

Cover Page

Order ID : P4103

Project ID : North Point

Client : ENTACT

Lab Sample Number

P4103-01
P4103-02
P4103-03
P4103-04
P4103-05
P4103-06
P4103-07
P4103-08
P4103-09
P4103-10
P4103-11
P4103-12
P4103-13
P4103-14
P4103-15
P4103-16
P4103-17
P4103-18

Client Sample Number

WC-22A
WC-22A
WC-22A
WC-14-5-7.5A
WC-14-5-7.5A
WC-14-5-7.5A
WC-14-5-7.5B
WC-14-5-7.5B
WC-14-5-7.5B
WC-14-7.5-10A
WC-14-7.5-10A
WC-14-7.5-10A
WC-14-7.5-10B
WC-14-7.5-10B
WC-14-7.5-10B
WC-23
WC-23
WC-23

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 9/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4103

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 09/28/2024

LAB CHRONICLE

OrderID:	P4103	OrderDate:	9/18/2024 3:16:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Chris Lawrence	Location:	J11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4103-01	WC-22A	SOIL			09/17/24			09/18/24
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/19/24	
			PCB	8082A		09/19/24	09/19/24	
P4103-04	WC-14-5-7.5A	SOIL			09/17/24			09/18/24
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/19/24	
			PCB	8082A		09/19/24	09/19/24	
P4103-07	WC-14-5-7.5B	SOIL			09/17/24			09/18/24
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/20/24	
			PCB	8082A		09/19/24	09/19/24	
P4103-10	WC-14-7.5-10A	SOIL			09/17/24			09/18/24
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Gasoline Range Organics	8015D			09/20/24	
			PCB	8082A		09/19/24	09/19/24	
P4103-13	WC-14-7.5-10B	SOIL			09/17/24			09/18/24
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Diesel Range Organics	8015D		09/19/24	09/20/24	
			Gasoline Range Organics	8015D			09/20/24	
			PCB	8082A		09/19/24	09/19/24	
P4103-16	WC-23	SOIL			09/17/24			09/18/24
			Diesel Range Organics	8015D		09/19/24	09/19/24	
			Diesel Range Organics	8015D		09/19/24	09/20/24	
			Gasoline Range Organics	8015D			09/20/24	
			PCB	8082A		09/19/24	09/19/24	



QC SUMMARY

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: ENTACT
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF0919S1	90				0
VBF0919S2	91				0
BSF0919S1	101				0
WC-22A	76				0
WC-14-5-7.5A	72				0
WC-14-7.5-10A	110				0
WC-14-7.5-10B	103				0
WC-23	92				0
WC-23MS	122				0
WC-23MSD	127				0
WC-14-5-7.5B	112				0

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

SOIL GASOLINE RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4103 **SAS No :** P4103 **SDG No:** P4103
Client SampleID : WC-23MS **Datafile:** FB030950.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
GRO	10444	2630	26488	228%	*	50-150

SOIL GASOLINE RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4103 **SAS No :** P4103 **SDG No:** P4103
Client SampleID : WC-23MSD **Datafile:** FB030951.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
GRO	10423	2630	41019	368%	*	50-150

MS/MSD % Recovery RPD : 46.9

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4103 **SAS No :** P4103 **SDG No:** P4103
Matrix Spike - EPA Sample No : BSF0919S1 **Datafile:** FB030928.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	174	97	50-150

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0919S1

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4103

SAS No.: P4103 SDG NO.: P4103

Lab File ID: FB030926.D

Lab Sample ID: VBF0919S1

Date Analyzed: 09/19/24

Time Analyzed: 9:47

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
BSF0919S1	BSF0919S1	FB030928.D	09/19/24
WC-22A	P4103-01	FB030931.D	09/19/24

COMMENTS: _____

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0919S2

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4103

SAS No.: P4103 SDG NO.: P4103

Lab File ID: FB030927.D

Lab Sample ID: VBF0919S2

Date Analyzed: 09/19/24

Time Analyzed: 10:26

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
WC-14-5-7.5A	P4103-04	FB030943.D	09/19/24
WC-14-7.5-10A	P4103-10	FB030947.D	09/20/24
WC-14-7.5-10B	P4103-13	FB030948.D	09/20/24
WC-23	P4103-16	FB030949.D	09/20/24
WC-23MS	P4103-16MS	FB030950.D	09/20/24
WC-23MSD	P4103-16MSD	FB030951.D	09/20/24
WC-14-5-7.5B	P4103-07	FB030954.D	09/20/24

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-22A	SDG No.:	P4103
Lab Sample ID:	P4103-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	92.7
Sample Wt/Vol:	5.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030931.D	1	09/19/24 13:39	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	722		8.00	48.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.2		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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030931.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 13:39
Operator : YP/AJ
Sample : P4103-01
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-22A

Integration File: Calibration.e
Quant Time: Sep 20 01:54:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	184336	15.236 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

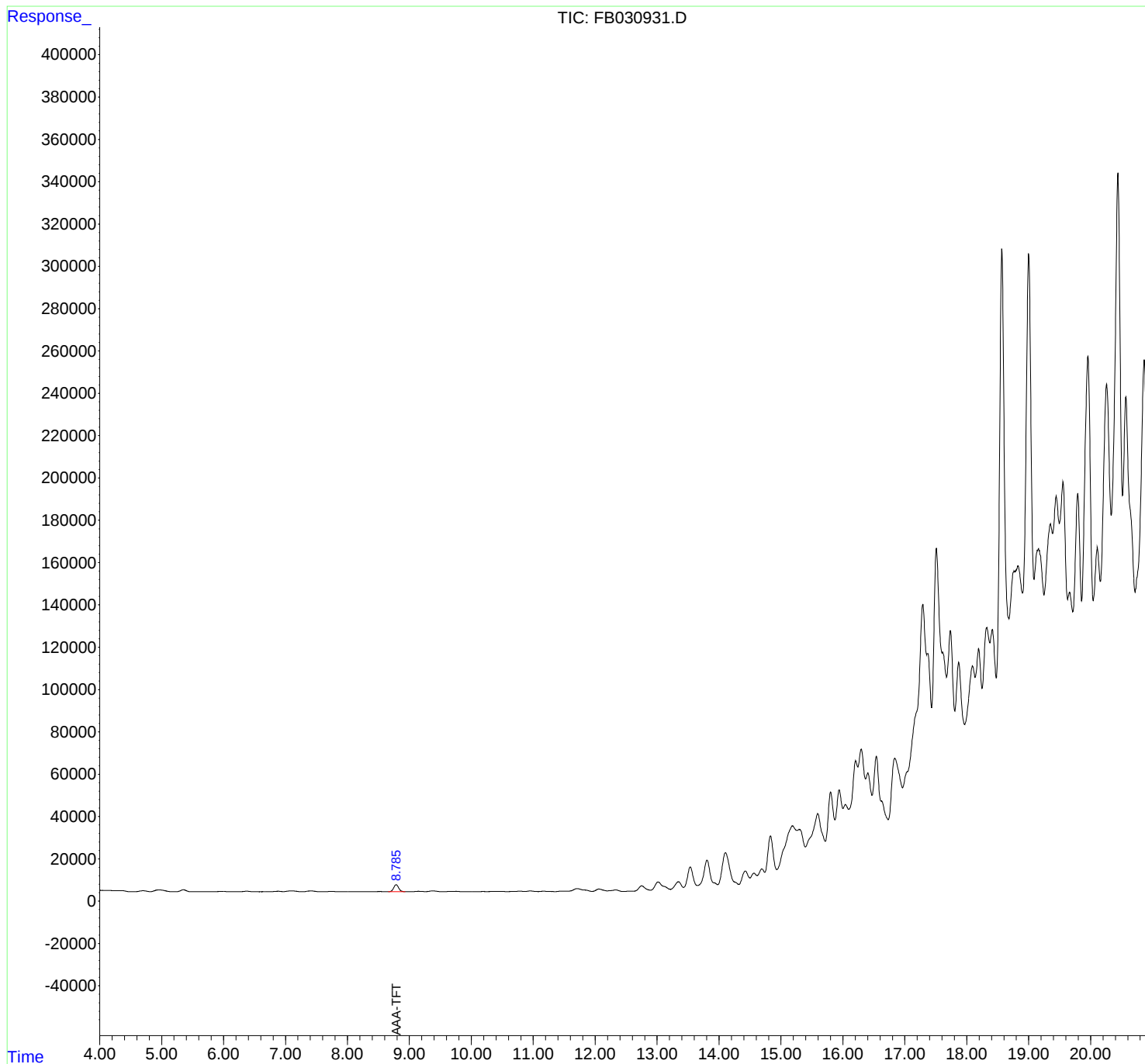
(m)=manual int.

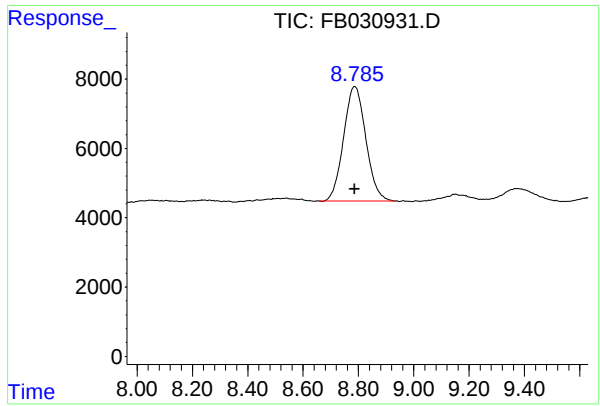
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030931.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 13:39
Operator : YP/AJ
Sample : P4103-01
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-22A

Integration File: Calibration.e
Quant Time: Sep 20 01:54:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.787 min
Delta R.T.: 0.000 min
Response: 184336
Conc: 15.24 ng/ml

Instrument :
FID_B
ClientSampleId :
WC-22A

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030931.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 13:39
Sample : P4103-01
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.382	4.303	4.469	BV	264	11215	0.58%	0.083%
2	4.475	4.469	4.498	PV	23	75	0.00%	0.001%
3	4.512	4.498	4.526	PV	18	138	0.01%	0.001%
4	4.696	4.526	4.824	PV	505	40432	2.11%	0.299%
5	5.523	5.514	5.529	VV	19	110	0.01%	0.001%
6	5.543	5.529	5.553	VV	27	259	0.01%	0.002%
7	5.564	5.553	5.580	VV	25	318	0.02%	0.002%
8	5.597	5.580	5.607	VV	53	512	0.03%	0.004%
9	5.629	5.607	5.648	VV	30	633	0.03%	0.005%
10	5.664	5.648	5.675	VV	48	554	0.03%	0.004%
11	5.690	5.675	5.719	VV	49	988	0.05%	0.007%
12	5.726	5.719	5.735	VV	47	383	0.02%	0.003%
13	5.743	5.735	5.757	VV	44	471	0.02%	0.003%
14	5.768	5.757	5.776	VV	43	387	0.02%	0.003%
15	5.785	5.776	5.806	VV	39	659	0.03%	0.005%
16	5.854	5.806	5.863	VV	84	1791	0.09%	0.013%
17	5.870	5.863	5.878	VV	83	675	0.04%	0.005%
18	5.927	5.878	5.935	VV	163	3911	0.20%	0.029%
19	5.976	5.935	6.113	VV	178	13145	0.69%	0.097%
20	6.119	6.113	6.138	VV	55	701	0.04%	0.005%
21	6.146	6.138	6.163	VV	36	505	0.03%	0.004%
22	6.193	6.163	6.231	VV	42	1280	0.07%	0.009%
23	6.377	6.231	6.491	VV	290	22380	1.17%	0.166%
24	6.501	6.491	6.512	VV	34	304	0.02%	0.002%
25	6.518	6.512	6.535	VV	17	176	0.01%	0.001%
26	6.558	6.535	6.576	VV	34	490	0.03%	0.004%
27	6.595	6.576	6.603	PV	35	327	0.02%	0.002%
28	6.611	6.603	6.624	VV	29	266	0.01%	0.002%
29	6.641	6.624	6.653	VV	33	327	0.02%	0.002%
30	6.780	6.653	6.794	VV	121	6122	0.32%	0.045%
31	6.892	6.876	6.977	VV	252	10953	0.57%	0.081%
32	7.103	6.977	7.252	VV	425	43384	2.26%	0.321%
33	7.261	7.252	7.270	VV	54	512	0.03%	0.004%
34	7.277	7.270	7.287	VV	65	515	0.03%	0.004%
35	7.407	7.287	7.568	VV	417	37584	1.96%	0.278%
36	7.639	7.568	7.650	VV	107	3768	0.20%	0.028%

					rteres			
37	7.751	7.650	7.915	VV	191	17240	0.90%	0.128%
38	7.922	7.915	7.969	VV	37	659	0.03%	0.005%
39	8.019	7.969	8.027	VV	64	1238	0.06%	0.009%
40	8.054	8.027	8.096	VV	75	2630	0.14%	0.019%
41	8.107	8.096	8.136	VV	70	1280	0.07%	0.009%
42	8.144	8.136	8.172	VV	53	850	0.04%	0.006%
43	8.236	8.172	8.254	VV	79	2961	0.15%	0.022%
44	8.263	8.254	8.306	VV	76	1740	0.09%	0.013%
45	8.314	8.306	8.322	VV	49	364	0.02%	0.003%
46	8.333	8.322	8.358	VV	42	633	0.03%	0.005%
47	8.407	8.358	8.417	VV	59	1470	0.08%	0.011%
48	8.433	8.417	8.446	VV	81	1160	0.06%	0.009%
49	8.476	8.446	8.484	VV	104	2064	0.11%	0.015%
50	8.541	8.484	8.583	VV	125	6483	0.34%	0.048%
51	8.595	8.583	8.643	VV	97	2296	0.12%	0.017%
52	8.654	8.643	8.669	VV	49	679	0.04%	0.005%
53	8.787	8.669	8.949	VV	3349	191339	9.97%	1.415%
54	8.963	8.949	8.996	VV	47	934	0.05%	0.007%
55	9.009	8.996	9.022	VV	43	548	0.03%	0.004%
56	9.152	9.022	9.258	VV	240	18287	0.95%	0.135%
57	9.368	9.258	9.553	VV	393	34230	1.78%	0.253%
58	9.755	9.553	9.881	VV	220	23549	1.23%	0.174%
59	9.894	9.881	9.905	VV	62	692	0.04%	0.005%
60	9.939	9.905	9.992	VV	66	2830	0.15%	0.021%
61	9.997	9.992	10.013	VV	44	370	0.02%	0.003%
62	10.033	10.013	10.068	VV	38	501	0.03%	0.004%
63	10.081	10.068	10.109	PV	26	369	0.02%	0.003%
64	10.187	10.109	10.199	VV	113	4016	0.21%	0.030%
65	10.207	10.199	10.263	VV	110	2993	0.16%	0.022%
66	10.308	10.263	10.338	VV	117	4092	0.21%	0.030%
67	10.365	10.338	10.374	VV	133	2323	0.12%	0.017%
68	10.433	10.374	10.442	VV	140	5058	0.26%	0.037%
69	10.455	10.442	10.462	VV	138	1623	0.08%	0.012%
70	10.474	10.462	10.576	VV	141	6678	0.35%	0.049%
71	10.794	10.576	10.863	VV	261	23199	1.21%	0.172%
72	10.958	10.863	11.089	VV	301	23113	1.20%	0.171%
73	11.164	11.089	11.304	VV	197	14658	0.76%	0.108%
74	11.313	11.304	11.355	VV	59	1190	0.06%	0.009%
75	11.456	11.355	11.522	VV	235	15443	0.80%	0.114%
76	11.535	11.522	11.542	VV	163	1892	0.10%	0.014%
77	11.714	11.542	11.827	VV	1402	138879	7.24%	1.027%
78	11.834	11.827	11.954	VV	731	32237	1.68%	0.238%
79	12.062	11.954	12.192	VV	1184	96834	5.05%	0.716%
80	12.334	12.192	12.461	VV	762	66749	3.48%	0.494%
81	12.552	12.461	12.616	PV	98	4703	0.25%	0.035%
82	12.752	12.616	12.896	PV	2348	161516	8.42%	1.195%
83	13.015	12.896	13.215	VV	3807	320349	16.70%	2.369%
84	13.345	13.215	13.427	PV	3319	211925	11.05%	1.567%
85	13.535	13.427	13.652	VV	9907	613281	31.96%	4.536%
86	13.807	13.652	13.979	VV	12607	917072	47.80%	6.783%
87	14.105	13.979	14.320	VV	15507	1271890	66.29%	9.407%
88	14.424	14.320	14.498	PV	5198	299290	15.60%	2.214%
89	14.564	14.498	14.615	VV	2558	125628	6.55%	0.929%

					rteres			
90	14.692	14.615	14.738	VV	3195	147038	7.66%	1.088%
91	14.831	14.738	14.933	VV	17067	936584	48.81%	6.927%
92	15.188	14.933	15.257	PV	16392	1918639	100.00%	14.191%
93	15.299	15.257	15.395	VV	12716	794649	41.42%	5.877%
94	15.595	15.395	15.716	VV	15198	1430446	74.56%	10.580%
95	15.803	15.716	15.872	PV	19843	951002	49.57%	7.034%
96	15.941	15.872	16.002	VV	15249	733668	38.24%	5.426%
97	16.042	16.002	16.092	VV	4273	162192	8.45%	1.200%
98	16.207	16.092	16.242	PV	16961	699913	36.48%	5.177%
99	16.297	16.242	16.367	VV	17778	855830	44.61%	6.330%
Sum of corrected areas:					13520242			

FB082724.M Fri Sep 20 06:23:49 2024

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5A	SDG No.:	P4103
Lab Sample ID:	P4103-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.8
Sample Wt/Vol:	5.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		Test:	Gasoline Range Organics
Prep Method :		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030943.D	50	09/19/24 22:42	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	3020		421	2450	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	14.5		50 - 150	72%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030943.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 22:42
Operator : YP/AJ
Sample : P4103-04 50X
Misc : 5.11G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-5-7.5A

Integration File: Calibration.e
Quant Time: Sep 20 01:56:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	174917	14.457 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

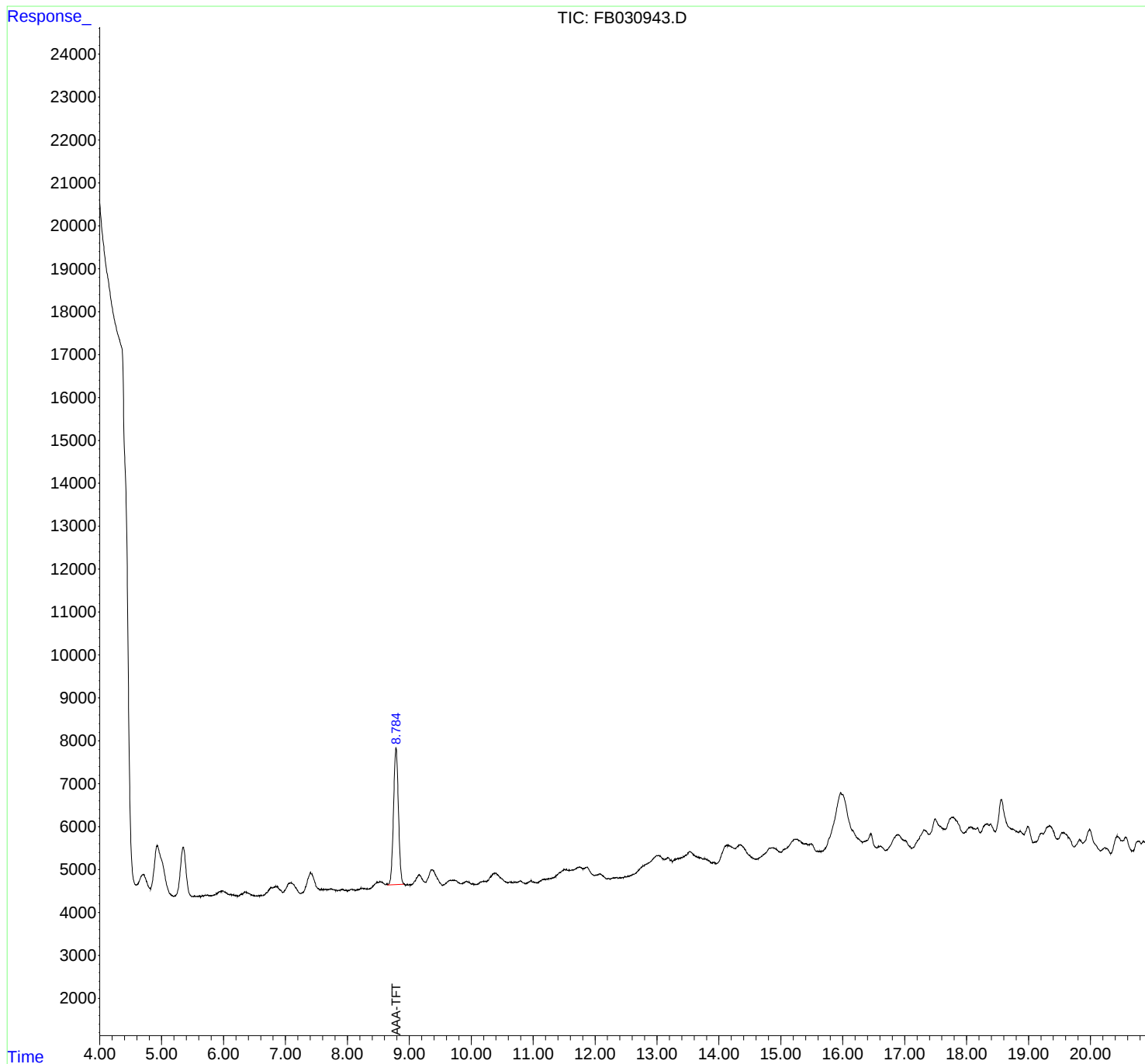
(m)=manual int.

