:25	YP/AJ	Dilution
18	P4599-03	FB031071.D	29 Oct 2024 18:52	YP/AJ	Dilution
19	P4599-04	FB031072.D	29 Oct 2024 19:18	YP/AJ	Ok
20	BSF1029S3	FB031073.D	29 Oct 2024 19:45	YP/AJ	Ok
21	20 PPB GRO STD	FB031074.D	29 Oct 2024 20:11	YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102924

Review By	yogesh	Review On	10/29/2024 1:47:02 PM		
Supervise By	Ankita	Supervise On	10/30/2024 9:20:55 AM		
SubDirectory	FB102924	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23923,PP23924,PP23925,PP23926
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4599-05	FB031075.D	29 Oct 2024 21:30	YP/AJ	Dilution
23	P4599-06	FB031076.D	29 Oct 2024 21:57	YP/AJ	Dilution
24	P4599-07	FB031077.D	29 Oct 2024 22:23	YP/AJ	Ok
25	P4599-08	FB031078.D	29 Oct 2024 22:49	YP/AJ	Dilution
26	P4599-09	FB031079.D	29 Oct 2024 23:16	YP/AJ	Dilution
27	P4599-02	FB031080.D	29 Oct 2024 23:43	YP/AJ	Ok
28	P4599-03	FB031081.D	30 Oct 2024 00:09	YP/AJ	Ok
29	P4599-04	FB031082.D	30 Oct 2024 00:36	YP/AJ	Ok
30	BSF1029S4	FB031083.D	30 Oct 2024 1:02	YP/AJ	Ok
31	20 PPB GRO STD	FB031084.D	30 Oct 2024 1:29	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB103024

Review By	yogesh	Review On	10/30/2024 10:38:27 AM		
Supervise By	Ankita	Supervise On	11/4/2024 9:20:54 AM		
SubDirectory	FB103024	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23931,PP23932,PP23933
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031085.D	30 Oct 2024 9:04	YP/AJ	Ok
2	VBF1030S1	FB031086.D	30 Oct 2024 9:43	YP/AJ	Ok
3	VBF1030S2	FB031087.D	30 Oct 2024 10:09	YP/AJ	Ok
4	BSF1030S1	FB031088.D	30 Oct 2024 10:36	YP/AJ	Ok,M
5	P4599-05	FB031089.D	30 Oct 2024 11:16	YP/AJ	Ok
6	P4599-06	FB031090.D	30 Oct 2024 11:43	YP/AJ	Ok
7	P4599-08	FB031091.D	30 Oct 2024 12:10	YP/AJ	Ok
8	P4599-09	FB031092.D	30 Oct 2024 12:36	YP/AJ	Ok
9	BSF1030S2	FB031093.D	30 Oct 2024 13:03	YP/AJ	Ok
10	20 PPB GRO STD	FB031094.D	30 Oct 2024 13:30	YP/AJ	Ok
11	P4495-15	FB031095.D	30 Oct 2024 14:11	YP/AJ	Dilution
12	I.BLK	FB031096.D	30 Oct 2024 14:38	YP/AJ	Ok
13	P4495-15	FB031097.D	30 Oct 2024 15:04	YP/AJ	Dilution
14	I.BLK	FB031098.D	30 Oct 2024 15:31	YP/AJ	Ok
15	P4495-15	FB031099.D	30 Oct 2024 15:58	YP/AJ	Ok
16	I.BLK	FB031100.D	30 Oct 2024 16:24	YP/AJ	Ok
17	P4495-15	FB031101.D	30 Oct 2024 16:51	YP/AJ	Not Ok
18	BSF1030S3	FB031102.D	30 Oct 2024 17:18	YP/AJ	Ok
19	20 PPB GRO STD	FB031103.D	30 Oct 2024 17:45	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102824