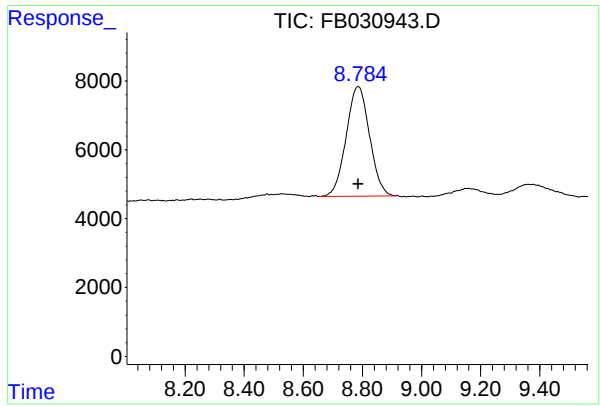
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030943.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 22:42
Operator : YP/AJ
Sample : P4103-04 50X
Misc : 5.11G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-5-7.5A

Integration File: Calibration.e
Quant Time: Sep 20 01:56:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.786 min
Delta R.T.: 0.000 min
Response: 174917
Conc: 14.46 ng/ml

Instrument :
FID_B
ClientSampleId :
WC-14-5-7.5A

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030943.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 22:42
Sample : P4103-04 50X
Misc : 5.11G/5.00 ML ME0H
ALS Vial : 21 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.703	4.554	4.713	BV	263	7624	3.88%	0.598%
2	4.718	4.713	4.824	VV	265	7149	3.64%	0.561%
3	5.509	5.490	5.520	PV	14	148	0.08%	0.012%
4	5.532	5.520	5.553	VV	31	252	0.13%	0.020%
5	5.587	5.553	5.600	VV	17	234	0.12%	0.018%
6	5.616	5.600	5.634	PV	31	269	0.14%	0.021%
7	5.668	5.634	5.677	VV	31	399	0.20%	0.031%
8	5.696	5.677	5.719	VV	34	698	0.36%	0.055%
9	5.746	5.719	5.762	VV	47	858	0.44%	0.067%
10	5.780	5.762	5.789	VV	28	367	0.19%	0.029%
11	5.959	5.789	5.969	VV	129	7165	3.65%	0.562%
12	5.990	5.969	6.098	VV	139	7109	3.62%	0.557%
13	6.117	6.098	6.160	VV	57	1547	0.79%	0.121%
14	6.162	6.160	6.172	VV	38	223	0.11%	0.018%
15	6.184	6.172	6.197	VV	32	329	0.17%	0.026%
16	6.210	6.197	6.219	VV	30	270	0.14%	0.021%
17	6.288	6.219	6.296	VV	56	1285	0.65%	0.101%
18	6.347	6.296	6.382	VV	110	4349	2.21%	0.341%
19	6.390	6.382	6.477	VV	83	3011	1.53%	0.236%
20	6.487	6.477	6.514	VV	26	293	0.15%	0.023%
21	6.537	6.514	6.549	VV	21	207	0.11%	0.016%
22	6.568	6.549	6.583	PV	23	216	0.11%	0.017%
23	6.596	6.583	6.625	VV	23	437	0.22%	0.034%
24	6.775	6.625	6.795	VV	194	9920	5.05%	0.778%
25	6.824	6.795	6.856	VV	209	7092	3.61%	0.556%
26	6.864	6.856	6.953	VV	214	8384	4.27%	0.657%
27	7.404	7.241	7.571	VV	506	43963	22.39%	3.447%
28	7.581	7.571	7.590	VV	109	1045	0.53%	0.082%
29	7.605	7.590	7.635	VV	92	2366	1.21%	0.186%
30	7.654	7.635	7.679	VV	95	2171	1.11%	0.170%
31	7.721	7.679	7.729	VV	94	2539	1.29%	0.199%
32	7.738	7.729	7.756	VV	94	1403	0.71%	0.110%
33	7.763	7.756	7.810	VV	82	2305	1.17%	0.181%
34	7.818	7.810	7.837	VV	68	834	0.42%	0.065%
35	7.848	7.837	7.856	VV	55	551	0.28%	0.043%
36	7.866	7.856	7.888	VV	53	966	0.49%	0.076%

					rteres			
37	7.914	7.888	7.975	VV	69	2924	1.49%	0.229%
38	7.989	7.975	7.998	VV	53	549	0.28%	0.043%
39	8.003	7.998	8.008	VV	37	196	0.10%	0.015%
40	8.052	8.008	8.064	VV	59	1482	0.76%	0.116%
41	8.076	8.064	8.091	VV	65	886	0.45%	0.069%
42	8.109	8.091	8.139	VV	53	1205	0.61%	0.095%
43	8.173	8.139	8.184	VV	59	1199	0.61%	0.094%
44	8.193	8.184	8.197	VV	54	376	0.19%	0.029%
45	8.223	8.197	8.232	VV	77	1340	0.68%	0.105%
46	8.252	8.232	8.267	VV	79	1386	0.71%	0.109%
47	8.282	8.267	8.309	VV	71	1482	0.75%	0.116%
48	8.319	8.309	8.339	VV	66	916	0.47%	0.072%
49	8.356	8.339	8.364	VV	58	782	0.40%	0.061%
50	8.479	8.364	8.487	VV	213	9234	4.70%	0.724%
51	8.494	8.487	8.503	VV	195	1854	0.94%	0.145%
52	8.513	8.503	8.518	VV	200	1697	0.86%	0.133%
53	8.529	8.518	8.620	VV	216	10746	5.47%	0.843%
54	8.632	8.620	8.654	VV	149	2792	1.42%	0.219%
55	8.786	8.654	8.949	VV	3308	196334	100.00%	15.394%
56	8.971	8.949	8.988	VV	113	2408	1.23%	0.189%
57	9.003	8.988	9.026	VV	113	2249	1.15%	0.176%
58	9.161	9.026	9.259	VV	329	29377	14.96%	2.303%
59	9.363	9.259	9.534	VV	430	42267	21.53%	3.314%
60	9.725	9.534	9.831	VV	167	21653	11.03%	1.698%
61	9.925	9.831	9.954	VV	122	6913	3.52%	0.542%
62	9.967	9.954	9.999	VV	105	2168	1.10%	0.170%
63	10.005	9.999	10.015	VV	59	534	0.27%	0.042%
64	10.031	10.015	10.045	VV	66	970	0.49%	0.076%
65	10.051	10.045	10.059	VV	50	337	0.17%	0.026%
66	10.067	10.059	10.083	VV	43	549	0.28%	0.043%
67	10.230	10.083	10.243	VV	108	7568	3.85%	0.593%
68	10.373	10.243	10.563	VV	291	34503	17.57%	2.705%
69	10.572	10.563	10.588	VV	61	744	0.38%	0.058%
70	10.624	10.588	10.676	VV	59	2485	1.27%	0.195%
71	10.695	10.676	10.705	VV	50	785	0.40%	0.062%
72	10.714	10.705	10.726	VV	60	638	0.33%	0.050%
73	10.736	10.726	10.747	VV	46	515	0.26%	0.040%
74	10.798	10.747	10.890	VV	71	3221	1.64%	0.253%
75	10.972	10.890	10.997	PV	65	2265	1.15%	0.178%
76	11.004	10.997	11.016	VV	42	332	0.17%	0.026%
77	11.026	11.016	11.045	VV	27	285	0.15%	0.022%
78	11.050	11.045	11.061	VV	16	105	0.05%	0.008%
79	11.186	11.061	11.206	PV	90	4491	2.29%	0.352%
80	11.220	11.206	11.229	VV	88	1088	0.55%	0.085%
81	11.240	11.229	11.247	VV	94	938	0.48%	0.074%
82	11.257	11.247	11.271	VV	98	1298	0.66%	0.102%
83	11.313	11.271	11.323	VV	110	2873	1.46%	0.225%
84	11.503	11.323	11.529	VV	293	25047	12.76%	1.964%
85	11.539	11.529	11.565	VV	292	5820	2.96%	0.456%
86	11.573	11.565	11.611	VV	264	7033	3.58%	0.551%
87	11.626	11.611	11.648	VV	274	5818	2.96%	0.456%
88	11.749	11.648	11.804	VV	324	27768	14.14%	2.177%
89	11.814	11.804	11.826	VV	286	3707	1.89%	0.291%

					rteres			
90	11.870	11.826	11.983	VV	314	21276	10.84%	1.668%
91	11.988	11.983	11.998	VV	111	997	0.51%	0.078%
92	12.074	11.998	12.183	VV	139	10795	5.50%	0.846%
93	12.195	12.183	12.205	VV	19	188	0.10%	0.015%
94	12.216	12.205	12.250	VV	23	341	0.17%	0.027%
95	12.354	12.250	12.384	PV	30	1487	0.76%	0.117%
96	12.395	12.384	12.426	VV	21	242	0.12%	0.019%
97	12.442	12.426	12.456	PV	16	156	0.08%	0.012%
98	12.484	12.456	12.493	VV	25	347	0.18%	0.027%
99	12.509	12.493	12.516	VV	18	194	0.10%	0.015%
100	12.996	12.516	13.008	VV	422	56328	28.69%	4.416%
101	13.027	13.008	13.090	VV	416	19226	9.79%	1.507%
102	13.099	13.090	13.121	VV	333	5735	2.92%	0.450%
103	13.180	13.121	13.216	VV	338	17711	9.02%	1.389%
104	13.227	13.216	13.249	VV	268	5066	2.58%	0.397%
105	13.285	13.249	13.294	VV	266	6839	3.48%	0.536%
106	13.302	13.294	13.310	VV	282	2555	1.30%	0.200%
107	13.337	13.310	13.360	VV	296	8294	4.22%	0.650%
108	13.393	13.360	13.409	VV	306	8615	4.39%	0.675%
109	13.527	13.409	13.633	VV	412	45904	23.38%	3.599%
110	13.644	13.633	13.667	VV	275	5161	2.63%	0.405%
111	13.672	13.667	13.689	VV	253	3240	1.65%	0.254%
112	13.700	13.689	13.750	VV	240	7936	4.04%	0.622%
113	13.762	13.750	13.769	VV	205	2187	1.11%	0.171%
114	13.779	13.769	13.808	VV	199	4251	2.17%	0.333%
115	13.812	13.808	13.867	VV	174	4724	2.41%	0.370%
116	13.876	13.867	13.886	VV	94	942	0.48%	0.074%
117	13.898	13.886	13.912	VV	85	1184	0.60%	0.093%
118	13.921	13.912	13.954	VV	81	1684	0.86%	0.132%
119	14.145	13.954	14.182	VV	447	38084	19.40%	2.986%
120	14.190	14.182	14.206	VV	409	5697	2.90%	0.447%
121	14.215	14.206	14.254	VV	387	10442	5.32%	0.819%
122	14.351	14.254	14.583	VV	414	49990	25.46%	3.920%
123	14.590	14.583	14.607	VV	34	378	0.19%	0.030%
124	14.816	14.607	14.824	VV	246	14492	7.38%	1.136%
125	14.879	14.824	14.969	VV	247	18269	9.31%	1.432%
126	14.978	14.969	14.998	VV	130	2122	1.08%	0.166%
127	15.042	14.998	15.052	VV	171	4368	2.22%	0.342%
128	15.233	15.052	15.253	VV	375	32728	16.67%	2.566%
129	15.265	15.253	15.293	VV	365	8417	4.29%	0.660%
130	15.307	15.293	15.373	VV	322	13418	6.83%	1.052%
131	15.403	15.373	15.428	VV	233	7608	3.88%	0.597%
132	15.436	15.428	15.445	VV	208	2051	1.04%	0.161%
133	15.492	15.445	15.572	VV	219	11692	5.96%	0.917%
134	15.581	15.572	15.612	VV	28	430	0.22%	0.034%
135	15.621	15.612	15.634	VV	13	113	0.06%	0.009%
136	15.646	15.634	15.654	PV	17	101	0.05%	0.008%
137	15.968	15.654	15.997	VV	1277	110299	56.18%	8.648%
138	16.004	15.997	16.325	VV	1218	86991	44.31%	6.821%
Sum of corrected areas:						1275410		

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-5-7.5B	SDG No.:	P4103
Lab Sample ID:	P4103-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	90.1
Sample Wt/Vol:	4.99	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		PH :	
Prep Method :		Decanted:	
		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030954.D	5000	09/20/24 10:03	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	1950000		42900	250000	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	22.5		50 - 150	112%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030954.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 10:03
Operator : YP/AJ
Sample : P4103-07 5000X
Misc : 4.99G/5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-5-7.5B

Integration File: Calibration.e
Quant Time: Sep 21 01:28:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	271712	22.457 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

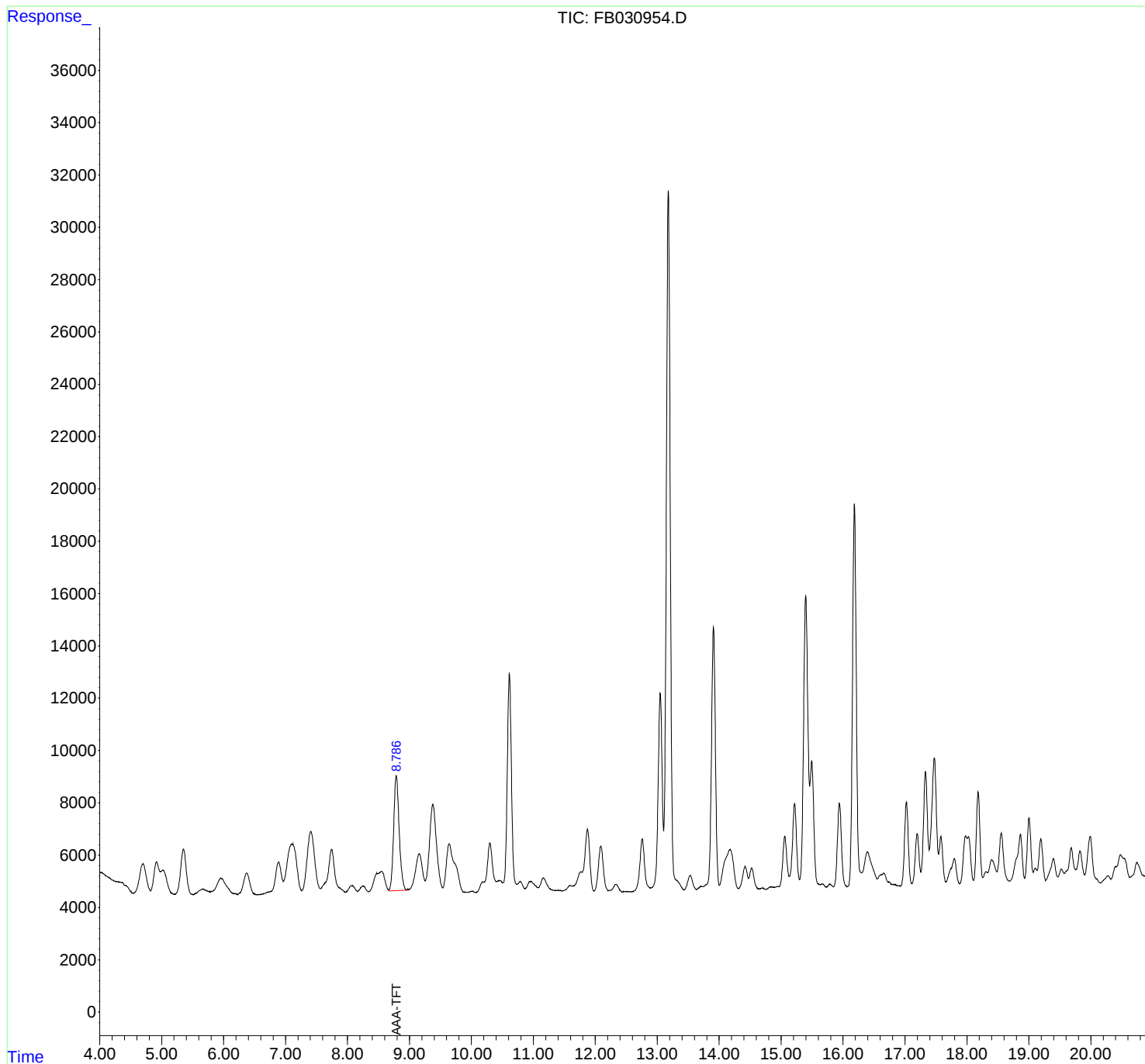
(m)=manual int.

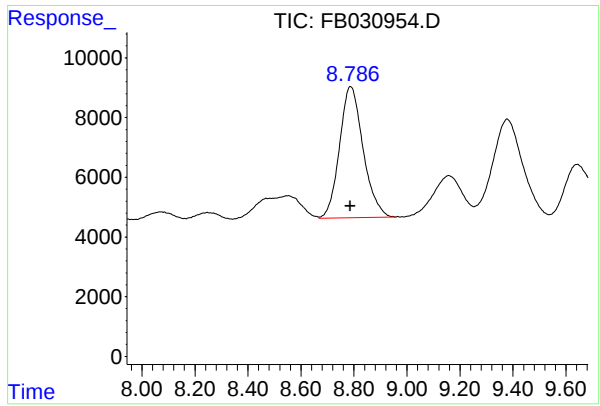
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030954.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 10:03
Operator : YP/AJ
Sample : P4103-07 5000X
Misc : 4.99G/5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-5-7.5B

Integration File: Calibration.e
Quant Time: Sep 21 01:28:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.787 min
Delta R.T.: 0.000 min
Response: 271712
Conc: 22.46 ng/ml

Instrument :
FID_B
ClientSampleId :
WC-14-5-7.5B

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030954.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 10:03
Sample : P4103-07 5000X
Misc : 4.99G/5.00 ML ME0H
ALS Vial : 1 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.351	4.303	4.521	BV	86	8572	0.71%	0.118%
2	4.530	4.521	4.548	PV	11	77	0.01%	0.001%
3	4.700	4.548	4.821	PV	1140	87403	7.25%	1.208%
4	5.019	4.981	5.203	VV	916	61135	5.07%	0.845%
5	5.658	5.514	5.785	PV	221	22204	1.84%	0.307%
6	5.804	5.785	5.812	VV	144	2086	0.17%	0.029%
7	5.955	5.812	6.160	VV	641	70208	5.82%	0.970%
8	6.168	6.160	6.210	VV	51	1289	0.11%	0.018%
9	6.222	6.210	6.230	VV	37	326	0.03%	0.005%
10	6.371	6.230	6.528	VV	832	59071	4.90%	0.816%
11	6.594	6.528	6.602	PV	23	367	0.03%	0.005%
12	6.654	6.602	6.665	VV	64	1271	0.11%	0.018%
13	6.748	6.665	6.755	VV	117	4846	0.40%	0.067%
14	6.767	6.755	6.775	VV	138	1548	0.13%	0.021%
15	7.109	6.967	7.263	VV	1936	210139	17.42%	2.904%
16	7.409	7.263	7.561	VV	2410	210298	17.44%	2.907%
17	7.744	7.561	7.977	VV	1725	146852	12.18%	2.030%
18	8.072	7.977	8.167	VV	331	24628	2.04%	0.340%
19	8.247	8.167	8.345	VV	315	21669	1.80%	0.300%
20	8.484	8.345	8.491	VV	783	38776	3.21%	0.536%
21	8.554	8.491	8.669	VV	866	64380	5.34%	0.890%
22	8.787	8.669	8.958	VV	4522	293559	24.34%	4.057%
23	8.966	8.958	8.990	VV	159	2911	0.24%	0.040%
24	9.159	8.990	9.253	VV	1527	128390	10.64%	1.775%
25	9.378	9.253	9.538	VV	3421	281923	23.37%	3.897%
26	9.642	9.538	9.903	VV	1895	191876	15.91%	2.652%
27	9.918	9.903	9.944	VV	46	1024	0.08%	0.014%
28	10.002	9.944	10.073	VV	73	4093	0.34%	0.057%
29	10.183	10.073	10.204	VV	428	18708	1.55%	0.259%
30	10.300	10.204	10.413	VV	1922	123386	10.23%	1.705%
31	10.465	10.413	10.509	VV	480	26006	2.16%	0.359%
32	10.614	10.509	10.733	VV	8380	407880	33.82%	5.638%
33	10.790	10.733	10.868	VV	440	26585	2.20%	0.367%
34	10.943	10.868	11.077	VV	437	39316	3.26%	0.543%
35	11.163	11.077	11.342	VV	567	45724	3.79%	0.632%
36	11.353	11.342	11.368	VV	97	1302	0.11%	0.018%

					rteres			
37	11.395	11.368	11.466	VV	95	4770	0.40%	0.066%
38	11.601	11.466	11.643	VV	266	18426	1.53%	0.255%
39	11.768	11.643	11.791	VV	793	46441	3.85%	0.642%
40	11.875	11.791	11.982	VV	2404	138820	11.51%	1.919%
41	12.091	11.982	12.234	VV	1767	101131	8.38%	1.398%
42	12.331	12.234	12.436	VV	294	18390	1.52%	0.254%
43	12.483	12.436	12.500	PV	28	588	0.05%	0.008%
44	12.526	12.500	12.567	VV	21	564	0.05%	0.008%
45	12.759	12.567	12.894	VV	2026	112594	9.34%	1.556%
46	13.050	12.894	13.105	VV	7574	349207	28.95%	4.827%
47	13.180	13.105	13.437	VV	26758	1206142	100.00%	16.671%
48	13.533	13.437	13.636	VV	596	34406	2.85%	0.476%
49	13.726	13.636	13.739	VV	166	7657	0.63%	0.106%
50	13.909	13.739	14.005	VV	10053	456141	37.82%	6.305%
51	14.176	14.005	14.314	VV	1549	163552	13.56%	2.261%
52	14.420	14.314	14.474	VV	895	47830	3.97%	0.661%
53	14.526	14.474	14.641	VV	834	41800	3.47%	0.578%
54	14.692	14.641	14.755	VV	60	2370	0.20%	0.033%
55	14.861	14.755	14.895	PV	99	5344	0.44%	0.074%
56	14.943	14.895	14.963	VV	101	3558	0.29%	0.049%
57	15.060	14.963	15.135	VV	2017	96874	8.03%	1.339%
58	15.218	15.135	15.299	VV	3240	155688	12.91%	2.152%
59	15.398	15.299	15.463	VV	11157	554246	45.95%	7.661%
60	15.495	15.463	15.628	VV	4850	202154	16.76%	2.794%
61	15.675	15.628	15.727	VV	133	5508	0.46%	0.076%
62	15.785	15.727	15.844	VV	110	4451	0.37%	0.062%
63	15.942	15.844	16.069	VV	3188	144198	11.96%	1.993%
64	16.184	16.069	16.297	PV	14614	624822	51.80%	8.636%
65	16.393	16.297	16.403	VBA	1302	57517	4.77%	0.795%