Review By	yogesh	Review On	10/28/2024 12:59:40 PM		
Supervise By	Ankita	Supervise On	10/29/2024 9:55:43 AM		
SubDirectory	FB102824	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB031047.D	28 Oct 2024 9:52		YP/AJ	Not Ok
2	10 GRO STD		FB031048.D	28 Oct 2024 10:19		YP/AJ	Ok
3	20 GRO STD		FB031049.D	28 Oct 2024 10:46		YP/AJ	Ok
4	50 GRO STD		FB031050.D	28 Oct 2024 11:12		YP/AJ	Ok
5	100 GRO STD		FB031051.D	28 Oct 2024 11:39		YP/AJ	Ok
6	5 GRO STD		FB031052.D	28 Oct 2024 12:22		YP/AJ	Ok
7	FB102824GROICV		FB031053.D	28 Oct 2024 13:03		YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102924

Review By	yogesh	Review On	10/29/2024 1:47:02 PM		
Supervise By	Ankita	Supervise On	10/30/2024 9:20:55 AM		
SubDirectory	FB102924	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23923,PP23924,PP23925,PP23926
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031054.D	29 Oct 2024 9:46		YP/AJ	Ok
2	VBF1029S1		FB031055.D	29 Oct 2024 10:24		YP/AJ	Ok
3	VBF1029S2		FB031056.D	29 Oct 2024 10:51		YP/AJ	Ok
4	BSF1029S1		FB031057.D	29 Oct 2024 11:18		YP/AJ	Ok
5	P4599-01		FB031058.D	29 Oct 2024 12:13	vial-A need dilution surrogate fail	YP/AJ	Dilution
6	P4599-02		FB031059.D	29 Oct 2024 12:39	vial-A need dilution surrogate fail	YP/AJ	Dilution
7	P4599-03		FB031060.D	29 Oct 2024 13:06	vial-A need dilution surrogate fail	YP/AJ	Dilution
8	P4599-04		FB031061.D	29 Oct 2024 13:33	vial-A need dilution surrogate fail	YP/AJ	Dilution
9	BSF1029S2		FB031062.D	29 Oct 2024 14:00		YP/AJ	Ok
10	20 PPB GRO STD		FB031063.D	29 Oct 2024 14:53		YP/AJ	Ok
11	P4599-05		FB031064.D	29 Oct 2024 15:46	vial-A need dilution surrogate fai	YP/AJ	Dilution
12	P4599-06		FB031065.D	29 Oct 2024 16:12	vial-A need dilution surrogate fai	YP/AJ	Dilution
13	P4599-07		FB031066.D	29 Oct 2024 16:39	vial-A need dilution surrogate fai	YP/AJ	Dilution
14	P4599-08		FB031067.D	29 Oct 2024 17:05	vial-A need dilution surrogate fai	YP/AJ	Dilution
15	P4599-09		FB031068.D	29 Oct 2024 17:32	vial-A need dilution surrogate fai	YP/AJ	Dilution
16	P4599-01		FB031069.D	29 Oct 2024 17:58	vial-c surrogate fai	YP/AJ	Ok
17	P4599-02		FB031070.D	29 Oct 2024 18:25	vial-c need further dilution surrogate fai	YP/AJ	Dilution

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Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB102924

Review By	yogesh	Review On	10/29/2024 1:47:02 PM		
Supervise By	Ankita	Supervise On	10/30/2024 9:20:55 AM		
SubDirectory	FB102924	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23923,PP23924,PP23925,PP23926
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	P4599-03		FB031071.D	29 Oct 2024 18:52	vial-c need further dilution surrogate fai	YP/AJ	Dilution
19	P4599-04		FB031072.D	29 Oct 2024 19:18	vial-c surrogate fai	YP/AJ	Ok
20	BSF1029S3		FB031073.D	29 Oct 2024 19:45		YP/AJ	Ok
21	20 PPB GRO STD		FB031074.D	29 Oct 2024 20:11		YP/AJ	Ok
22	P4599-05		FB031075.D	29 Oct 2024 21:30	vial-c need further 5x dilution surrogate fai	YP/AJ	Dilution
23	P4599-06		FB031076.D	29 Oct 2024 21:57	vial-c need further 10x dilution surrogate fai	YP/AJ	Dilution
24	P4599-07		FB031077.D	29 Oct 2024 22:23		YP/AJ	Ok
25	P4599-08		FB031078.D	29 Oct 2024 22:49	vial-c need further 10x dilution surrogate fai	YP/AJ	Dilution
26	P4599-09		FB031079.D	29 Oct 2024 23:16	vial-c need further 5x dilution surrogate fai	YP/AJ	Dilution
27	P4599-02		FB031080.D	29 Oct 2024 23:43		YP/AJ	Ok
28	P4599-03		FB031081.D	30 Oct 2024 00:09	surrogate fai	YP/AJ	Ok
29	P4599-04		FB031082.D	30 Oct 2024 00:36	surrogate fai	YP/AJ	Ok
30	BSF1029S4		FB031083.D	30 Oct 2024 1:02		YP/AJ	Ok
31	20 PPB GRO STD		FB031084.D	30 Oct 2024 1:29		YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB103024