Sum of corrected areas: 7235019

FB082724.M Sat Sep 21 01:41:36 2024

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10A	SDG No.:	P4103
Lab Sample ID:	P4103-10	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.5
Sample Wt/Vol:	4.99	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		PH :	
Prep Method :		Decanted:	
		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030947.D	50	09/20/24 2:34	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	10100		452	2640	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.9		50 - 150	110%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030947.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 2:34
Operator : YP/AJ
Sample : P4103-10 50X
Misc : 4.99G/5.00 ML MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-7.5-10A

Integration File: Calibration.e
Quant Time: Sep 20 04:12:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	265078	21.909 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

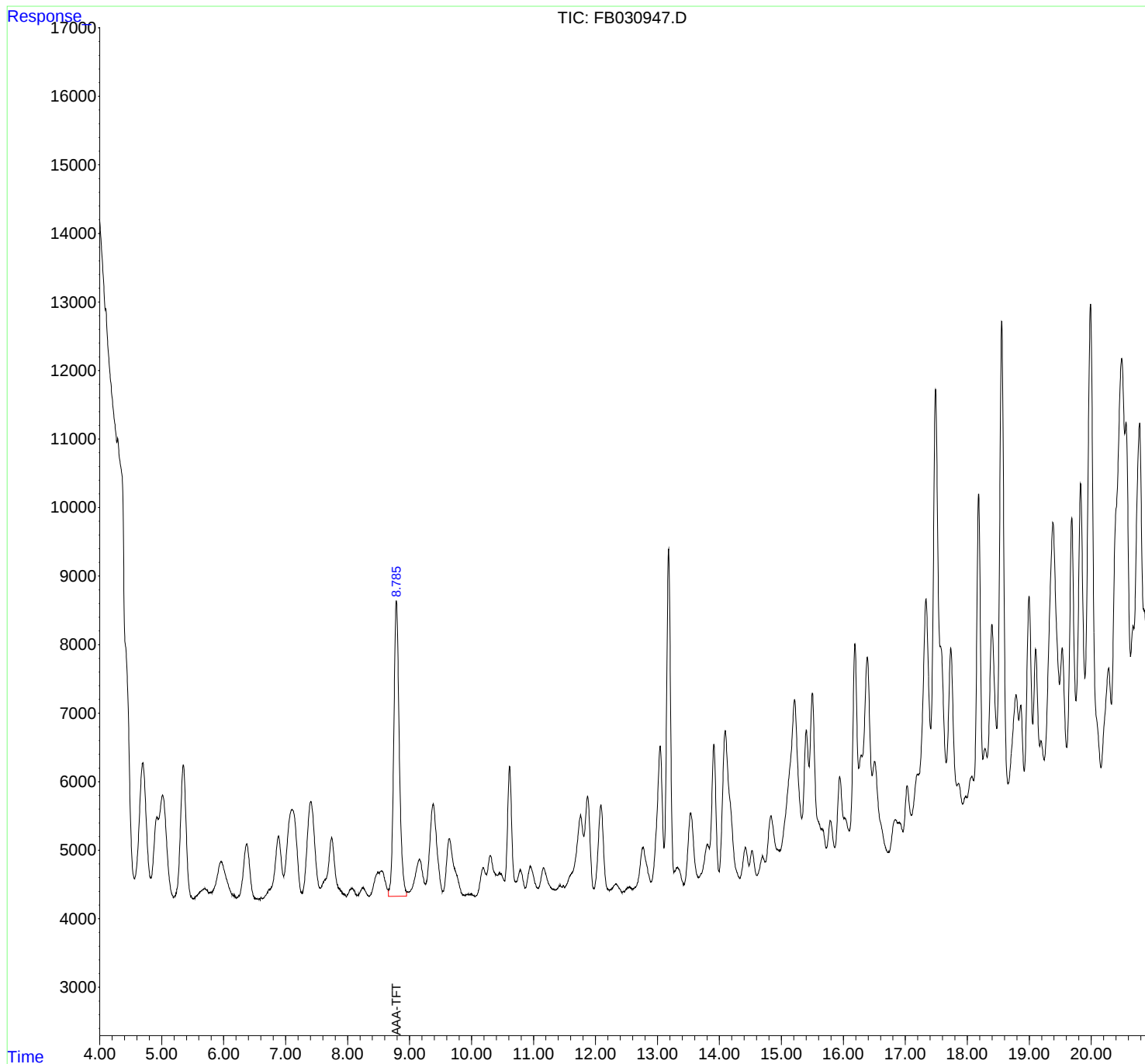
(m)=manual int.

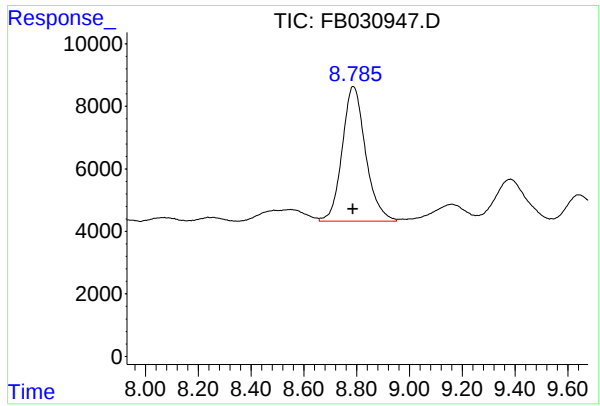
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030947.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 2:34
Operator : YP/AJ
Sample : P4103-10 50X
Misc : 4.99G/5.00 ML MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-7.5-10A

Integration File: Calibration.e
Quant Time: Sep 20 04:12:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.787 min
Delta R.T.: 0.000 min
Response: 265078
Conc: 21.91 ng/ml

Instrument :
FID_B
ClientSampleId :
WC-14-7.5-10A

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030947.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 2:34
Sample : P4103-10 50X
Misc : 4.99G/5.00 ML ME0H
ALS Vial : 27 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.697	4.520	4.830	BV	1561	94675	35.13%	2.564%
2	5.350	5.190	5.498	PV	1947	122743	45.55%	3.324%
3	5.506	5.498	5.520	VV	11	82	0.03%	0.002%
4	5.700	5.520	5.779	PV	157	15312	5.68%	0.415%
5	5.813	5.779	5.820	VV	116	2538	0.94%	0.069%
6	5.960	5.820	6.162	VV	555	59952	22.25%	1.624%
7	6.170	6.162	6.213	VV	73	1273	0.47%	0.034%
8	6.373	6.213	6.561	VV	813	58547	21.73%	1.586%
9	6.580	6.561	6.587	VV	19	165	0.06%	0.004%
10	6.605	6.587	6.632	PV	34	508	0.19%	0.014%
11	6.734	6.632	6.749	VV	152	5676	2.11%	0.154%
12	7.106	6.969	7.275	VV	1311	141358	52.46%	3.829%
13	7.410	7.275	7.563	VV	1426	124380	46.16%	3.369%
14	7.745	7.563	7.928	VV	895	79603	29.54%	2.156%
15	7.936	7.928	7.982	VV	75	1747	0.65%	0.047%
16	8.064	7.982	8.157	VV	149	10131	3.76%	0.274%
17	8.237	8.157	8.245	VV	156	4872	1.81%	0.132%
18	8.260	8.245	8.348	VV	155	5602	2.08%	0.152%
19	8.488	8.348	8.502	VV	382	19060	7.07%	0.516%
20	8.550	8.502	8.658	VV	402	27934	10.37%	0.757%
21	8.787	8.658	8.951	VV	4335	269478	100.00%	7.299%
22	8.977	8.951	8.990	VV	89	1981	0.74%	0.054%
23	9.162	8.990	9.266	VV	563	51415	19.08%	1.393%
24	9.384	9.266	9.532	VV	1359	111998	41.56%	3.033%
25	9.539	9.532	9.546	VV	95	798	0.30%	0.022%
26	9.643	9.546	9.861	VV	858	76396	28.35%	2.069%
27	9.872	9.861	9.895	VV	34	578	0.21%	0.016%
28	9.915	9.895	9.925	VV	36	599	0.22%	0.016%
29	9.935	9.925	9.967	VV	41	917	0.34%	0.025%
30	9.980	9.967	9.988	VV	47	456	0.17%	0.012%
31	10.001	9.988	10.057	VV	47	1129	0.42%	0.031%
32	10.190	10.057	10.239	PV	428	24801	9.20%	0.672%
33	10.304	10.239	10.407	VV	600	43732	16.23%	1.184%
34	10.446	10.407	10.536	VV	339	23007	8.54%	0.623%
35	10.615	10.536	10.715	VV	1889	93801	34.81%	2.541%
36	10.789	10.715	10.864	VV	385	23446	8.70%	0.635%

					rteres			
37	10.949	10.864	11.077	VV	432	31426	11.66%	0.851%
38	11.163	11.077	11.336	VV	398	31901	11.84%	0.864%
39	11.345	11.336	11.361	VV	75	1032	0.38%	0.028%
40	11.416	11.361	11.425	VV	129	3601	1.34%	0.098%
41	11.436	11.425	11.466	VV	133	2905	1.08%	0.079%
42	11.483	11.466	11.504	VV	134	2621	0.97%	0.071%
43	11.761	11.504	11.813	VV	1148	100155	37.17%	2.713%
44	11.874	11.813	11.980	VV	1428	80763	29.97%	2.187%
45	12.089	11.980	12.225	VV	1290	76991	28.57%	2.085%
46	12.333	12.225	12.432	VV	132	9286	3.45%	0.252%
47	12.451	12.432	12.464	PV	19	223	0.08%	0.006%
48	12.553	12.464	12.597	VV	74	3767	1.40%	0.102%
49	12.765	12.597	12.895	VV	621	49479	18.36%	1.340%
50	13.045	12.895	13.108	VV	2071	125471	46.56%	3.398%
51	13.181	13.108	13.277	VV	4927	218525	81.09%	5.919%
52	13.323	13.277	13.430	VV	267	16024	5.95%	0.434%
53	13.535	13.430	13.669	VV	1037	65367	24.26%	1.770%
54	13.808	13.669	13.838	VV	554	32106	11.91%	0.870%
55	13.911	13.838	13.998	VV	2000	96782	35.91%	2.621%
56	14.095	13.998	14.330	VV	2179	177474	65.86%	4.807%
57	14.420	14.330	14.479	PV	439	21268	7.89%	0.576%
58	14.527	14.479	14.607	VV	375	15848	5.88%	0.429%
59	14.699	14.607	14.740	PV	266	11705	4.34%	0.317%
60	14.833	14.740	14.983	VV	819	67134	24.91%	1.818%
61	15.213	14.983	15.331	VV	2427	259684	96.37%	7.033%
62	15.403	15.331	15.447	VV	1941	97782	36.29%	2.648%
63	15.500	15.447	15.727	VV	2455	167111	62.01%	4.526%
64	15.791	15.727	15.863	VV	529	26104	9.69%	0.707%
65	15.943	15.863	16.095	VV	1134	81420	30.21%	2.205%
66	16.187	16.095	16.249	VV	3016	148991	55.29%	4.035%
67	16.290	16.249	16.304	VV	1372	42795	15.88%	1.159%
68	16.387	16.304	16.403	VBA	2773	125765	46.67%	3.406%
Sum of corrected areas:							3692198	

FB082724.M Fri Sep 20 06:26:55 2024

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-14-7.5-10B	SDG No.:	P4103
Lab Sample ID:	P4103-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.1
Sample Wt/Vol:	5.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		PH :	
Prep Method :		Decanted:	
		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030948.D	50	09/20/24 3:13	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	5150		436	2540	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030948.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 3:13
Operator : YP/AJ
Sample : P4103-13 50X
Misc : 5.03G/5.00 ML MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-7.5-10B

Integration File: Calibration.e
Quant Time: Sep 20 04:12:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	249789	20.645 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

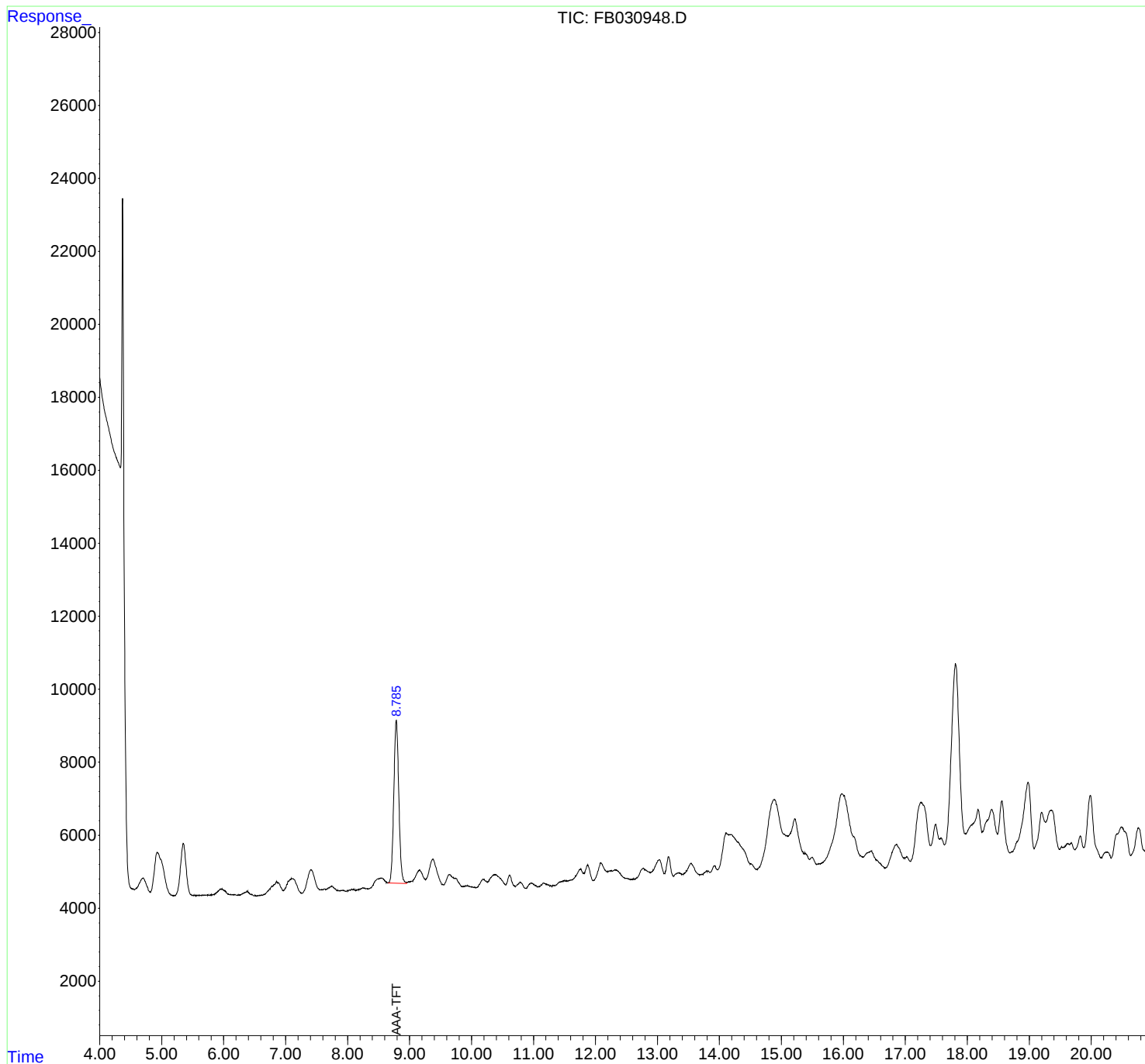
(m)=manual int.

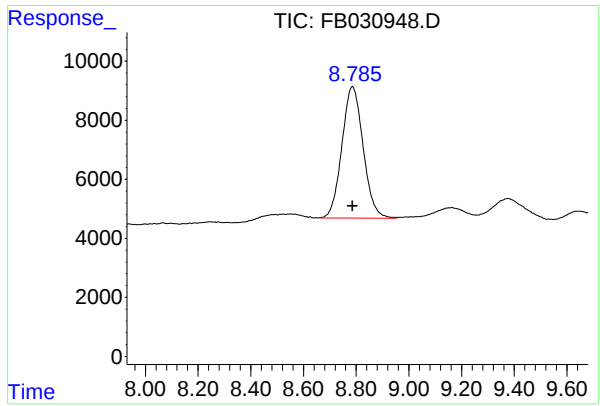
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030948.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 3:13
Operator : YP/AJ
Sample : P4103-13 50X
Misc : 5.03G/5.00 ML MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-14-7.5-10B

Integration File: Calibration.e
Quant Time: Sep 20 04:12:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.787 min
Delta R.T.: 0.000 min
Response: 249789
Conc: 20.65 ng/ml