Review By	yogesh	Review On	10/30/2024 10:38:27 AM		
Supervise By	Ankita	Supervise On	11/4/2024 9:20:54 AM		
SubDirectory	FB103024	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23931,PP23932,PP23933
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031085.D	30 Oct 2024 9:04		YP/AJ	Ok
2	VBF1030S1		FB031086.D	30 Oct 2024 9:43		YP/AJ	Ok
3	VBF1030S2		FB031087.D	30 Oct 2024 10:09		YP/AJ	Ok
4	BSF1030S1		FB031088.D	30 Oct 2024 10:36		YP/AJ	Ok,M
5	P4599-05		FB031089.D	30 Oct 2024 11:16	vial-c surrogate fail	YP/AJ	Ok
6	P4599-06		FB031090.D	30 Oct 2024 11:43	vial-c	YP/AJ	Ok
7	P4599-08		FB031091.D	30 Oct 2024 12:10	vial-c surrogate fail	YP/AJ	Ok
8	P4599-09		FB031092.D	30 Oct 2024 12:36	vial-c surrogate fail	YP/AJ	Ok
9	BSF1030S2		FB031093.D	30 Oct 2024 13:03		YP/AJ	Ok
10	20 PPB GRO STD		FB031094.D	30 Oct 2024 13:30		YP/AJ	Ok
11	P4495-15		FB031095.D	30 Oct 2024 14:11	need dilution	YP/AJ	Dilution
12	I.BLK		FB031096.D	30 Oct 2024 14:38		YP/AJ	Ok
13	P4495-15		FB031097.D	30 Oct 2024 15:04	need dilution	YP/AJ	Dilution
14	I.BLK		FB031098.D	30 Oct 2024 15:31		YP/AJ	Ok
15	P4495-15		FB031099.D	30 Oct 2024 15:58		YP/AJ	Ok
16	I.BLK		FB031100.D	30 Oct 2024 16:24		YP/AJ	Ok
17	P4495-15		FB031101.D	30 Oct 2024 16:51	not required	YP/AJ	Not Ok
18	BSF1030S3		FB031102.D	30 Oct 2024 17:18		YP/AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB103024

Review By	yogesh	Review On	10/30/2024 10:38:27 AM		
Supervise By	Ankita	Supervise On	11/4/2024 9:20:54 AM		
SubDirectory	FB103024	HP Acquire Method		HP Processing Method	FB102824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC	PP23931,PP23932,PP23933
Internal Standard/PEM	
ICV/I.BLK	PP23535,PP23922
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPB GRO STD		FB031103.D	30 Oct 2024 17:45		YP/AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133188