Instrument :
FID_B
ClientSampleId :
WC-14-7.5-10B

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030948.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 3:13
Sample : P4103-13 50X
Misc : 5.03G/5.00 ML MEOH
ALS Vial : 28 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.543	4.533	4.561	PV	20	183	0.06%	0.009%
2	4.706	4.561	4.814	PV	364	26855	8.94%	1.301%
3	5.159	5.155	5.178	VV	21	160	0.05%	0.008%
4	5.194	5.178	5.202	PV	15	93	0.03%	0.004%
5	5.500	5.492	5.513	VV	22	176	0.06%	0.009%
6	5.525	5.513	5.538	VV	23	181	0.06%	0.009%
7	5.548	5.538	5.589	VV	21	341	0.11%	0.017%
8	5.597	5.589	5.610	VV	25	165	0.06%	0.008%
9	5.622	5.610	5.639	VV	20	226	0.08%	0.011%
10	5.677	5.639	5.688	VV	27	530	0.18%	0.026%
11	5.697	5.688	5.710	VV	25	272	0.09%	0.013%
12	5.733	5.710	5.765	VV	30	681	0.23%	0.033%
13	5.801	5.765	5.809	VV	47	580	0.19%	0.028%
14	5.826	5.809	5.834	VV	38	484	0.16%	0.023%
15	5.962	5.834	5.972	VV	195	9619	3.20%	0.466%
16	5.976	5.972	6.108	VV	188	8591	2.86%	0.416%
17	6.117	6.108	6.127	VV	42	397	0.13%	0.019%
18	6.150	6.127	6.221	VV	42	1727	0.58%	0.084%
19	6.378	6.221	6.497	VV	136	9534	3.18%	0.462%
20	6.506	6.497	6.531	VV	27	191	0.06%	0.009%
21	6.562	6.531	6.573	PV	12	173	0.06%	0.008%
22	6.583	6.573	6.590	VV	17	102	0.03%	0.005%
23	6.604	6.590	6.635	VV	24	439	0.15%	0.021%
24	6.858	6.635	6.874	VV	379	27897	9.29%	1.352%
25	6.883	6.874	6.959	VV	352	12709	4.23%	0.616%
26	6.964	6.959	6.971	VV	136	989	0.33%	0.048%
27	7.406	7.263	7.568	VV	683	61874	20.61%	2.998%
28	7.622	7.568	7.648	VV	143	6183	2.06%	0.300%
29	7.658	7.648	7.665	VV	133	1280	0.43%	0.062%
30	7.747	7.665	7.836	VV	214	16367	5.45%	0.793%
31	7.843	7.836	7.855	VV	91	969	0.32%	0.047%
32	7.861	7.855	7.872	VV	84	825	0.27%	0.040%
33	7.876	7.872	7.886	VV	87	695	0.23%	0.034%
34	7.926	7.886	7.976	VV	91	4240	1.41%	0.205%
35	8.035	7.976	8.044	VV	96	3187	1.06%	0.154%
36	8.068	8.044	8.086	VV	121	2520	0.84%	0.122%

					rteres			
37	8.099	8.086	8.131	VV	107	2435	0.81%	0.118%
38	8.189	8.131	8.198	VV	115	3748	1.25%	0.182%
39	8.247	8.198	8.269	VV	147	5466	1.82%	0.265%
40	8.278	8.269	8.302	VV	139	2419	0.81%	0.117%
41	8.312	8.302	8.342	VV	122	2752	0.92%	0.133%
42	8.493	8.342	8.503	VV	378	23787	7.92%	1.153%
43	8.554	8.503	8.657	VV	397	31559	10.51%	1.529%
44	8.786	8.657	8.952	VV	4710	292486	97.41%	14.174%
45	8.989	8.952	9.002	VV	274	7940	2.64%	0.385%
46	9.164	9.002	9.257	VV	585	63816	21.25%	3.093%
47	9.377	9.257	9.550	VV	882	90340	30.09%	4.378%
48	9.643	9.550	9.731	VV	440	36690	12.22%	1.778%
49	9.737	9.731	9.863	VV	337	16823	5.60%	0.815%
50	9.873	9.863	9.881	VV	106	1048	0.35%	0.051%
51	9.909	9.881	9.922	VV	131	2786	0.93%	0.135%
52	9.944	9.922	9.993	VV	121	4442	1.48%	0.215%
53	10.006	9.993	10.042	VV	89	2369	0.79%	0.115%
54	10.050	10.042	10.072	VV	79	1218	0.41%	0.059%
55	10.187	10.072	10.249	VV	292	20313	6.77%	0.984%
56	10.387	10.249	10.558	VV	403	54102	18.02%	2.622%
57	10.616	10.558	10.715	VV	380	19618	6.53%	0.951%
58	10.785	10.715	10.883	VV	180	9904	3.30%	0.480%
59	10.968	10.883	11.093	PV	139	9360	3.12%	0.454%
60	11.157	11.093	11.243	VV	115	6529	2.17%	0.316%
61	11.250	11.243	11.265	VV	52	445	0.15%	0.022%
62	11.277	11.265	11.300	VV	28	359	0.12%	0.017%
63	11.326	11.300	11.348	VV	33	581	0.19%	0.028%
64	11.452	11.348	11.460	VV	120	5074	1.69%	0.246%
65	11.493	11.460	11.512	VV	141	3861	1.29%	0.187%
66	11.528	11.512	11.553	VV	137	3000	1.00%	0.145%
67	11.755	11.553	11.803	VV	413	36405	12.12%	1.764%
68	11.874	11.803	11.963	VV	525	31079	10.35%	1.506%
69	12.087	11.963	12.178	VV	549	42276	14.08%	2.049%
70	12.191	12.178	12.202	VV	301	4028	1.34%	0.195%
71	12.234	12.202	12.250	VV	309	8546	2.85%	0.414%
72	12.259	12.250	12.276	VV	309	4736	1.58%	0.229%
73	12.311	12.276	12.553	VV	327	29590	9.86%	1.434%
74	12.561	12.553	12.573	VV	36	345	0.11%	0.017%
75	12.585	12.573	12.595	VV	29	287	0.10%	0.014%
76	12.774	12.595	12.810	VV	304	19088	6.36%	0.925%
77	12.817	12.810	12.884	VV	247	9061	3.02%	0.439%
78	13.031	12.884	13.109	VV	506	42975	14.31%	2.083%
79	13.181	13.109	13.258	VV	564	25158	8.38%	1.219%
80	13.352	13.258	13.398	VV	108	6295	2.10%	0.305%
81	13.543	13.398	13.684	VV	341	26319	8.77%	1.275%
82	13.793	13.684	13.805	PV	90	2613	0.87%	0.127%
83	13.818	13.805	13.847	VV	90	1742	0.58%	0.084%
84	13.924	13.847	13.974	VV	217	10140	3.38%	0.491%
85	14.112	13.974	14.169	VV	1091	81407	27.11%	3.945%
86	14.186	14.169	14.610	VV	1033	142177	47.35%	6.890%
87	14.883	14.610	15.099	VV	1890	300254	100.00%	14.551%
88	15.219	15.099	15.456	VV	1310	153133	51.00%	7.421%
89	15.498	15.456	15.572	VV	218	9278	3.09%	0.450%

					rteres			
90	15.978	15.863	16.319	BV	1216	149863	49.91%	7.263%
Sum of corrected areas:							2063501	

FB082724.M Fri Sep 20 06:32:42 2024

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-23	SDG No.:	P4103
Lab Sample ID:	P4103-16	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86
Sample Wt/Vol:	5.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030949.D	50	09/20/24 3:52	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	2630		442	2580	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.4		50 - 150	92%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030949.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 3:52
Operator : YP/AJ
Sample : P4103-16 50X
Misc : 5.08G/5.00 ML MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-23

Integration File: Calibration.e
Quant Time: Sep 20 04:12:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	223257	18.453 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

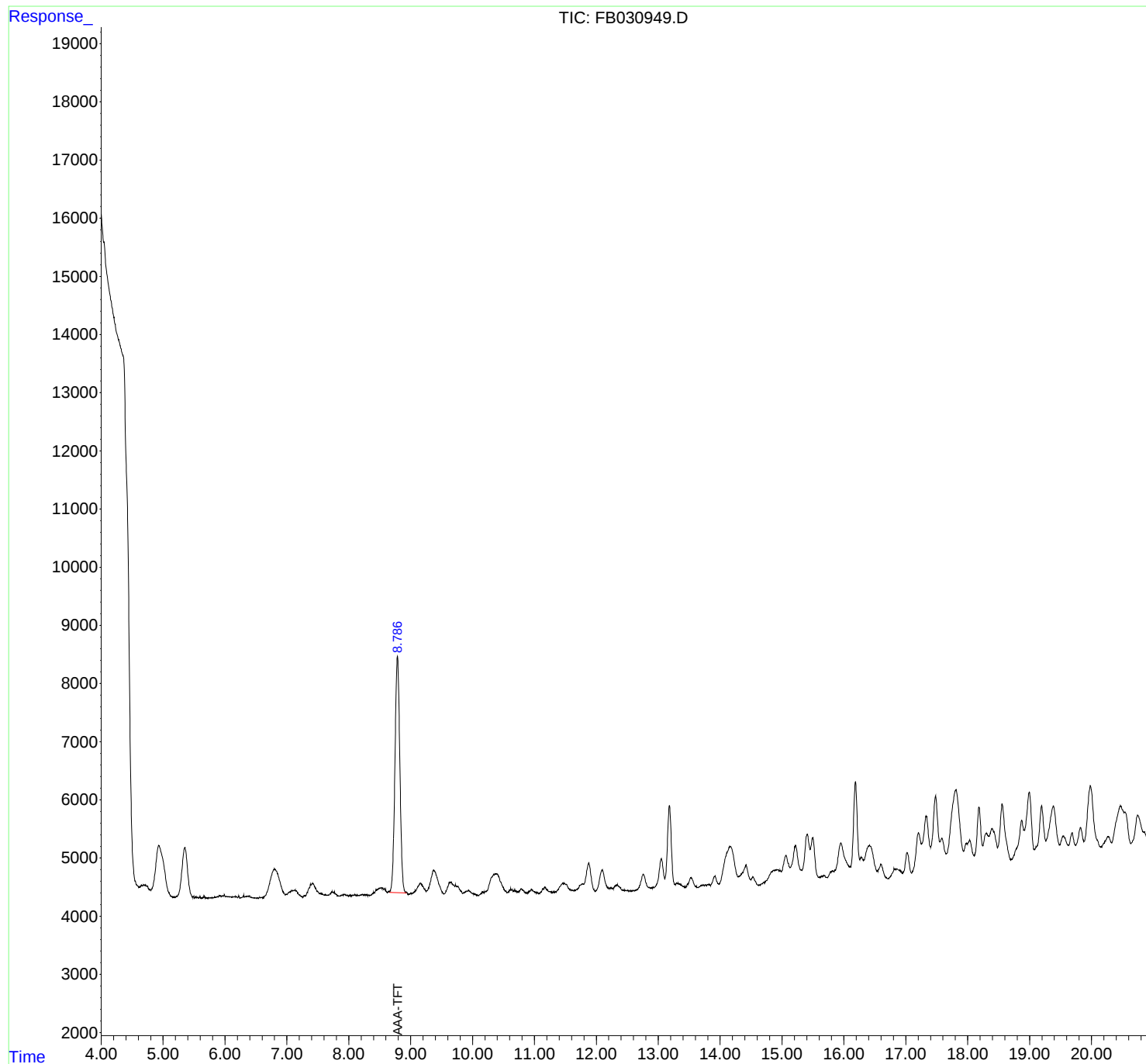
(m)=manual int.

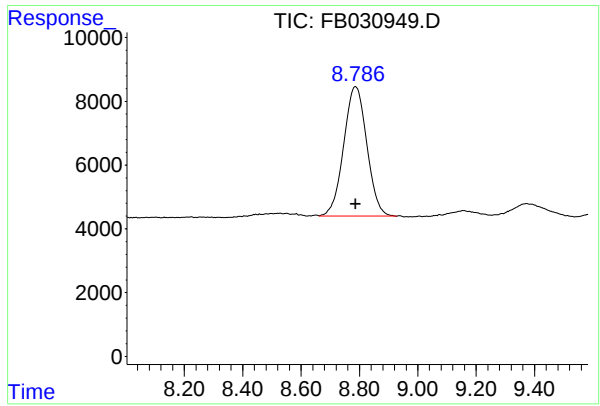
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030949.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 3:52
Operator : YP/AJ
Sample : P4103-16 50X
Misc : 5.08G/5.00 ML MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
WC-23

Integration File: Calibration.e
Quant Time: Sep 20 04:12:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.787 min
Delta R.T.: 0.000 min
Response: 223257
Conc: 18.45 ng/ml

Instrument :
FID_B
ClientSampleId :
WC-23

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030949.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2024 3:52
 Sample : P4103-16 50X
 Misc : 5.08G/5.00 ML ME0H
 ALS Vial : 29 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.650	4.587	4.668	BV	41	452	0.19%	0.040%
2	4.686	4.668	4.696	VV	61	762	0.32%	0.067%
3	4.708	4.696	4.802	VV	63	2346	1.00%	0.206%
4	5.214	5.202	5.221	PV	20	112	0.05%	0.010%
5	5.493	5.483	5.509	VV	30	227	0.10%	0.020%
6	5.521	5.509	5.545	VV	24	310	0.13%	0.027%
7	5.556	5.545	5.578	VV	16	209	0.09%	0.018%
8	5.598	5.578	5.610	VV	38	283	0.12%	0.025%
9	5.618	5.610	5.630	PV	12	100	0.04%	0.009%
10	5.663	5.630	5.693	VV	51	767	0.33%	0.067%
11	5.706	5.693	5.734	VV	15	151	0.06%	0.013%
12	5.745	5.734	5.757	VV	17	136	0.06%	0.012%
13	5.768	5.757	5.781	VV	13	137	0.06%	0.012%
14	5.855	5.781	5.861	VV	30	843	0.36%	0.074%
15	5.880	5.861	5.892	VV	34	533	0.23%	0.047%
16	5.918	5.892	5.939	VV	53	1180	0.50%	0.104%
17	5.963	5.939	5.970	VV	49	797	0.34%	0.070%
18	5.991	5.970	6.005	VV	69	1044	0.45%	0.092%
19	6.014	6.005	6.051	VV	38	944	0.40%	0.083%
20	6.066	6.051	6.115	VV	33	1059	0.45%	0.093%
21	6.150	6.115	6.163	VV	34	817	0.35%	0.072%
22	6.173	6.163	6.183	VV	38	392	0.17%	0.034%
23	6.191	6.183	6.203	VV	37	340	0.14%	0.030%
24	6.222	6.203	6.249	VV	46	576	0.25%	0.051%
25	6.302	6.249	6.313	VV	54	912	0.39%	0.080%
26	6.376	6.313	6.386	VV	45	1497	0.64%	0.132%
27	6.398	6.386	6.419	VV	50	643	0.27%	0.056%
28	6.426	6.419	6.442	VV	24	257	0.11%	0.023%
29	6.450	6.442	6.511	VV	18	482	0.21%	0.042%
30	6.519	6.511	6.540	PV	15	163	0.07%	0.014%
31	6.564	6.540	6.572	VV	22	253	0.11%	0.022%
32	6.604	6.572	6.613	VV	25	387	0.17%	0.034%
33	6.622	6.613	6.628	VV	25	139	0.06%	0.012%
34	6.993	6.974	7.002	VV	70	1051	0.45%	0.092%
35	7.078	7.002	7.102	VV	135	6353	2.71%	0.558%
36	7.110	7.102	7.116	VV	134	1100	0.47%	0.097%

					rteres			
37	7.133	7.116	7.143	VV	142	2201	0.94%	0.193%
38	7.152	7.143	7.259	VV	126	4375	1.87%	0.384%
39	7.292	7.259	7.300	VV	43	772	0.33%	0.068%
40	7.413	7.300	7.526	VV	249	21013	8.96%	1.846%
41	7.537	7.526	7.558	VV	81	1418	0.60%	0.125%
42	7.566	7.558	7.613	VV	78	1853	0.79%	0.163%
43	7.622	7.613	7.652	VV	53	1036	0.44%	0.091%
44	7.667	7.652	7.677	VV	49	657	0.28%	0.058%
45	7.729	7.677	7.741	VV	104	2846	1.21%	0.250%
46	7.751	7.741	7.761	VV	93	1082	0.46%	0.095%
47	7.768	7.761	7.816	VV	101	2095	0.89%	0.184%
48	7.826	7.816	7.847	VV	35	523	0.22%	0.046%
49	7.852	7.847	7.858	VV	30	190	0.08%	0.017%
50	7.932	7.858	7.957	VV	55	2476	1.06%	0.218%
51	7.969	7.957	7.996	VV	41	767	0.33%	0.067%
52	8.006	7.996	8.024	VV	39	512	0.22%	0.045%
53	8.036	8.024	8.047	VV	41	457	0.19%	0.040%
54	8.070	8.047	8.080	VV	41	662	0.28%	0.058%
55	8.105	8.080	8.122	VV	49	959	0.41%	0.084%
56	8.131	8.122	8.166	VV	42	872	0.37%	0.077%
57	8.226	8.166	8.245	VV	55	1852	0.79%	0.163%
58	8.255	8.245	8.309	VV	51	1517	0.65%	0.133%
59	8.319	8.309	8.339	VV	40	594	0.25%	0.052%
60	8.406	8.339	8.417	VV	84	2472	1.05%	0.217%
61	8.460	8.417	8.467	VV	137	3303	1.41%	0.290%
62	8.528	8.467	8.539	VV	166	6434	2.74%	0.565%
63	8.550	8.539	8.566	VV	160	2343	1.00%	0.206%
64	8.584	8.566	8.623	VV	146	3862	1.65%	0.339%
65	8.630	8.623	8.635	VV	87	574	0.24%	0.050%
66	8.653	8.635	8.663	VV	102	1521	0.65%	0.134%
67	8.787	8.663	8.926	VV	4135	234461	100.00%	20.601%
68	8.937	8.926	8.967	VV	81	1475	0.63%	0.130%
69	9.006	8.967	9.016	VV	67	1489	0.64%	0.131%
70	9.075	9.016	9.083	VV	114	3001	1.28%	0.264%
71	9.159	9.083	9.255	VV	234	16923	7.22%	1.487%
72	9.373	9.255	9.538	VV	456	40501	17.27%	3.559%
73	9.641	9.538	9.651	VV	245	9844	4.20%	0.865%
74	9.657	9.651	9.688	VV	238	4700	2.00%	0.413%
75	9.698	9.688	9.713	VV	195	2770	1.18%	0.243%
76	9.728	9.713	9.757	VV	194	4545	1.94%	0.399%
77	9.764	9.757	9.841	VV	169	5370	2.29%	0.472%
78	9.854	9.841	9.862	VV	56	642	0.27%	0.056%
79	9.906	9.862	9.920	VV	87	2544	1.09%	0.224%
80	9.936	9.920	10.002	VV	99	3485	1.49%	0.306%
81	10.011	10.002	10.023	VV	45	441	0.19%	0.039%
82	10.030	10.023	10.068	VV	40	711	0.30%	0.062%
83	10.341	10.068	10.348	PV	355	20724	8.84%	1.821%
84	10.374	10.348	10.561	VV	376	28920	12.33%	2.541%
85	10.618	10.561	10.627	VV	110	2681	1.14%	0.236%
86	10.635	10.627	10.660	VV	92	1563	0.67%	0.137%
87	10.678	10.660	10.690	VV	86	1263	0.54%	0.111%
88	10.699	10.690	10.711	VV	70	767	0.33%	0.067%
89	10.718	10.711	10.727	VV	61	520	0.22%	0.046%

					rteres			
90	10.790	10.727	10.853	VV	103	5139	2.19%	0.452%
91	10.862	10.853	10.880	VV	44	510	0.22%	0.045%
92	10.889	10.880	10.897	VV	38	276	0.12%	0.024%
93	10.951	10.897	11.034	VV	92	4370	1.86%	0.384%
94	11.042	11.034	11.070	VV	28	393	0.17%	0.035%
95	11.078	11.070	11.083	VV	17	90	0.04%	0.008%
96	11.132	11.083	11.139	VV	92	1579	0.67%	0.139%
97	11.167	11.139	11.200	VV	127	3530	1.51%	0.310%
98	11.212	11.200	11.248	VV	77	1575	0.67%	0.138%
99	11.260	11.248	11.286	VV	43	705	0.30%	0.062%
100	11.301	11.286	11.314	VV	36	415	0.18%	0.036%
101	11.340	11.314	11.348	VV	33	521	0.22%	0.046%
102	11.456	11.348	11.465	VV	180	7480	3.19%	0.657%
103	11.479	11.465	11.509	VV	180	4418	1.88%	0.388%
104	11.517	11.509	11.571	VV	159	4176	1.78%	0.367%
105	11.575	11.571	11.593	VV	76	824	0.35%	0.072%
106	11.602	11.593	11.637	VV	60	1336	0.57%	0.117%
107	11.645	11.637	11.652	VV	45	401	0.17%	0.035%
108	11.787	11.652	11.798	VV	158	9190	3.92%	0.807%
109	11.878	11.798	11.980	VV	515	29131	12.42%	2.560%
110	12.092	11.980	12.202	VV	388	24430	10.42%	2.146%
111	12.217	12.202	12.226	VV	79	1034	0.44%	0.091%
112	12.242	12.226	12.257	VV	85	1341	0.57%	0.118%
113	12.268	12.257	12.274	VV	66	627	0.27%	0.055%
114	12.339	12.274	12.431	VV	126	7809	3.33%	0.686%
115	12.438	12.431	12.450	VV	31	301	0.13%	0.026%
116	12.458	12.450	12.470	VV	30	294	0.13%	0.026%
117	12.478	12.470	12.544	VV	22	814	0.35%	0.072%
118	12.561	12.544	12.580	PV	21	253	0.11%	0.022%
119	12.592	12.580	12.601	VV	18	190	0.08%	0.017%
120	12.611	12.601	12.621	VV	22	188	0.08%	0.016%
121	12.758	12.621	12.847	VV	292	17151	7.32%	1.507%
122	12.856	12.847	12.879	VV	59	963	0.41%	0.085%
123	12.884	12.879	12.903	VV	57	732	0.31%	0.064%
124	12.920	12.903	12.931	VV	63	869	0.37%	0.076%
125	13.050	12.931	13.107	VV	540	28228	12.04%	2.480%
126	13.181	13.107	13.267	VV	1448	65643	28.00%	5.768%
127	13.297	13.267	13.305	VV	116	2277	0.97%	0.200%
128	13.312	13.305	13.322	VV	108	1081	0.46%	0.095%
129	13.327	13.322	13.401	VV	103	3690	1.57%	0.324%
130	13.409	13.401	13.422	VV	50	564	0.24%	0.050%
131	13.431	13.422	13.441	VV	50	398	0.17%	0.035%
132	13.532	13.441	13.602	VV	193	10563	4.51%	0.928%
133	13.608	13.602	13.631	VV	45	532	0.23%	0.047%
134	13.706	13.631	13.714	VV	57	1659	0.71%	0.146%
135	13.729	13.714	13.742	VV	64	884	0.38%	0.078%
136	13.761	13.742	13.778	VV	64	1139	0.49%	0.100%
137	13.830	13.778	13.847	VV	65	2293	0.98%	0.201%
138	13.919	13.847	13.989	VV	197	9898	4.22%	0.870%
139	14.164	13.989	14.292	VV	701	77982	33.26%	6.852%
140	14.305	14.292	14.311	VV	182	2057	0.88%	0.181%
141	14.420	14.311	14.485	VV	364	25498	10.88%	2.240%

					rters				
142	14.493	14.485	14.501	VV	117	1132	0.48%	0.100%	
143	14.530	14.501	14.620	VV	161	6201	2.64%	0.545%	
144	14.634	14.620	14.651	PV	16	164	0.07%	0.014%	
145	14.675	14.651	14.682	VV	28	405	0.17%	0.036%	
146	14.706	14.682	14.719	VV	53	885	0.38%	0.078%	
147	14.858	14.719	14.866	VV	234	12513	5.34%	1.099%	
148	14.875	14.866	14.885	VV	239	2681	1.14%	0.236%	
149	14.902	14.885	14.910	VV	240	3581	1.53%	0.315%	
150	14.920	14.910	14.955	VV	241	6274	2.68%	0.551%	
151	14.969	14.955	14.987	VV	224	3935	1.68%	0.346%	
152	15.065	14.987	15.133	VV	472	29450	12.56%	2.588%	
153	15.219	15.133	15.300	VV	625	39781	16.97%	3.495%	
154	15.308	15.300	15.325	VV	195	2777	1.18%	0.244%	
155	15.409	15.325	15.456	VV	790	42163	17.98%	3.705%	
156	15.494	15.456	15.590	VV	720	32296	13.77%	2.838%	
157	15.606	15.590	15.618	VV	34	438	0.19%	0.039%	
158	15.675	15.618	15.685	VV	56	1487	0.63%	0.131%	
159	15.692	15.685	15.740	VV	49	578	0.25%	0.051%	
160	15.821	15.740	15.842	PV	82	3692	1.57%	0.324%	
161	15.951	15.842	16.093	VV	499	34154	14.57%	3.001%	
162	16.101	16.093	16.110	VV	24	146	0.06%	0.013%	
163	16.187	16.110	16.255	PV	1428	55666	23.74%	4.891%	
164	16.284	16.255	16.325	VV	77	1961	0.84%	0.172%	
				Sum of corrected areas:		1138132			

FB082724.M Fri Sep 20 06:33:04 2024



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103

Calibration Sequence : FB082724		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	823693	18304	FB030884.D
90	1873410	20816	FB030885.D
180	3671455	20397	FB030886.D
450	9039140	20087	FB030887.D
900	17824073	19805	FB030888.D
AVG RF : 19882		% RSD : 4.821	AVG RT : 8.7856

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
DataFile: FB030925.D Analyst Name: YP/AJ Analyst Date: 09-19-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	3606017	20033	19882	0.759

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030925.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2024 9:09
 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: Sep 20 01:54:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	8.783	257270	21.264 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.704	550632	30.815 ng/ml
2) t 2,2,4-Trimethylpentane	7.407	515696	28.126 ng/ml
3) t n-Heptane	7.742	201020	10.869 ng/ml
4) t Benzene	7.878	236457	10.466 ng/ml
6) t Toluene	10.610	676059	30.954 ng/ml
7) t Ethylbenzene	13.046	209463	10.006 ng/ml
8) t m-Xylene	13.179	415891	20.044 ng/ml
9) t O-Xylene	13.906	400317	19.863 ng/ml
10) t 1,2,4-Trimethylbenzene	16.181	400482	20.071 ng/ml

(f)=RT Delta > 1/2 Window

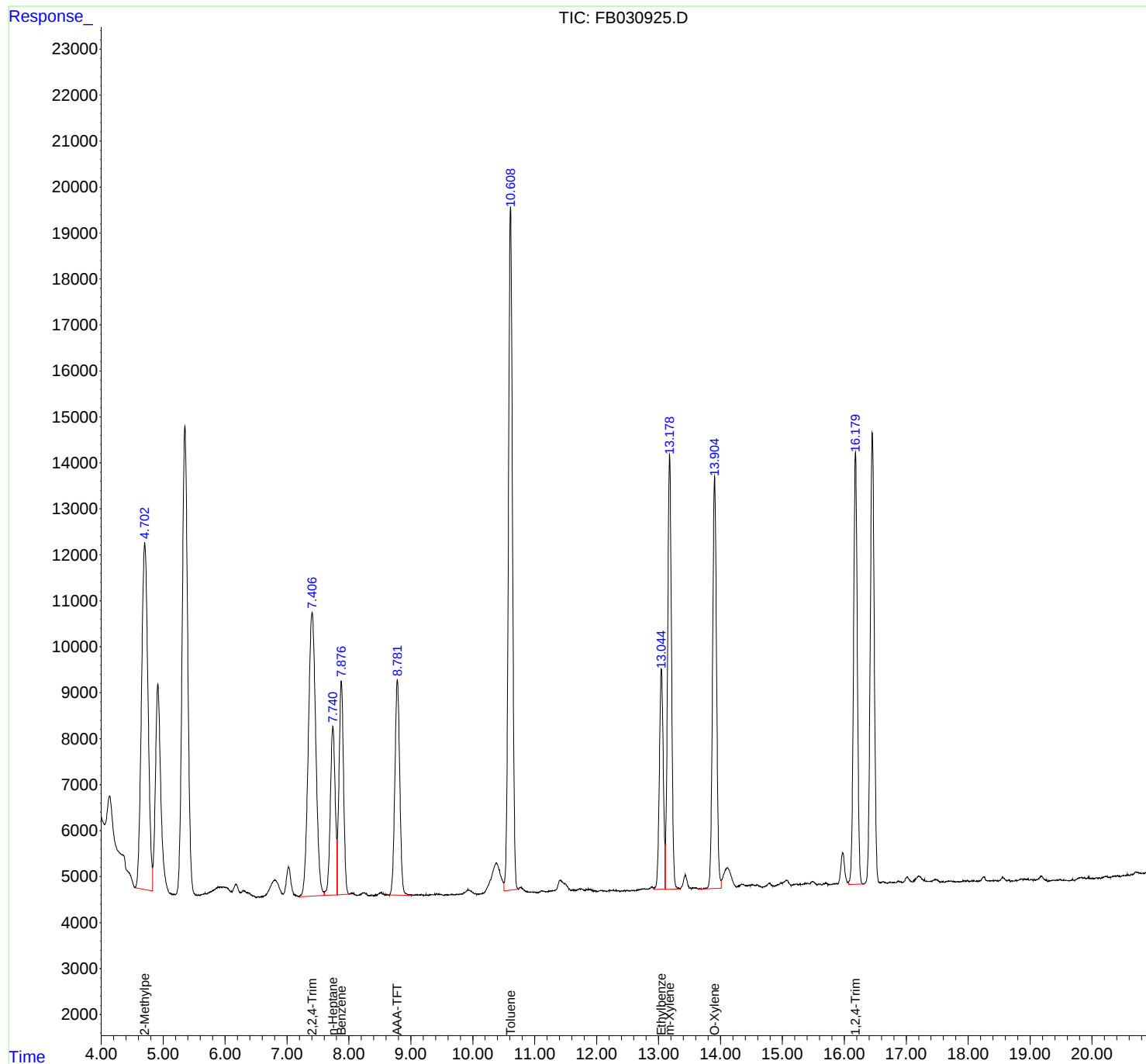
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030925.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 9:09
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: Sep 20 01:54:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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\FB091924\
Data File : FB030925.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 9:09
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.704	4.543	4.830	PV	7549	550632	81.45%	14.253%
2	7.407	7.187	7.602	PV	6170	515696	76.28%	13.349%
3	7.742	7.602	7.809	VV	3667	201020	29.73%	5.203%
4	7.878	7.809	8.004	VV	4648	236457	34.98%	6.121%
5	8.783	8.612	9.024	BB	4680	257270	38.05%	6.659%
6	10.610	10.503	10.741	VV	14868	676059	100.00%	17.500%
7	13.046	12.921	13.107	VV	4798	209463	30.98%	5.422%
8	13.179	13.107	13.344	VV	9452	415891	61.52%	10.765%
9	13.906	13.653	14.012	BV	8950	400317	59.21%	10.362%
10	16.181	16.069	16.313	VV	9385	400482	59.24%	10.366%

Sum of corrected areas: 3863288

FB082724.M Fri Sep 20 06:08:33 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
DataFile: FB030936.D Analyst Name: YP/AJ Analyst Date: 09-19-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	3847689	21376	19882	7.514

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030936.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2024 16:53
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Sep 20 01:55:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	8.788	289779	23.951 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.706	587345	32.869 ng/ml
2) t 2,2,4-Trimethylpentane	7.412	597010	32.561 ng/ml
3) t n-Heptane	7.747	209312	11.318 ng/ml
4) t Benzene	7.884	250758	11.099 ng/ml
6) t Toluene	10.616	716497	32.805 ng/ml
7) t Ethylbenzene	13.053	220732	10.544 ng/ml
8) t m-Xylene	13.185	440683	21.239 ng/ml
9) t O-Xylene	13.912	421632	20.920 ng/ml
10) t 1,2,4-Trimethylbenzene	16.187	403720	20.233 ng/ml

(f)=RT Delta > 1/2 Window

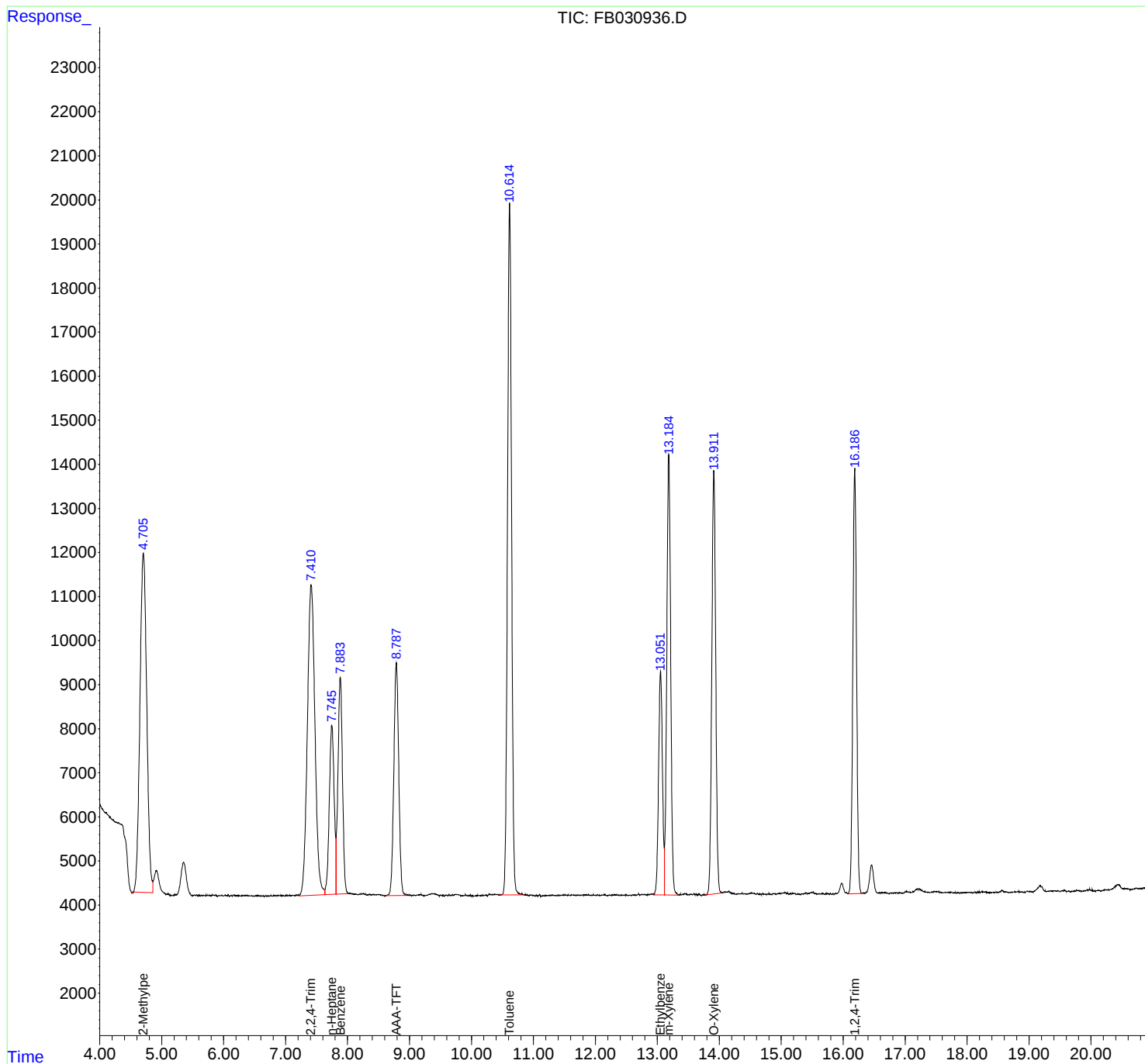
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030936.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 16:53
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Sep 20 01:55:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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\FB091924\
Data File : FB030936.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 16:53
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.706	4.509	4.859	BV	7704	587345	81.97%	14.196%
2	7.412	7.216	7.635	PV	7044	597010	83.32%	14.429%
3	7.747	7.635	7.814	VV	3838	209312	29.21%	5.059%
4	7.884	7.814	8.012	VV	4913	250758	35.00%	6.061%
5	8.788	8.592	8.957	BV	5275	289779	40.44%	7.004%
6	10.616	10.446	10.855	BV	15699	716497	100.00%	17.317%
7	13.053	12.935	13.114	VV	5074	220732	30.81%	5.335%
8	13.185	13.114	13.337	VV	9994	440683	61.51%	10.651%
9	13.912	13.761	14.045	VV	9607	421632	58.85%	10.191%
10	16.187	16.077	16.308	PV	9652	403720	56.35%	9.758%

Sum of corrected areas: 4137468

FB082724.M Fri Sep 20 06:16:11 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
DataFile: FB030946.D Analyst Name: YP/AJ Analyst Date: 09-20-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	3305800	18366	19882	7.625

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030946.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2024 00:38
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
 Quant Time: Sep 20 01:56:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	264300	21.845 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.704	521067	29.160 ng/ml
2) t 2,2,4-Trimethylpentane	7.414	515122	28.095 ng/ml
3) t n-Heptane	7.747	175485	9.489 ng/ml
4) t Benzene	7.883	207983	9.206 ng/ml
6) t Toluene	10.616	591001	27.059 ng/ml
7) t Ethylbenzene	13.053	183958	8.788 ng/ml
8) t m-Xylene	13.185	373183	17.986 ng/ml
9) t O-Xylene	13.910	362911	18.007 ng/ml
10) t 1,2,4-Trimethylbenzene	16.186	375090	18.798 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030946.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 00:38
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 24 Sample Multiplier: 1

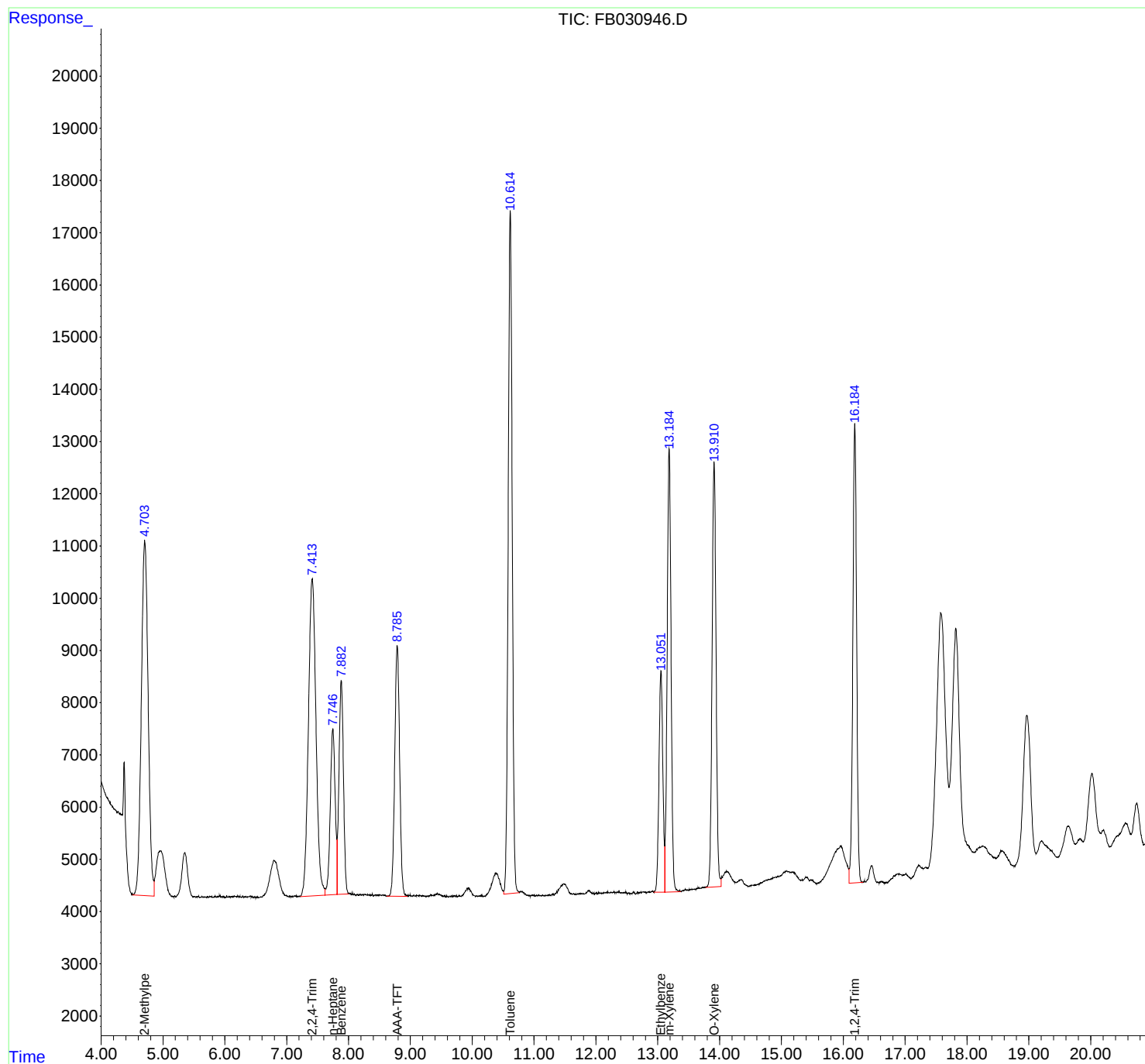
Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
Quant Time: Sep 20 01:56:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :
FID_B
LabSampleId :
20 PPB GRO STD
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB09192
Data File : FB030946.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 00:38
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.706	4.505	4.858	BV	6786	519085	85.93%	14.556%
2	7.413	7.144	7.619	BV	6081	517739	85.71%	14.518%
3	7.747	7.619	7.812	VV	3195	176227	29.17%	4.942%
4	7.883	7.812	8.168	VB	4122	214699	35.54%	6.021%
5	8.788	8.491	9.070	BB	4789	261813	43.34%	7.342%
6	10.616	10.506	10.940	VB	13088	604050	100.00%	16.939%
7	13.053	12.788	13.110	BV	4225	181937	30.12%	5.102%
8	13.185	13.110	13.367	VB	8470	374558	62.01%	10.503%
9	13.912	13.501	14.035	BV	8009	339750	56.25%	9.527%
10	16.186	16.078	16.318	VV	8793	376255	62.29%	10.551%

Sum of corrected areas: 3566113

FB082724.M Sat Sep 21 01:51:26 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
DataFile: FB030953.D Analyst Name: YP/AJ Analyst Date: 09-20-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	3183001	17683	19882	11.06

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030953.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2024 6:26
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
 Quant Time: Sep 20 06:42:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	206039	17.030 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.704	509158	28.494 ng/ml
2) t 2,2,4-Trimethylpentane	7.412	496885	27.100 ng/ml
3) t n-Heptane	7.746	177631	9.605 ng/ml
4) t Benzene	7.883	202195	8.949 ng/ml
6) t Toluene	10.615	574827	26.319 ng/ml
7) t Ethylbenzene	13.052	178676	8.535 ng/ml
8) t m-Xylene	13.184	356179	17.166 ng/ml
9) t O-Xylene	13.909	343528	17.045 ng/mlm
10) t 1,2,4-Trimethylbenzene	16.186	343922	17.236 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030953.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 6:26
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 33 Sample Multiplier: 1