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4599-01	EX-1-TPH-1	1	1.15	8.84	9.99	8.33	81.2	
P4599-02	EX-1-TPH-2	2	1.15	8.38	9.53	8.01	81.9	
P4599-03	EX-1-TPH-3	3	1.18	8.79	9.97	8.64	84.9	
P4599-04	EX-1-TPH-4	4	1.19	8.75	9.94	8.75	86.4	
P4599-05	EX-1-TPH-5	5	1.12	8.86	9.98	8.57	84.1	
P4599-06	EX-1-TPH-6	6	1.17	8.61	9.78	8.25	82.2	
P4599-07	EX-1-TPH-7	7	1.18	8.66	9.84	8.34	82.7	
P4599-08	EX-1-TPH-8	8	1.18	8.66	9.84	8.49	84.4	
P4599-09	EX-1-TPH-9	9	1.15	8.81	9.96	8.94	88.4	
P4601-19	C0PI0	10	1.14	8.82	9.96	7.38	70.7	
P4601-20	C0PI2	11	1.18	8.42	9.6	9.15	94.7	
P4601-21	C0PI6	12	1.14	8.64	9.78	8.53	85.5	
P4601-22	C0PI8	13	1.15	8.84	9.99	8.31	81.0	
P4601-23	C0PI9	14	1.18	8.63	9.81	8.68	86.9	
P4601-24	CC0P1	15	1.13	8.70	9.83	9.42	95.3	
P4601-25	CC0P3	16	1.13	8.61	9.74	8.68	87.7	
P4601-26	CC0P5	17	1.17	8.55	9.72	8.77	88.9	
P4601-27	CC0P7	18	1.18	8.33	9.51	8.51	88.0	
P4601-28	CC0P9	19	1.15	8.56	9.71	8.71	88.3	
P4601-29	CC0Q1	20	1.17	8.53	9.7	8.68	88.0	
P4601-30	CC0Q6	21	1.16	8.69	9.85	9.22	92.8	
P4601-31	CC0Q8	22	1.16	8.50	9.66	8.35	84.6	
P4601-32	CC0R3	23	1.17	8.56	9.73	7.84	77.9	
P4601-33	CC0R4	24	1.16	8.42	9.58	7.19	71.6	
P4601-34	CC0R5	25	1.18	8.77	9.95	9.55	95.4	
P4601-35	CC0R6	26	1.14	8.62	9.76	9.25	94.1	
P4601-36	CC0R7	27	1.15	8.37	9.52	7.95	81.2	
P4601-37	P4601-36MS	28	1.15	8.37	9.52	7.95	81.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133188

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4601-38	P4601-36MSD	29	1.15	8.37	9.52	7.95	81.2	
P4602-19	C0P17	30	1.17	8.65	9.82	9.06	91.2	
P4602-21	CC0P2	31	1.15	8.78	9.93	9.58	96.0	
P4602-22	CC0P4	32	1.14	8.41	9.55	9.17	95.5	
P4602-23	CC0P6	33	1.14	8.64	9.78	9.11	92.2	
P4602-24	CC0P8	34	1.18	8.57	9.75	8.71	87.9	
P4602-25	CC0Q0	35	1.16	8.40	9.56	8.7	89.8	
P4602-26	CC0Q2	36	1.13	8.54	9.67	8.43	85.5	
P4602-27	CC0Q3	37	1.13	8.47	9.6	6.8	66.9	
P4602-28	CC0Q4	38	1.16	8.42	9.58	7.84	79.3	
P4602-29	CC0Q5	39	1.15	8.38	9.53	7.64	77.4	
P4602-30	CC0Q7	40	1.15	8.78	9.93	8.61	85.0	
P4602-31	CC0Q9	41	1.14	8.79	9.93	9.57	95.9	
P4602-32	CC0R0	42	1.13	8.83	9.96	8.82	87.1	
P4602-33	CC0R1	43	1.15	8.66	9.81	7.9	77.9	
P4602-34	CC0R2	44	1.15	8.64	9.79	7.53	73.8	
P4602-37	CC0P0	45	1.15	8.57	9.72	9.1	92.8	
P4602-38	P4602-38MS	46	1.15	8.57	9.72	9.1	92.8	
P4602-39	P4602-38MSD	47	1.15	8.57	9.72	9.1	92.8	
P4602-40	CC0R6	48	1.15	8.62	9.77	9.3	94.5	
P4602-41	P4602-40MS	49	1.15	8.62	9.77	9.3	94.5	
P4602-42	P4602-40MSD	50	1.15	8.62	9.77	9.3	94.5	
P4602-43	CC0R8	51	1.15	8.41	9.56	8.85	91.6	
P4602-44	P4602-43MS	52	1.15	8.41	9.56	8.85	91.6	
P4602-45	P4602-43MSD	53	1.15	8.41	9.56	8.85	91.6	
P4605-01	TAPIAL2-SED02-102824-00-T2	54	1.16	8.51	9.67	8.99	92.0	
P4605-02	TAPIAL2-SED01-102824-00-T2	55	1.15	8.46	9.61	8.41	85.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133188

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4605-03	TAPIAL3-SED01-102824-00-T2	56	1.17	8.61	9.78	8.85	89.2	
P4605-04	TAPHHA-SED01-102824-00-T2	57	1.15	8.43	9.58	8.32	85.1	
P4605-05	TAPHHA-SED02-102824-00-T2	58	1.15	8.65	9.8	5.88	54.7	
P4605-06	TAPLPR-SED11-102824-00-T2	59	1.16	8.50	9.66	7.76	77.6	
P4606-01	1	60	1.00	1.00	2.00	2.00	100.0	caluk
P4611-01	TP-1	61	1.18	8.80	9.98	9.52	94.8	
P4611-02	TP-1-E2	62	1.15	8.82	9.97	9.33	92.7	
P4611-04	TP-2	63	1.17	8.37	9.54	9.16	95.5	
P4611-05	TP-2-E2	64	1.12	8.45	9.57	9.33	97.2	
P4611-07	TP-3	65	1.15	8.47	9.62	9.35	96.8	
P4611-08	TP-3-E2	66	1.15	8.59	9.74	9.47	96.9	
P4611-10	TP-4	67	1.19	8.50	9.69	9.22	94.5	
P4611-11	TP-4-E2	68	1.16	8.50	9.66	9.24	95.1	
P4611-13	TP-5	69	1.14	8.58	9.72	9.33	95.5	
P4611-14	TP-5-E2	70	1.19	8.47	9.66	9.31	95.9	
P4611-16	TP-6	71	1.16	8.53	9.69	9.32	95.7	
P4611-17	TP-6-E2	72	1.15	8.63	9.78	9.39	95.5	
P4612-01	W029020-1-1	73	1.00	1.00	2.00	2.00	100.0	pilc
P4612-02	W029020-1-2	74	1.00	1.00	2.00	2.00	100.0	pilc
P4612-03	MOO-24-00335	75	1.15	8.54	9.69	9.38	96.4	
P4612-05	CONCRETE-PAD	76	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4613-01	ARS20-0001	77	1.17	8.71	9.88	8.88	88.5	
P4614-01	NB-07-102924	78	1.17	8.80	9.97	8.43	82.5	
P4614-02	NB-07-102924-E2	79	1.14	8.74	9.88	8.61	85.5	
P4616-01	BP-F10	80	1.18	8.80	9.98	9.22	91.4	
P4616-02	BP-F10-EPH	81	1.17	8.53	9.7	8.71	88.4	
P4616-05	BP-F9-MOVED	82	1.15	8.80	9.95	8.93	88.4	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 10/29/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 10/30/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133188

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P4616-06	BP-F9-MOVED-EPH	83	1.16	8.67	9.83	8.83	88.5	
P4617-01	RO-SOIL	84	1.13	8.65	9.78	9.1	92.1	
P4617-02	RO-SOIL-E2	85	1.18	8.48	9.66	9.13	93.8	
P4617-03	CONCRETE-PILE	86	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4618-01	HR-01-102924	87	1.15	8.46	9.61	9.22	95.4	
P4618-02	HR-01-102924-E2	88	1.15	8.83	9.98	9.62	95.9	
P4618-03	HR-04-102924	89	1.15	8.69	9.84	9.5	96.1	
P4618-04	HR-04-102924-E2	90	1.14	8.61	9.75	9.46	96.6	
P4619-01	SU-03-102924	91	1.15	8.57	9.72	9.05	92.2	
P4619-02	SU-03-102924-E2	92	1.17	8.36	9.53	8.8	91.3	
P4619-03	SU-04-102924	93	1.17	8.70	9.87	8.86	88.4	
P4619-04	SU-04-102924-E2	94	1.13	8.47	9.6	8.67	89.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB133188