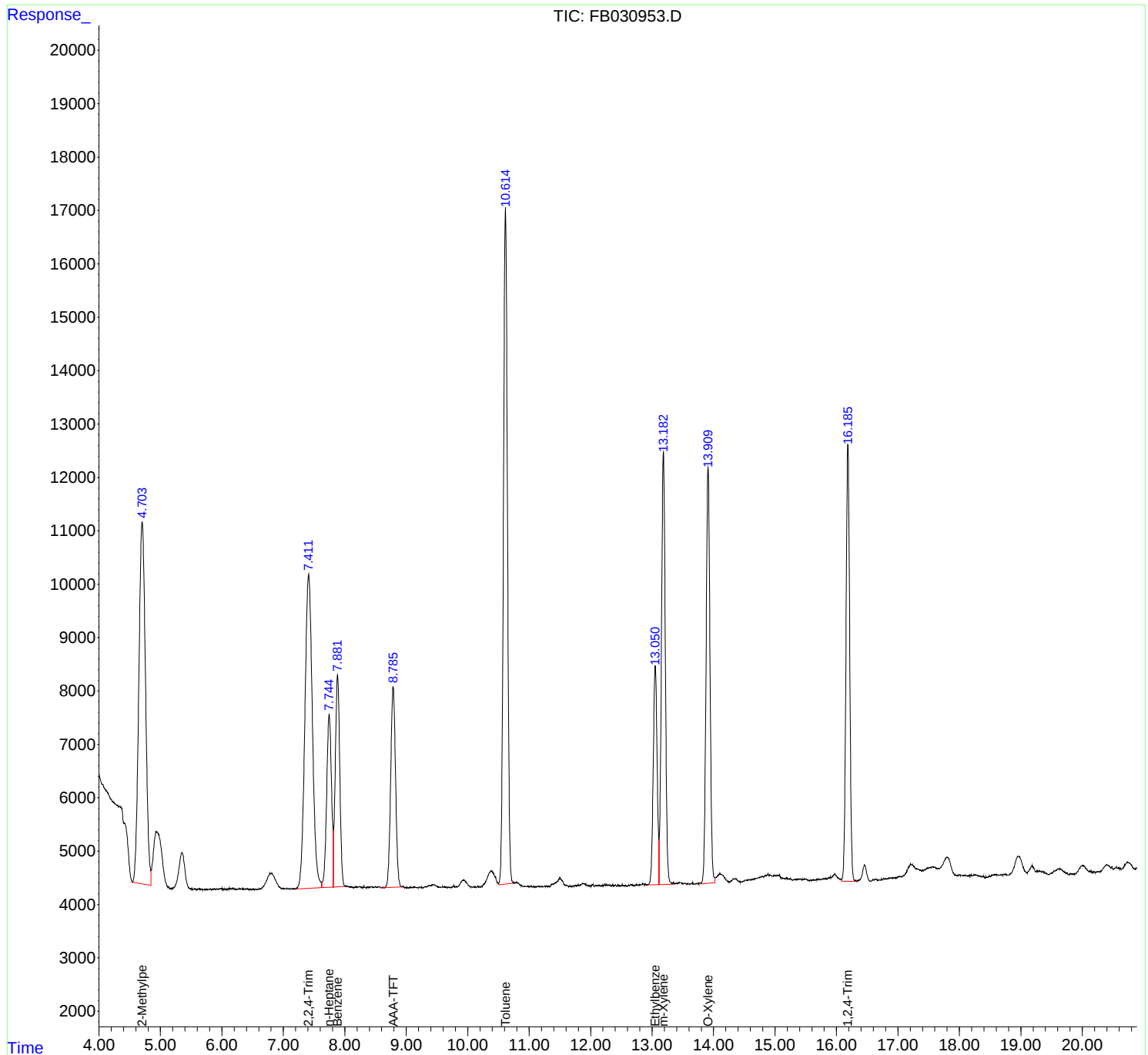
Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
Quant Time: Sep 20 06:42:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Instrument :
FID_B
LabSampleId :
20 PPB GRO STD
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB09192
Data File : FB030953.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 6:26
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.704	4.545	4.845	PV	6779	509158	88.58%	15.014%
2	7.412	7.198	7.624	PV	5881	496885	86.44%	14.653%
3	7.746	7.624	7.814	VV	3237	177631	30.90%	5.238%
4	7.883	7.814	7.997	VV	3968	202195	35.17%	5.963%
5	8.787	8.585	8.935	PV	3757	206039	35.84%	6.076%
6	10.615	10.505	10.738	VV	12663	574827	100.00%	16.951%
7	13.052	12.915	13.113	BV	4106	178676	31.08%	5.269%
8	13.184	13.113	13.369	VV	8087	356179	61.96%	10.503%
9	13.911	13.614	14.023	BV	7785	345599	60.12%	10.191%
10	16.186	16.078	16.332	VV	8180	343922	59.83%	10.142%

Sum of corrected areas: 3391113

FB082724.M Fri Sep 20 06:43:20 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103
DataFile: FB030956.D Analyst Name: YP/AJ Analyst Date: 09-20-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	3863575	21464	19882	7.957

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030956.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2024 11:21
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Sep 21 01:29:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	225925	18.673 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.701	603376	33.766 ng/ml
2) t 2,2,4-Trimethylpentane	7.411	589446	32.149 ng/ml
3) t n-Heptane	7.746	214815	11.615 ng/ml
4) t Benzene	7.882	246282	10.901 ng/ml
6) t Toluene	10.614	712596	32.627 ng/ml
7) t Ethylbenzene	13.051	221799	10.595 ng/ml
8) t m-Xylene	13.183	440474	21.229 ng/ml
9) t O-Xylene	13.911	421497	20.913 ng/ml
10) t 1,2,4-Trimethylbenzene	16.185	413290	20.712 ng/ml

(f)=RT Delta > 1/2 Window

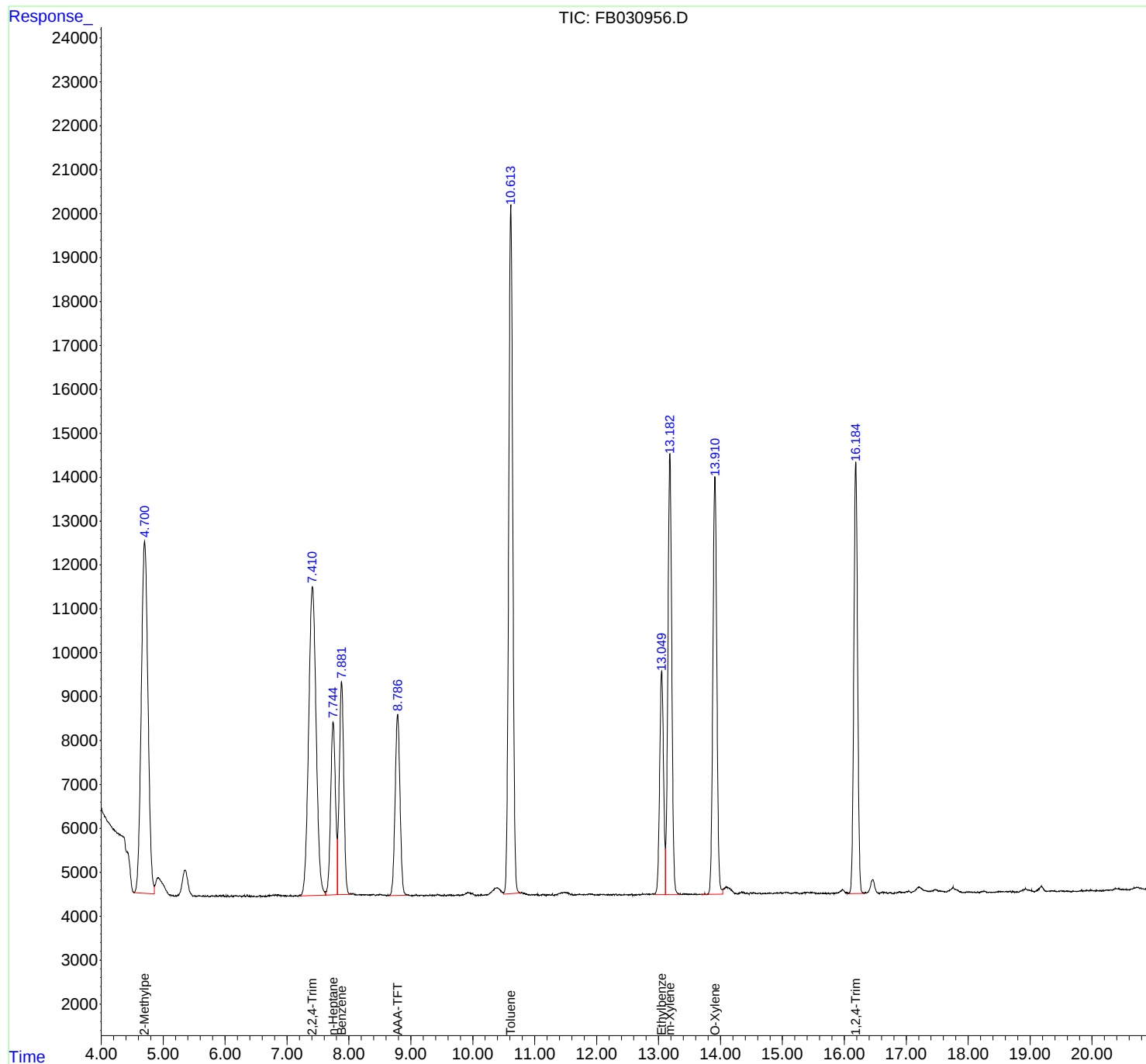
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030956.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 11:21
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Sep 21 01:29:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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\FB091924\
Data File : FB030956.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 11:21
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.701	4.532	4.858	PV	8023	603376	84.67%	14.754%
2	7.411	7.222	7.621	VV	7032	589446	82.72%	14.414%
3	7.746	7.621	7.814	VV	3937	214815	30.15%	5.253%
4	7.882	7.814	8.030	VV	4843	246282	34.56%	6.022%
5	8.787	8.659	8.944	PV	4119	225925	31.70%	5.525%
6	10.614	10.498	10.777	VV	15676	712596	100.00%	17.425%
7	13.051	12.925	13.112	VV	5085	221799	31.13%	5.424%
8	13.183	13.112	13.344	VV	10048	440474	61.81%	10.771%
9	13.911	13.692	14.037	BV	9510	421497	59.15%	10.307%
10	16.185	16.069	16.316	PV	9820	413290	58.00%	10.106%

Sum of corrected areas: 4089499

FB082724.M Sat Sep 21 01:40:18 2024

Analytical Sequence

Client: ENTACT

SDG No.: P4103

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 8.7856					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	19 Sep 2024 9:09	FB030925.D	8.783	
VBF0919S1	VBF0919S1	19 Sep 2024 9:47	FB030926.D	8.786	
VBF0919S2	VBF0919S2	19 Sep 2024 10:26	FB030927.D	8.786	
BSF0919S1	BSF0919S1	19 Sep 2024 11:05	FB030928.D	8.788	
WC-22A	P4103-01	19 Sep 2024 13:39	FB030931.D	8.654	*
20 PPB GRO STD	20 PPB GRO STD	19 Sep 2024 16:53	FB030936.D	8.788	
WC-14-5-7.5A	P4103-04	19 Sep 2024 22:42	FB030943.D	8.632	*
20 PPB GRO STD	20 PPB GRO STD	20 Sep 2024 00:38	FB030946.D	8.788	
WC-14-7.5-10A	P4103-10	20 Sep 2024 2:34	FB030947.D	8.787	
WC-14-7.5-10B	P4103-13	20 Sep 2024 3:13	FB030948.D	8.786	
WC-23	P4103-16	20 Sep 2024 3:52	FB030949.D	8.630	*
WC-23MS	P4103-16MS	20 Sep 2024 4:30	FB030950.D	8.789	
WC-23MSD	P4103-16MSD	20 Sep 2024 5:09	FB030951.D	8.791	
20 PPB GRO STD	20 PPB GRO STD	20 Sep 2024 6:26	FB030953.D	8.787	
WC-14-5-7.5B	P4103-07	20 Sep 2024 10:03	FB030954.D	8.787	
20 PPB GRO STD	20 PPB GRO STD	20 Sep 2024 11:21	FB030956.D	8.787	

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

QC Limits
(± 0.10 minutes)

Lower Limit
8.6856

Upper Limits
8.8856



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF0919S1	SDG No.:	P4103
Lab Sample ID:	VBF0919S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030926.D	1	09/19/24 9:47	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8.00	U	8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.9		50 - 150	90%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030926.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 9:47
Operator : YP/AJ
Sample : VBF0919S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0919S1

Integration File: Calibration.e
Quant Time: Sep 20 01:54:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	216944	17.931 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

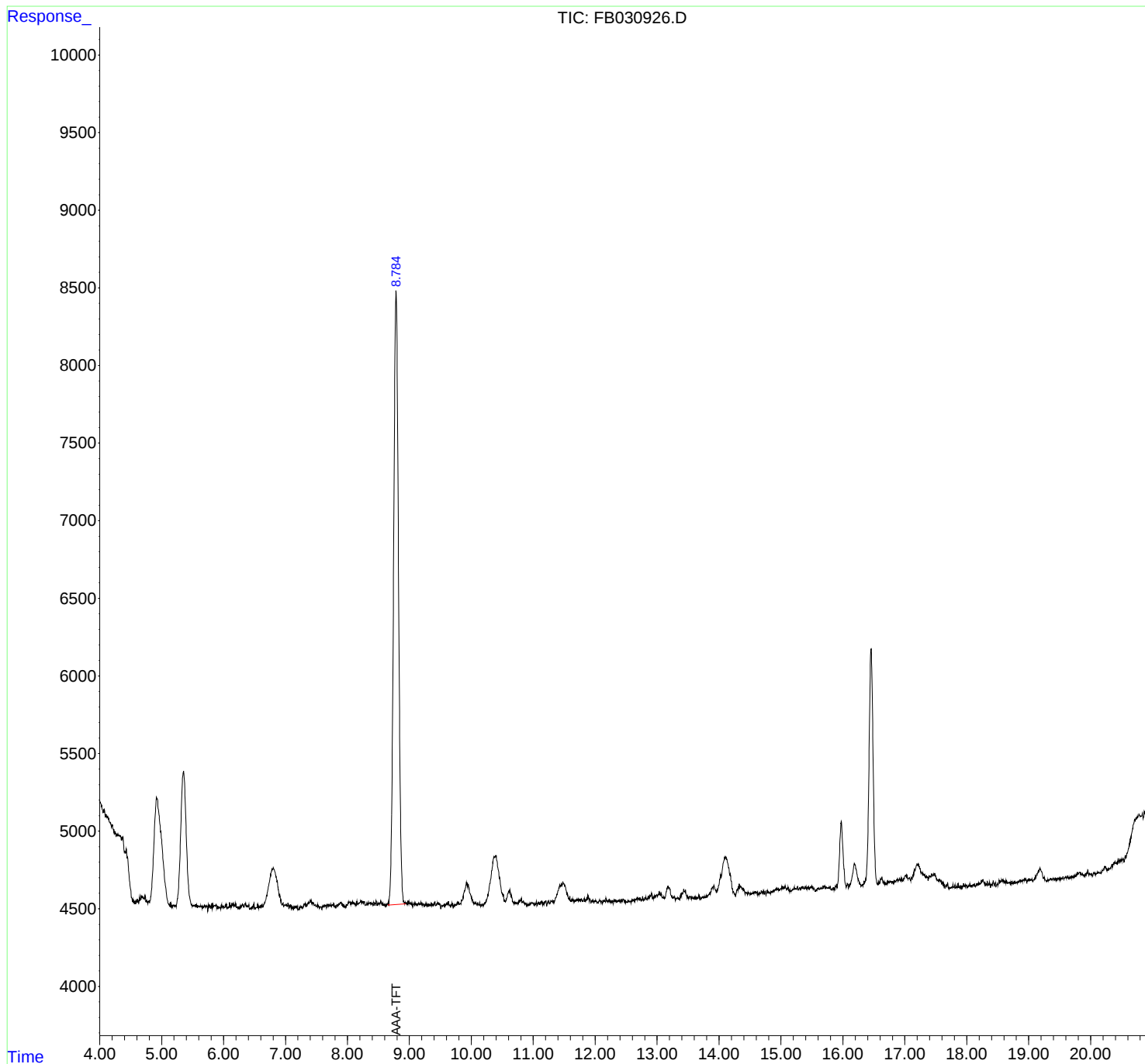
(m)=manual int.

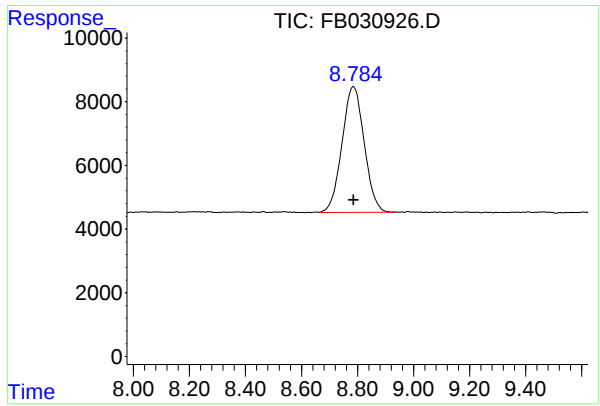
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030926.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 9:47
Operator : YP/AJ
Sample : VBF0919S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0919S1

Integration File: Calibration.e
Quant Time: Sep 20 01:54:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.786 min
Delta R.T.: 0.000 min
Response: 216944
Conc: 17.93 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF0919S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030926.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 9:47
Sample : VBF0919S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.786	8.662	8.938	PV	3953	216944	100.00%	100.000%
Sum of corrected areas:							216944	

FB082724.M Fri Sep 20 06:08:47 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF0919S2	SDG No.:	P4103
Lab Sample ID:	VBF0919S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Decanted:	
GPC Factor :		Final Vol:	5
Prep Method :		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030927.D	50	09/19/24 10:26	FB091924

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	18.1		50 - 150	91%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030927.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 10:26
Operator : YP/AJ
Sample : VBF0919S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0919S2

Integration File: Calibration.e
Quant Time: Sep 20 01:54:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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	219618	18.152 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

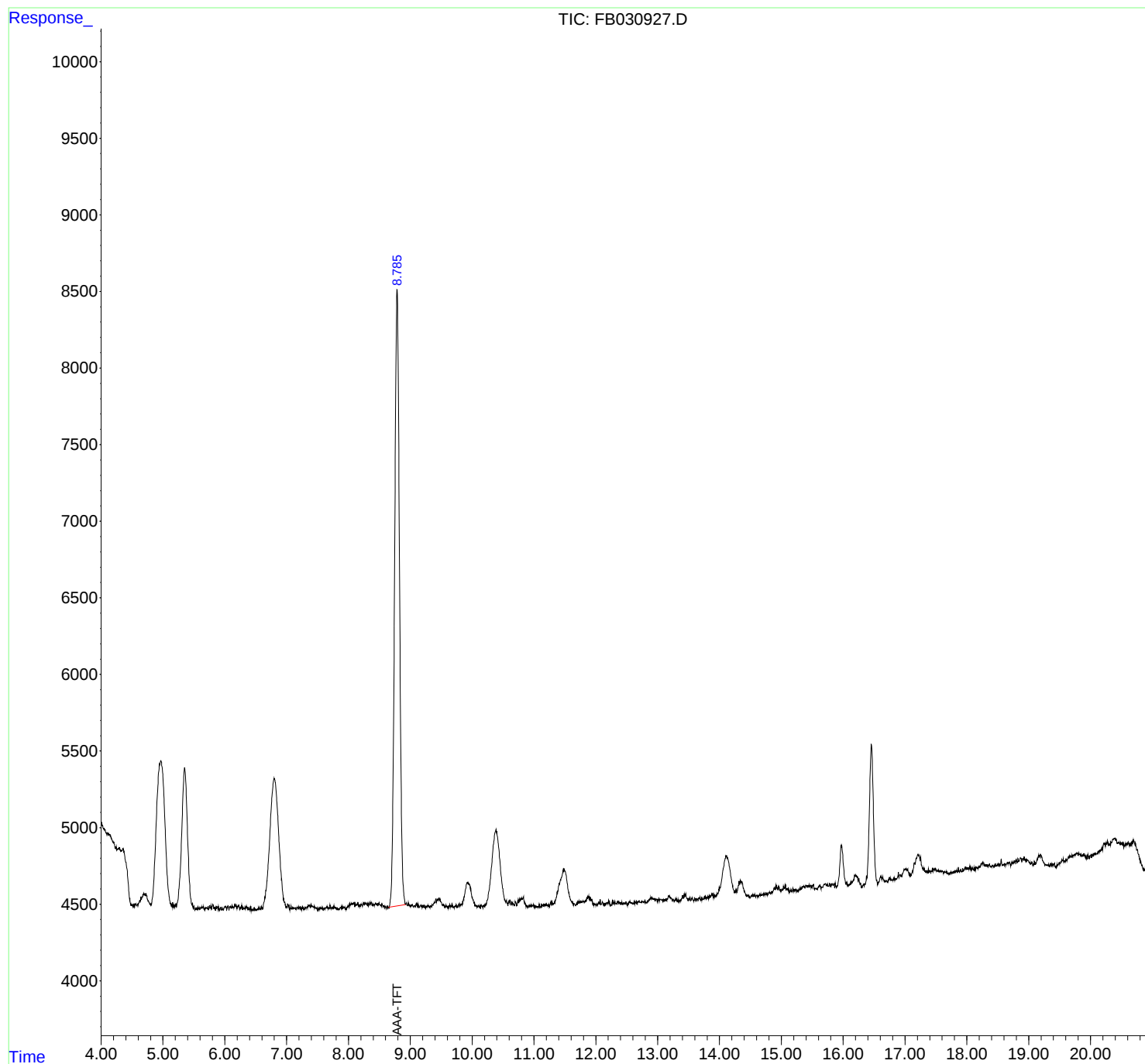
(m)=manual int.