WorkList Name : %1-102924 **WorkList ID :** 184886 **Department :** Wet-Chemistry **Date :** 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4599-01	EX-1-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-02	EX-1-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-03	EX-1-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-04	EX-1-TPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-05	EX-1-TPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-06	EX-1-TPH-6	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-07	EX-1-TPH-7	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-08	EX-1-TPH-8	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4599-09	EX-1-TPH-9	Solid	Percent Solids	Cool 4 deg C	ENTA05	K63	10/28/2024	Chemtech -SO
P4601-19	C0PI0	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-20	C0PI2	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-21	C0PI6	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-22	C0PI8	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-23	C0PI9	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-24	CC0P1	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-25	CC0P3	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-26	CC0P5	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-27	CC0P7	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-28	CC0P9	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-29	CC0Q1	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO
P4601-30	CC0Q6	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/22/2024	Chemtech -SO

Date/Time 10/24/24 15:00

Raw Sample Received by: SD WC

Raw Sample Relinquished by: CP

Date/Time 10/24/24 17:10

Raw Sample Received by: CP

Raw Sample Relinquished by: SD WC

WORKLIST(Hardcopy Internal Chain)

VB 133188

WorkList Name : %1-102924 **WorkList ID :** 184886 **Department :** Wet-Chemistry **Date :** 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4601-31	CC0Q8	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-32	CC0R3	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-33	CC0R4	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-34	CC0R5	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-35	CC0R6	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-36	CC0R7	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-37	P4601-36MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4601-38	P4601-36MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K31	10/23/2024	Chemtech -SO
P4602-19	C0P17	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-21	CC0P2	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-22	CC0P4	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-23	CC0P6	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-24	CC0P8	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-25	CC0Q0	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-26	CC0Q2	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-27	CC0Q3	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-28	CC0Q4	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/22/2024	Chemtech -SO
P4602-29	CC0Q5	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-30	CC0Q7	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-31	CC0Q9	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-32	CC0R0	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO

Date/Time 10/29/24 15:00

Raw Sample Received by: BD WC

Raw Sample Relinquished by: CP

Date/Time 10/29/24 17:10

Raw Sample Received by: CP

Raw Sample Relinquished by: BD WC

WORKLIST(Hardcopy Internal Chain)

JB 133188

WorkList Name : %1-102924 **WorkList ID :** 184886 **Department :** Wet-Chemistry **Date :** 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4602-33	CC0R1	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-34	CC0R2	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-37	CC0P0	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-38	P4602-38MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-39	P4602-38MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-40	CC0R6	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-41	P4602-40MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-42	P4602-40MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-43	CC0R8	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-44	P4602-43MS	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4602-45	P4602-43MSD	Solid	Percent Solids	Cool 4 deg C	TETR16	K61	10/23/2024	Chemtech -SO
P4605-01	TAPIAL2-SED02-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-02	TAPIAL2-SED01-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-03	TAPIAL3-SED01-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-04	TAPHHA-SED01-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-05	TAPHHA-SED02-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4605-06	TAPLPR-SED11-102824-00-T2	Solid	Percent Solids	Cool 4 deg C	WEST04	K63	10/28/2024	Chemtech -SO
P4606-01	1	Solid	Percent Solids	Cool 4 deg C	ATCE02	K63	10/26/2024	Chemtech -SO
P4611-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-02	TP-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO

Date/Time 10/29/24 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 10/29/24 17:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WS 133188

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-102924 **WorkList ID :** 184886 **Department :** Wet-Chemistry **Date :** 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4611-05	TP-2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-07	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-08	TP-3-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-10	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-11	TP-4-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-13	TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-14	TP-5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-16	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4611-17	TP-6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-01	W029020-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-02	W029020-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-03	MOO-24-00335	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4612-05	CONCRETE-PAD	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4613-01	ARS20-0001	Solid	Percent Solids	Cool 4 deg C	PSEG03	K62	10/29/2024	Chemtech -SO
P4614-01	NB-07-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4614-02	NB-07-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4616-01	BP-F10	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4616-02	BP-F10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4616-05	BP-F9-MOVED	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4616-06	BP-F9-MOVED-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4617-01	RO-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO

Date/Time 10/29/24 1510

Raw Sample Received by: WC

Raw Sample Relinquished by:

Date/Time 10/29/24 1710

Raw Sample Received by:

Raw Sample Relinquished by: WC

WORKLIST(Hardcopy Internal Chain)

VB 133188

WorkList Name : %1-102924 **WorkList ID :** 184886 **Department :** Wet-Chemistry **Date :** 10-29-2024 08:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4617-02	RO-SOIL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4617-03	CONCRETE-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/29/2024	Chemtech -SO
P4618-01	HR-01-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4618-02	HR-01-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4618-03	HR-04-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4618-04	HR-04-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K61	10/29/2024	Chemtech -SO
P4619-01	SU-03-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4619-02	SU-03-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4619-03	SU-04-102924	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO
P4619-04	SU-04-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K63	10/29/2024	Chemtech -SO

Date/Time 10/24/24 1510

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/24/24 1710

Raw Sample Received by:

Raw Sample Relinquished by:

SHIPPING DOCUMENTS

P4599

ENTACT

CHAIN OF CUSTODY RECORD

NO. 1 OF 1

COMPANY INFORMATION		PROJECT INFORMATION	
LOCATION	ENTACT LLC	PROJECT	North Point
ATTN	Wyatt Seel	BILLING INFORMATION	
ADDRESS	150 Bay Street, Suite 801	BILL TO	ENTACT LLC
	Jersey City, NJ	ADDRESS	999 Oakmont Plaza Drive Suite 300
			Westmont, IL 60559
PHONE	419-266-4671	PHONE	630-986-2900
FAX		FAX	PO# E9306

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	REQUESTED ANALYSIS/METHOD: TPH DRO & GRO (8015)	COMMENTS
EX-1-TPH-1	TPH	10/28	12:15	Soil	G	Teracore / 8oz	2	X	
EX-1-TPH-2	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-3	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-4	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-5	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-6	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-7	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-8	TPH	10/28	12:15	Soil	G		2	X	
EX-1-TPH-9	TPH	10/28	12:15	Soil	G		2	X	

SAMPLER	W. Seel	SHIPMENT	courier	AIRBILL	

REQUIRED TURNAROUND ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: Temp 3.0°c

1. RELINQUISHED BY	DATE	2. RELINQUISHED BY	DATE	3. RELINQUISHED BY	DATE
SIGNATURE:		SIGNATURE:	10.28.2024	SIGNATURE:	
PRINTED NAME/COMPANY: Wyatt Seel / ENTACT	10/28	PRINTED NAME/COMPANY: Lawrence Carter Chemtech	1710	PRINTED NAME/COMPANY:	
1. RECEIVED BY	DATE	2. RECEIVED BY	DATE	3. RECEIVED BY	DATE
SIGNATURE:	10-28-24	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Lawrence Carter	1530	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:	

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4599 ENTA05
Client Name : ENTACT
Client Contact : Wyatt Seel
Invoice Name : ENTACT
Invoice Contact : Wyatt Seel

Order Date : 10/28/2024 3:59:00 PM
Project Name : North Point
Receive DateTime : 10/28/2024 ~~12:00:00~~ 17:10 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4599-01	EX-1-TPH-1	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-02	EX-1-TPH-2	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-03	EX-1-TPH-3	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-04	EX-1-TPH-4	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-05	EX-1-TPH-5	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-06	EX-1-TPH-6	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-07	EX-1-TPH-7	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-08	EX-1-TPH-8	Solid	10/28/2024	12:15					

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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LOGIN REPORT/SAMPLE TRANSFER

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Client Name : ENTACT
Client Contact : Wyatt Seel
Invoice Name : ENTACT
Invoice Contact : Wyatt Seel

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Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-09	EX-1-TPH-9	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	

Received on 10/28/29 @ 1530
Placed in SM-REF

Relinguished By :
Date / Time : 10/29/24 0840

Received By :
Date / Time : 10/29/24 0840
Storage Area : VOA Refridgerator Room