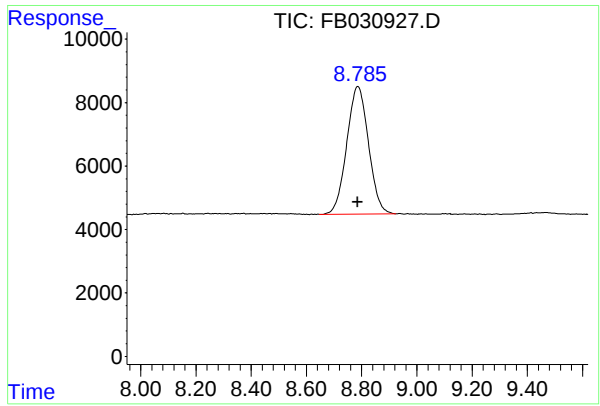
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030927.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 10:26
Operator : YP/AJ
Sample : VBF0919S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0919S2

Integration File: Calibration.e
Quant Time: Sep 20 01:54:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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.: 8.786 min
Delta R.T.: 0.000 min
Response: 219618
Conc: 18.15 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF0919S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030927.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 10:26
Sample : VBF0919S2 50X
Misc : 5.00G/5.00 ML ME0H
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.786	8.645	8.925	BV	4025	219618	100.00%	100.000%
Sum of corrected areas:						219618		

FB082724.M Fri Sep 20 06:09:01 2024

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	BSF0919S1		SDG No.:	P4103	
Lab Sample ID:	BSF0919S1		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
FB030928.D	1	09/19/24 11:05	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	174		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.1		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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030928.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2024 11:05
 Operator : YP/AJ
 Sample : BSF0919S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

FID_B

ClientSampleId :

BSF0919S1

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/20/2024

Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
 Quant Time: Sep 20 01:54:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	8.788	243379	20.116 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.704	536990	30.051 ng/ml
2) t 2,2,4-Trimethylpentane	7.414	521543	28.445 ng/ml
3) t n-Heptane	7.747	188912	10.215 ng/ml
4) t Benzene	7.884	222059	9.829 ng/ml
6) t Toluene	10.616	643471	29.462 ng/ml
7) t Ethylbenzene	13.050	199303	9.521 ng/ml
8) t m-Xylene	13.184	398363	19.199 ng/ml
9) t O-Xylene	13.911	381614	18.935 ng/ml
10) t 1,2,4-Trimethylbenzene	16.186	369933	18.540 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030928.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 11:05
Operator : YP/AJ
Sample : BSF0919S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :

FID_B

Client SampleId :

BSF0919S1

Manual Integrations

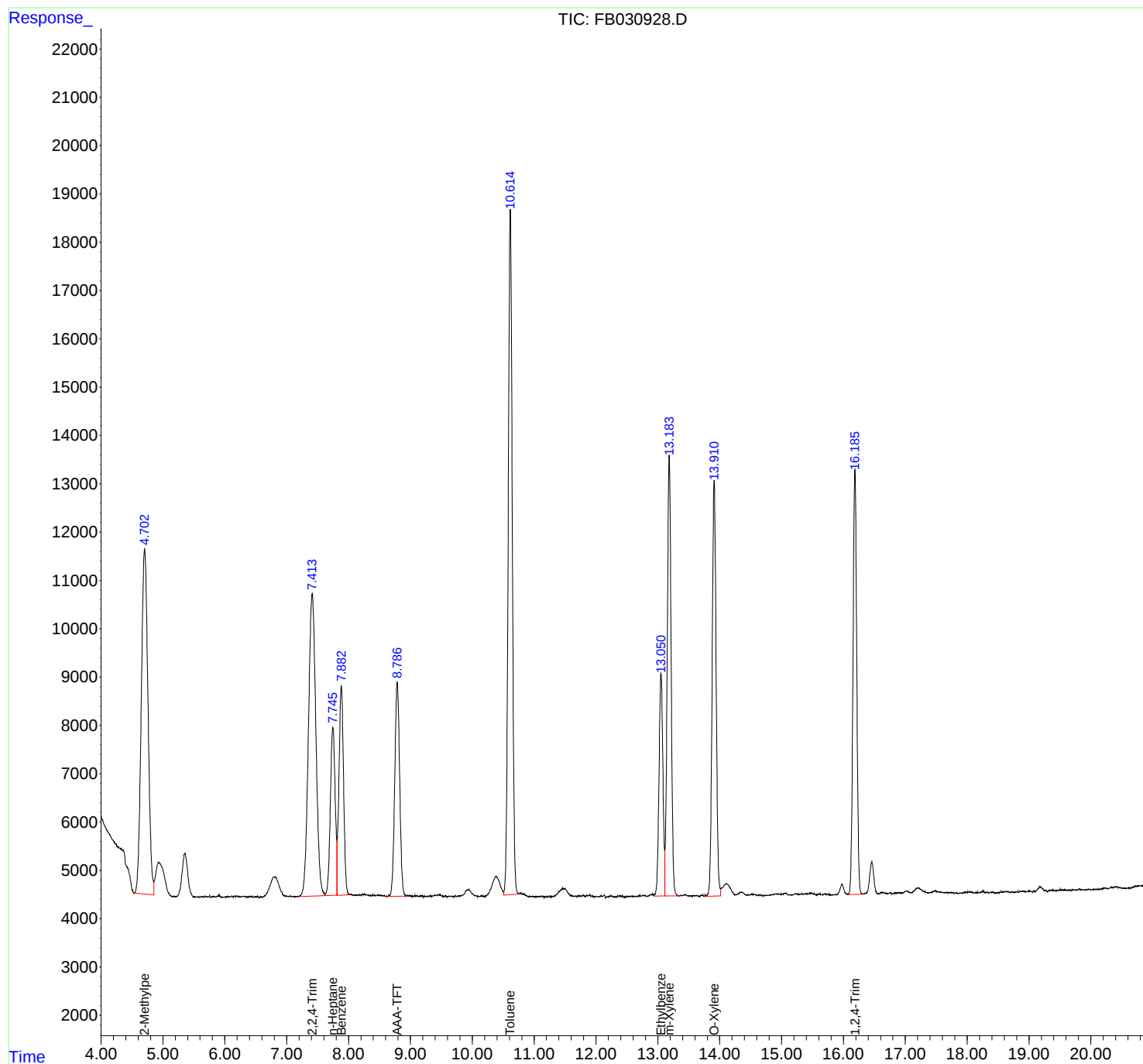
APPROVED

Reviewed By :Yogesh Patel 09/20/2024

Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
Quant Time: Sep 20 01:54:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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 :
BSF0919S1
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB09192
Data File : FB030928.D
Signal(s) : FID2B.CH
Acq On : 19 Sep 2024 11:05
Sample : BSF0919S1
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\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.704	4.526	4.853	BV	7144	536990	83.45%	14.485%
2	7.414	7.179	7.619	BV	6258	521543	81.05%	14.068%
3	7.747	7.619	7.814	VV	3485	188912	29.36%	5.096%
4	7.884	7.814	8.036	VV	4340	222059	34.51%	5.990%
5	8.788	8.609	8.942	BV	4429	243379	37.82%	6.565%
6	10.616	10.510	10.772	VV	14180	643471	100.00%	17.357%
7	13.052	12.793	13.113	BV	4602	201041	31.24%	5.423%
8	13.184	13.113	13.363	VV	9115	398363	61.91%	10.745%
9	13.911	13.756	14.015	BV	8605	381614	59.31%	10.294%
10	16.186	16.071	16.308	VV	8783	369933	57.49%	9.978%

Sum of corrected areas: 3707307

FB082724.M Fri Sep 20 06:09:22 2024

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-23MS	SDG No.:	P4103
Lab Sample ID:	P4103-16MS	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86
Sample Wt/Vol:	5.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030950.D	50	09/20/24 4:30	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	26500		448	2610	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	24.3		50 - 150	122%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030950.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2024 4:30
 Operator : YP/AJ
 Sample : P4103-16MS 50X
 Misc : 5.01G/5.00 ML MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_B

ClientSampleId :

WC-23MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/20/2024

Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
 Quant Time: Sep 20 05:59:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	8.788	294149	24.312 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.703	471654	26.395 ng/mlm
2) t 2,2,4-Trimethylpentane	7.414	806307	43.976 ng/ml
3) t n-Heptane	7.745	247979	13.409 ng/ml
4) t Benzene	7.881	199990	8.852 ng/ml
6) t Toluene	10.615	570587	26.125 ng/ml
7) t Ethylbenzene	13.050	412874	19.723 ng/ml
8) t m-Xylene	13.182	917428	44.216 ng/ml
9) t O-Xylene	13.909	372567	18.486 ng/mlm
10) t 1,2,4-Trimethylbenzene	16.186	957782	48.000 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
Data File : FB030950.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 4:30
Operator : YP/AJ
Sample : P4103-16MS 50X
Misc : 5.01G/5.00 ML MEOH
ALS Vial : 30 Sample Multiplier: 1

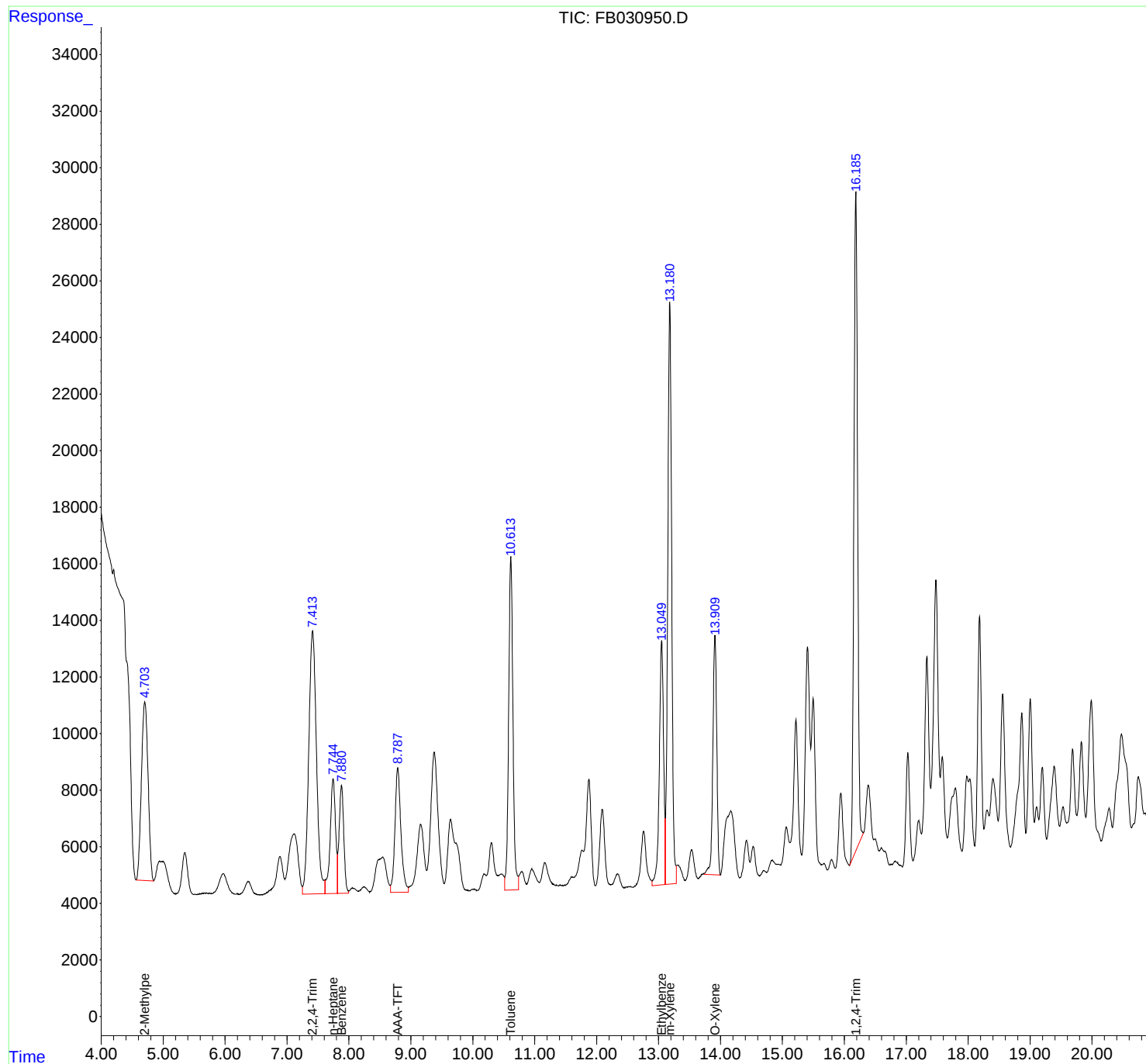
Instrument :
FID_B
ClientSampleId :
WC-23MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
Quant Time: Sep 20 05:59:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Quant Title :
QLast Update : Tue Aug 27 11:54:45 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 :

WC-23MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB09192
Data File : FB030950.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 4:30
Sample : P4103-16MS 50X
Misc : 5.01G/5.00 ML ME0H
ALS Vial : 30 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.704	4.520	4.850	BV	5992	408248	42.73%	4.357%
2	5.508	5.493	5.548	PV	16	225	0.02%	0.002%
3	5.667	5.548	5.681	PV	66	2814	0.29%	0.030%
4	5.697	5.681	5.740	VV	57	1824	0.19%	0.019%
5	5.751	5.740	5.771	VV	63	953	0.10%	0.010%
6	5.784	5.771	5.798	VV	56	749	0.08%	0.008%
7	5.975	5.798	6.180	VV	749	71837	7.52%	0.767%
8	6.199	6.180	6.229	VV	59	928	0.10%	0.010%
9	6.374	6.229	6.561	VV	486	35747	3.74%	0.381%
10	7.115	6.966	7.249	VV	2133	228679	23.94%	2.440%
11	7.413	7.249	7.608	VV	9287	805766	84.34%	8.599%
12	7.745	7.608	7.816	VV	4058	249663	26.13%	2.664%
13	7.881	7.816	7.997	VV	3819	200583	21.00%	2.141%
14	8.057	7.997	8.150	VV	185	11978	1.25%	0.128%
15	8.243	8.150	8.337	VV	218	14756	1.54%	0.157%
16	8.544	8.337	8.666	VV	1258	146636	15.35%	1.565%
17	8.789	8.666	8.967	VV	4399	295828	30.97%	3.157%
18	9.160	8.967	9.256	VV	2383	196965	20.62%	2.102%
19	9.378	9.256	9.539	VV	4929	410520	42.97%	4.381%
20	9.643	9.539	9.944	VV	2542	262740	27.50%	2.804%
21	10.019	9.944	10.076	VV	65	2706	0.28%	0.029%
22	10.188	10.076	10.218	VV	585	28279	2.96%	0.302%
23	10.302	10.218	10.407	VV	1696	111583	11.68%	1.191%
24	10.463	10.407	10.514	VV	569	34847	3.65%	0.372%
25	10.615	10.514	10.737	VV	11786	570861	59.76%	6.092%
26	10.790	10.737	10.870	VV	645	38344	4.01%	0.409%
27	10.955	10.870	11.074	VV	731	57458	6.01%	0.613%
28	11.165	11.074	11.388	VV	948	78387	8.21%	0.837%
29	11.410	11.388	11.466	VV	140	5980	0.63%	0.064%
30	11.875	11.466	11.982	VV	3856	335120	35.08%	3.576%
31	12.092	11.982	12.229	VV	2798	161825	16.94%	1.727%
32	12.339	12.229	12.447	VV	501	32254	3.38%	0.344%
33	12.529	12.447	12.591	PV	39	1559	0.16%	0.017%
34	12.759	12.591	12.895	PV	1957	119643	12.52%	1.277%
35	13.050	12.895	13.109	VV	8622	411671	43.09%	4.393%
36	13.182	13.109	13.429	VV	20552	954926	99.96%	10.191%

					rters								
37	13.534	13.429	13.642	VV	1143	68705	7.19%	0.733%					
38	13.911	13.642	14.002	VV	8653	415401	43.12%	1.032%					
39	14.167	14.002	14.314	VV	2389	256889	26.66%	0.132%					
40	14.421	14.314	14.478	PV	1307	66216	6.66%	0.132%					
41	14.529	14.478	14.630	VV	1074	49683	5.07%	0.517%					
42	14.702	14.630	14.744	PV	185	7810	0.91%	0.093%					
43	14.836	14.744	14.968	VV	528	48478	5.07%	0.517%					
44	15.064	14.968	15.123	VV	1652	96699	10.12%	1.032%					
45	15.219	15.123	15.311	VV	5410	292860	30.66%	3.125%					
46	15.406	15.311	15.459	VV	7930	400967	41.97%	4.279%					
47	15.497	15.459	15.637	VV	6103	273977	28.68%	2.924%					
48	15.670	15.637	15.729	VV	242	8683	0.91%	0.093%					
49	15.795	15.729	15.853	PV	336	12327	1.29%	0.132%					
50	15.944	15.853	16.081	VV	2613	123412	12.92%	1.317%					
51	16.186	16.081	16.304	PV	23283	955325	100.00%	10.195%					
					Sum of corrected areas:	9370319							

Instrument :
FID_B
ClientSampleId :
WC-23MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2024
Supervised By :Ankita Jodhani 09/20/2024

FB082724.M Fri Sep 20 06:33:22 2024

Report of Analysis

Client:	ENTACT	Date Collected:	09/17/24
Project:	North Point	Date Received:	09/18/24
Client Sample ID:	WC-23MSD	SDG No.:	P4103
Lab Sample ID:	P4103-16MSD	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86
Sample Wt/Vol:	5.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030951.D	50	09/20/24 5:09	FB091924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	41000		447	2610	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	25.5		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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091924\
 Data File : FB030951.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2024 5:09
 Operator : YP/AJ
 Sample : P4103-16MSD 50X
 Misc : 5.02G/5.00 ML MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 WC-23MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: Calibration.e
 Quant Time: Sep 20 05:59:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
 Quant Title :
 QLast Update : Tue Aug 27 11:54:45 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	8.789	308500	25.498 ng/mlm
Target Compounds			
1) t 2-Methylpentane	4.700	553162	30.956 ng/mlm
2) t 2,2,4-Trimethylpentane	7.412	1229581	67.062 ng/ml
3) t n-Heptane	7.743	374097	20.228 ng/ml
4) t Benzene	7.879	214219	9.482 ng/ml
6) t Toluene	10.614	632714	28.969 ng/ml
7) t Ethylbenzene	13.049	544873	26.028 ng/ml
8) t m-Xylene	13.180	1164485	56.123 ng/ml
9) t O-Xylene	13.909	405901	20.140 ng/mlm
10) t 1,2,4-Trimethylbenzene	16.185	1376917	69.005 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

nteres

Instrument :

FID_B

ClientSampleId :

WC-23MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB09192
Data File : FB030951.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2024 5:09
Sample : P4103-16MSD 50X
Misc : 5.02G/5.00 ML ME0H
ALS Vial : 31 Sample Multiplier: 1

Reviewed By :Yogesh
Patel

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082724.M
Title :

09/20/2024
Supervised By :Ankita
Jodhani

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max	% of total
1	4.701	4.520	4.849	BV	7132	469040	34.07%	3.259%
2	5.547	5.528	5.563	PV	29	299	0.02%	0.002%
3	5.689	5.563	5.711	VV	52	3149	0.23%	0.022%
4	5.966	5.711	6.162	VV	1800	163212	11.85%	1.134%
5	6.372	6.162	6.557	VV	608	46373	3.37%	0.322%
6	7.113	6.966	7.253	VV	4629	505805	36.74%	3.515%
7	7.412	7.253	7.587	VV	14375	1230740	89.39%	8.552%
8	7.743	7.587	7.819	VV	5734	373275	27.11%	2.594%
9	7.879	7.819	7.993	VV	4048	214594	15.59%	1.491%
10	8.544	8.338	8.669	VV	2830	330865	24.03%	2.299%
11	8.791	8.669	8.952	VV	4403	347535	25.24%	2.415%
12	9.160	8.952	9.256	VV	5202	430003	31.23%	2.988%
13	9.378	9.256	9.537	VV	10712	883535	64.17%	6.139%
14	9.641	9.537	9.927	VV	5502	561367	40.77%	3.901%
15	10.189	10.080	10.219	VV	1211	61613	4.47%	0.428%
16	10.300	10.219	10.406	VV	3818	236591	17.18%	1.644%
17	10.467	10.406	10.520	VV	1072	66984	4.86%	0.465%
18	10.614	10.520	10.736	VV	12495	632341	45.93%	4.394%
19	10.789	10.736	10.868	VV	1256	74145	5.38%	0.515%
20	10.954	10.868	11.071	VV	1410	110552	8.03%	0.768%
21	11.875	11.471	11.981	VV	7780	660482	47.97%	4.589%
22	12.091	11.981	12.240	VV	5740	334031	24.26%	2.321%
23	12.337	12.240	12.444	VV	987	62208	4.52%	0.432%
24	12.511	12.444	12.573	PV	41	2130	0.15%	0.015%
25	12.759	12.573	12.897	PV	4046	248144	18.02%	1.724%
26	13.049	12.897	13.107	VV	10789	543587	39.48%	3.777%
27	13.180	13.107	13.281	VV	25989	1167841	84.82%	8.115%
28	13.533	13.430	13.641	VV	2050	119925	8.71%	0.833%
29	13.910	13.641	13.998	VV	9606	487519	35.41%	3.387%
30	14.170	13.998	14.318	VV	4648	506962	36.82%	3.523%
31	14.420	14.318	14.481	VV	2640	138720	10.07%	0.964%
32	15.065	14.973	15.122	VV	2972	166424	12.09%	1.156%
33	15.218	15.122	15.310	VV	8966	494826	35.94%	3.438%
34	15.405	15.310	15.458	VV	13162	662366	48.11%	4.602%
35	15.496	15.458	15.631	VV	10209	459811	33.40%	3.195%
36	15.943	15.852	16.079	VV	4479	217961	15.83%	1.514%

37 16.185 16.079 16.309 PV 33750 1376885 100.00% 9.567%
rteres
Sum of corrected areas: 143

FB082724.M Fri Sep 20 06:34:04 2024

Instrument :
FID_B
ClientSampleId :
WC-23MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh
Patel

09/20/2024
Supervised By :Ankita
Jodhani

09/20/2024

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
BSF0919S1		FB030928.D	FB091924	Ethylbenzene	Ankita	9/20/2024 8:48:24 AM	Peak Integrated by Software incorrectly
P4103-04		FB030932.D	FB091924	AAA-TFT	Ankita	9/20/2024 8:48:26 AM	Peak Integrated by Software incorrectly
P4103-04		FB030938.D	FB091924	AAA-TFT	Ankita	9/20/2024 8:48:27 AM	Peak Integrated by Software incorrectly
P4103-07		FB030944.D	FB091924	AAA-TFT	Ankita	9/20/2024 8:48:29 AM	Peak Integrated by Software incorrectly
BSF0919S2		FB030945.D	FB091924	AAA-TFT	Ankita	9/20/2024 8:48:30 AM	Peak Integrated by Software incorrectly
BSF0919S2		FB030945.D	FB091924	Ethylbenzene	Ankita	9/20/2024 8:48:30 AM	Peak Integrated by Software incorrectly
BSF0919S2		FB030945.D	FB091924	m-Xylene	Ankita	9/20/2024 8:48:30 AM	Peak Integrated by Software incorrectly
BSF0919S2		FB030945.D	FB091924	O-Xylene	Ankita	9/20/2024 8:48:30 AM	Peak Integrated by Software incorrectly
20 PPB GRO STD		FB030946.D	FB091924	O-Xylene	Ankita	9/20/2024 8:48:33 AM	Peak Integrated by Software incorrectly
P4103-16MS		FB030950.D	FB091924	2-Methylpentane	Ankita	9/20/2024 8:48:34 AM	Peak Integrated by Software incorrectly
P4103-16MS		FB030950.D	FB091924	O-Xylene	Ankita	9/20/2024 8:48:34 AM	Peak Integrated by Software incorrectly
P4103-16MSD		FB030951.D	FB091924	2-Methylpentane	Ankita	9/20/2024 8:48:36 AM	Peak Integrated by Software incorrectly
P4103-16MSD		FB030951.D	FB091924	AAA-TFT	Ankita	9/20/2024 8:48:36 AM	Peak Integrated by Software incorrectly
P4103-16MSD		FB030951.D	FB091924	O-Xylene	Ankita	9/20/2024 8:48:36 AM	Peak Integrated by Software incorrectly
BSF0919S3		FB030952.D	FB091924	Ethylbenzene	Ankita	9/20/2024 8:48:37 AM	Peak Integrated by Software incorrectly
20 PPB GRO STD		FB030953.D	FB091924	O-Xylene	Ankita	9/20/2024 8:48:39 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB082724

Review By	yogesh	Review On	8/27/2024 12:49:44 PM
Supervise By	Ankita	Supervise On	8/28/2024 10:02:28 AM
SubDirectory	FB082724	HP Acquire Method	HP Processing Method FB082724
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23625,PP23626,PP23627,PP23628,PP23629		
CCC Internal Standard/PEM	PP23631,PP23632		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23630		

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB030884.D	27 Aug 2024 8:14	YP/AJ	Ok
2	10 GRO STD	FB030885.D	27 Aug 2024 8:52	YP/AJ	Ok
3	20 GRO STD	FB030886.D	27 Aug 2024 10:09	YP/AJ	Ok
4	50 GRO STD	FB030887.D	27 Aug 2024 10:48	YP/AJ	Ok
5	100 GRO STD	FB030888.D	27 Aug 2024 11:42	YP/AJ	Ok
6	FB082724GROICV	FB030889.D	27 Aug 2024 12:21	YP/AJ	Ok
7	20 PPB GRO STD	FB030890.D	27 Aug 2024 14:18	YP/AJ	Ok
8	VBF0827S1	FB030891.D	27 Aug 2024 15:37	YP/AJ	Ok
9	VBF0827S2	FB030892.D	27 Aug 2024 16:16	YP/AJ	Ok
10	BSF0827S1	FB030893.D	27 Aug 2024 16:56	YP/AJ	Ok
11	P3751-01	FB030894.D	27 Aug 2024 17:35	YP/AJ	Ok
12	P3751-01MS	FB030895.D	27 Aug 2024 19:34	YP/AJ	Ok
13	P3751-01MSD	FB030896.D	27 Aug 2024 20:14	YP/AJ	Ok
14	BSF0827S2	FB030897.D	27 Aug 2024 20:53	YP/AJ	Ok
15	20 PPB GRO STD	FB030898.D	27 Aug 2024 22:12	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB091924

Review By	yogesh	Review On	9/19/2024 3:58:55 PM
Supervise By	Ankita	Supervise On	9/20/2024 8:48:52 AM
SubDirectory	FB091924	HP Acquire Method	HP Processing Method FB082724
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23625,PP23626,PP23627,PP23628,PP23629		
CCC Internal Standard/PEM	PP23670,PP23671,PP23672		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23630		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB030925.D	19 Sep 2024 9:09	YP/AJ	Ok
2	VBF0919S1	FB030926.D	19 Sep 2024 9:47	YP/AJ	Ok
3	VBF0919S2	FB030927.D	19 Sep 2024 10:26	YP/AJ	Ok
4	BSF0919S1	FB030928.D	19 Sep 2024 11:05	YP/AJ	Ok,M
5	P4103-16	FB030929.D	19 Sep 2024 12:21	YP/AJ	Not Ok
6	P4103-16	FB030930.D	19 Sep 2024 13:00	YP/AJ	Not Ok
7	P4103-01	FB030931.D	19 Sep 2024 13:39	YP/AJ	Ok
8	P4103-04	FB030932.D	19 Sep 2024 14:17	YP/AJ	Not Ok
9	P4103-07	FB030933.D	19 Sep 2024 14:56	YP/AJ	Not Ok
10	P4103-10	FB030934.D	19 Sep 2024 15:35	YP/AJ	Not Ok
11	P4103-13	FB030935.D	19 Sep 2024 16:14	YP/AJ	Not Ok
12	20 PPB GRO STD	FB030936.D	19 Sep 2024 16:53	YP/AJ	Ok
13	P4103-01	FB030937.D	19 Sep 2024 18:49	YP/AJ	Not Ok
14	P4103-04	FB030938.D	19 Sep 2024 19:28	YP/AJ	Not Ok
15	P4103-07	FB030939.D	19 Sep 2024 20:07	YP/AJ	Not Ok
16	P4103-10	FB030940.D	19 Sep 2024 20:46	YP/AJ	Not Ok
17	P4103-13	FB030941.D	19 Sep 2024 21:25	YP/AJ	Not Ok
18	P4103-01	FB030942.D	19 Sep 2024 22:03	YP/AJ	Not Ok
19	P4103-04	FB030943.D	19 Sep 2024 22:42	YP/AJ	Ok
20	P4103-07	FB030944.D	19 Sep 2024 23:21	YP/AJ	Dilution
21	BSF0919S2	FB030945.D	20 Sep 2024 00:00	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB091924

Review By	yogesh	Review On	9/19/2024 3:58:55 PM
Supervise By	Ankita	Supervise On	9/20/2024 8:48:52 AM
SubDirectory	FB091924	HP Acquire Method	HP Processing Method FB082724
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23625,PP23626,PP23627,PP23628,PP23629		
CCC Internal Standard/PEM	PP23670,PP23671,PP23672		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23630		

22	20 PPB GRO STD	FB030946.D	20 Sep 2024 00:38	YP/AJ	Ok,M
23	P4103-10	FB030947.D	20 Sep 2024 2:34	YP/AJ	Ok
24	P4103-13	FB030948.D	20 Sep 2024 3:13	YP/AJ	Ok
25	P4103-16	FB030949.D	20 Sep 2024 3:52	YP/AJ	Ok
26	P4103-16MS	FB030950.D	20 Sep 2024 4:30	YP/AJ	Ok,M
27	P4103-16MSD	FB030951.D	20 Sep 2024 5:09	YP/AJ	Ok,M
28	BSF0919S3	FB030952.D	20 Sep 2024 5:47	YP/AJ	Ok,M
29	20 PPB GRO STD	FB030953.D	20 Sep 2024 6:26	YP/AJ	Ok,M
30	P4103-07	FB030954.D	20 Sep 2024 10:03	YP/AJ	Ok
31	BSF0919S4	FB030955.D	20 Sep 2024 10:43	YP/AJ	Ok
32	20 PPB GRO STD	FB030956.D	20 Sep 2024 11:21	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB082724

Review By	yogesh	Review On	8/27/2024 12:49:44 PM
Supervise By	Ankita	Supervise On	8/28/2024 10:02:28 AM
SubDirectory	FB082724	HP Acquire Method	HP Processing Method FB082724
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23625,PP23626,PP23627,PP23628,PP23629		
CCC	PP23631,PP23632		
Internal Standard/PEM			
ICV/I.BLK	PP23535,PP23630		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB030884.D	27 Aug 2024 8:14		YP/AJ	Ok
2	10 GRO STD		FB030885.D	27 Aug 2024 8:52		YP/AJ	Ok
3	20 GRO STD		FB030886.D	27 Aug 2024 10:09		YP/AJ	Ok
4	50 GRO STD		FB030887.D	27 Aug 2024 10:48		YP/AJ	Ok
5	100 GRO STD		FB030888.D	27 Aug 2024 11:42		YP/AJ	Ok
6	FB082724GROICV		FB030889.D	27 Aug 2024 12:21		YP/AJ	Ok
7	20 PPB GRO STD		FB030890.D	27 Aug 2024 14:18		YP/AJ	Ok
8	VBF0827S1		FB030891.D	27 Aug 2024 15:37		YP/AJ	Ok
9	VBF0827S2		FB030892.D	27 Aug 2024 16:16		YP/AJ	Ok
10	BSF0827S1		FB030893.D	27 Aug 2024 16:56		YP/AJ	Ok
11	P3751-01		FB030894.D	27 Aug 2024 17:35	Vial A	YP/AJ	Ok
12	P3751-01MS		FB030895.D	27 Aug 2024 19:34	Vial A	YP/AJ	Ok
13	P3751-01MSD		FB030896.D	27 Aug 2024 20:14	Vial A	YP/AJ	Ok
14	BSF0827S2		FB030897.D	27 Aug 2024 20:53		YP/AJ	Ok
15	20 PPB GRO STD		FB030898.D	27 Aug 2024 22:12		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB091924

Review By	yogesh	Review On	9/19/2024 3:58:55 PM
Supervise By	Ankita	Supervise On	9/20/2024 8:48:52 AM
SubDirectory	FB091924	HP Acquire Method	HP Processing Method FB082724

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23534,PP23625,PP23626,PP23627,PP23628,PP23629
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23670,PP23671,PP23672 PP23535,PP23630

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB030925.D	19 Sep 2024 9:09		YP/AJ	Ok
2	VBF0919S1		FB030926.D	19 Sep 2024 9:47		YP/AJ	Ok
3	VBF0919S2		FB030927.D	19 Sep 2024 10:26		YP/AJ	Ok
4	BSF0919S1		FB030928.D	19 Sep 2024 11:05		YP/AJ	Ok,M
5	P4103-16		FB030929.D	19 Sep 2024 12:21	vial-A ,not purged	YP/AJ	Not Ok
6	P4103-16		FB030930.D	19 Sep 2024 13:00	vial-B ,not purged	YP/AJ	Not Ok
7	P4103-01		FB030931.D	19 Sep 2024 13:39	vial-A ,	YP/AJ	Ok
8	P4103-04		FB030932.D	19 Sep 2024 14:17	vial-A ,not purged	YP/AJ	Not Ok
9	P4103-07		FB030933.D	19 Sep 2024 14:56	vial-A ,not purged	YP/AJ	Not Ok
10	P4103-10		FB030934.D	19 Sep 2024 15:35	vial-A ,not purged	YP/AJ	Not Ok
11	P4103-13		FB030935.D	19 Sep 2024 16:14	vial-A ,not purged	YP/AJ	Not Ok
12	20 PPB GRO STD		FB030936.D	19 Sep 2024 16:53		YP/AJ	Ok
13	P4103-01		FB030937.D	19 Sep 2024 18:49	vial-B , not required	YP/AJ	Not Ok
14	P4103-04		FB030938.D	19 Sep 2024 19:28	vial-B ,not purged	YP/AJ	Not Ok
15	P4103-07		FB030939.D	19 Sep 2024 20:07	vial-B ,not purged	YP/AJ	Not Ok
16	P4103-10		FB030940.D	19 Sep 2024 20:46	vial-B ,not purged	YP/AJ	Not Ok
17	P4103-13		FB030941.D	19 Sep 2024 21:25	vial-B ,not purged	YP/AJ	Not Ok
18	P4103-01		FB030942.D	19 Sep 2024 22:03	vial-C ,not required	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB091924

Review By	yogesh	Review On	9/19/2024 3:58:55 PM
Supervise By	Ankita	Supervise On	9/20/2024 8:48:52 AM
SubDirectory	FB091924	HP Acquire Method	HP Processing Method
			FB082724
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23625,PP23626,PP23627,PP23628,PP23629		
CCC Internal Standard/PEM	PP23670,PP23671,PP23672		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23630		

19	P4103-04		FB030943.D	19 Sep 2024 22:42	vial-C	YP/AJ	Ok
20	P4103-07		FB030944.D	19 Sep 2024 23:21	vial-C, Surrogate fail , need 100x	YP/AJ	Dilution
21	BSF0919S2		FB030945.D	20 Sep 2024 00:00	Possible carryover	YP/AJ	Not Ok
22	20 PPB GRO STD		FB030946.D	20 Sep 2024 00:38		YP/AJ	Ok,M
23	P4103-10		FB030947.D	20 Sep 2024 2:34	vial-C	YP/AJ	Ok
24	P4103-13		FB030948.D	20 Sep 2024 3:13	vial-C	YP/AJ	Ok
25	P4103-16		FB030949.D	20 Sep 2024 3:52	vial-C	YP/AJ	Ok
26	P4103-16MS		FB030950.D	20 Sep 2024 4:30	vial-C	YP/AJ	Ok,M
27	P4103-16MSD		FB030951.D	20 Sep 2024 5:09	vial-C	YP/AJ	Ok,M
28	BSF0919S3		FB030952.D	20 Sep 2024 5:47		YP/AJ	Ok,M
29	20 PPB GRO STD		FB030953.D	20 Sep 2024 6:26		YP/AJ	Ok,M
30	P4103-07		FB030954.D	20 Sep 2024 10:03		YP/AJ	Ok
31	BSF0919S4		FB030955.D	20 Sep 2024 10:43		YP/AJ	Ok
32	20 PPB GRO STD		FB030956.D	20 Sep 2024 11:21		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: sohil
Analyst: jignesh
Date: 9/20/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 09/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 09/20/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB132510

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
P4024-01	DDCD5	1	1.12	8.67	9.79	8.58	86.0	
P4024-02	DDCD5MS	2	1.12	8.67	9.79	8.58	86.0	
P4024-03	DDCD5MSD	3	1.12	8.67	9.79	8.58	86.0	
P4024-04	VHBLK001	4	1.00	1.00	2.00	2.00	100.0	vhblk
P4024-05	DDC36	5	1.16	8.40	9.56	7.77	78.7	
P4024-06	DDCL2	6	1.15	8.66	9.81	8.33	82.9	
P4103-01	WC-22A	7	1.18	8.49	9.67	9.05	92.7	
P4103-04	WC-14-5-7.5A	8	1.15	8.76	9.91	9.02	89.8	
P4103-07	WC-14-5-7.5B	9	1.14	8.83	9.97	9.1	90.1	
P4103-10	WC-14-7.5-10A	10	1.18	8.75	9.93	8.66	85.5	
P4103-13	WC-14-7.5-10B	11	1.14	8.42	9.56	8.56	88.1	
P4103-16	WC-23	12	1.15	8.73	9.88	8.66	86.0	
P4104-01	WC-14-5-7.5A-EPH-1	13	1.19	8.72	9.91	9.1	90.7	
P4104-02	WC-14-5-7.5A-EPH-2	14	1.17	8.61	9.78	8.95	90.4	
P4104-03	WC-14-5-7.5A-EPH-3	15	1.15	8.40	9.55	8.84	91.5	
P4104-04	WC-14-5-7.5A-EPH-4	16	1.12	8.84	9.96	8.48	83.3	
P4104-06	WC-14-5-7.5B-EPH-1	17	1.18	8.77	9.95	9.05	89.7	
P4104-07	WC-14-5-7.5B-EPH-2	18	1.15	8.62	9.77	8.87	89.6	
P4104-08	WC-14-5-7.5B-EPH-3	19	1.13	8.70	9.83	8.85	88.7	
P4104-09	WC-14-5-7.5B-EPH-4	20	1.15	8.82	9.97	8.91	88.0	
P4104-10	WC-14-5-7.5B-EPH-5	21	1.15	8.83	9.98	9.00	88.9	
P4104-11	WC-14-7.5-10A-EPH-1	22	1.15	8.80	9.95	9.19	91.4	
P4104-12	WC-14-7.5-10A-EPH-2	23	1.15	8.76	9.91	8.66	85.7	
P4104-13	WC-14-7.5-10A-EPH-3	24	1.15	8.81	9.96	9.12	90.5	
P4104-14	WC-14-7.5-10A-EPH-4	25	1.19	8.65	9.84	8.8	88.0	
P4104-15	WC-14-7.5-10A-EPH-5	26	1.15	8.41	9.56	8.7	89.8	
P4104-16	WC-14-7.5-10B-EPH-1	27	1.18	8.64	9.82	8.66	86.6	
P4104-17	WC-14-7.5-10B-EPH-2	28	1.15	8.83	9.98	8.75	86.1	

PERCENT SOLID

Supervisor: sohil
Analyst: jignesh
Date: 9/20/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 09/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 09/20/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB132510

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
P4104-18	WC-14-7.5-10B-EPH-3	29	1.15	8.82	9.97	8.93	88.2	
P4104-19	WC-14-7.5-10B-EPH-4	30	1.19	8.57	9.76	8.76	88.3	
P4104-20	WC-14-7.5-10B-EPH-5	31	1.16	8.61	9.77	8.81	88.9	
P4104-21	WC-22A-EPH-1	32	1.15	8.81	9.96	9.44	94.1	
P4104-22	WC-22A-EPH-2	33	1.18	8.50	9.68	8.41	85.1	
P4104-23	WC-22A-EPH-3	34	1.12	8.66	9.78	9.21	93.4	
P4104-24	WC-22A-EPH-4	35	1.16	8.67	9.83	9.2	92.7	
P4104-25	WC-22A-EPH-5	36	1.16	8.70	9.86	9.24	92.9	
P4104-26	WC-23-EPH-1	37	1.17	8.56	9.73	8.72	88.2	
P4104-27	WC-23-EPH-2	38	1.15	8.83	9.98	9.00	88.9	
P4104-28	WC-23-EPH-3	39	1.15	8.81	9.96	8.65	85.1	
P4104-29	WC-23-EPH-4	40	1.15	8.37	9.52	8.56	88.5	
P4104-30	WC-23-EPH-5	41	1.16	8.61	9.77	8.63	86.8	
P4117-01	MOO-SOIL-PILE	42	1.18	8.68	9.86	8.86	88.5	
P4119-01	TRANSFOMER-OIL	43	1.00	1.00	2.00	2.00	100.0	oil sample
P4119-03	OILY-DEBRIS	44	1.00	1.00	2.00	2.00	100.0	oily-debris
P4120-01	T1	45	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4120-03	T2	46	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4120-05	SF-6-A	47	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4120-07	SF-6-B	48	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4120-09	COMP-1	49	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4120-11	COMP-2	50	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4120-13	RB24085	51	1.13	8.82	9.95	4.23	35.1	GEL MARTIX
P4121-01	COMP-1	52	1.13	8.51	9.64	7.12	70.4	
P4121-02	COMP-2	53	1.00	1.00	2.00	2.00	100.0	debris
P4121-03	ELZ-24-00090	54	1.00	1.00	2.00	2.00	100.0	oil sample
P4122-01	FDH013Y-1-1	55	1.00	1.00	2.00	2.00	100.0	oilc
P4122-02	FDH013Y-1-2	56	1.00	1.00	2.00	2.00	100.0	oilc



PERCENT SOLID

Supervisor: sohil
Analyst: jignesh
Date: 9/20/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 09/19/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 09/20/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB132510

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
P4122-03	FDH013Y-2-1	57	1.00	1.00	2.00	2.00	100.0	oilc
P4122-04	FDH013Y-2-2	58	1.00	1.00	2.00	2.00	100.0	oilc
P4123-01	910-B	59	1.13	8.80	9.93	6.38	59.7	
P4123-02	613-D	60	1.00	1.00	2.00	2.00	100.0	debris
P4124-01	2049	61	1.00	1.00	2.00	2.00	100.0	wipe sample
P4124-02	2050	62	1.00	1.00	2.00	2.00	100.0	wipe sample
P4125-01	PL-01-09192024	63	1.15	8.68	9.83	9.53	96.5	
P4125-02	PL-01-09192024-E2	64	1.16	8.44	9.6	9.36	97.2	
P4126-01	NB-08-09192024	65	1.18	8.52	9.7	9.37	96.1	
P4126-02	NB-08-09192024-E2	66	1.11	8.85	9.96	9.27	92.2	

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-091924 WorkList ID : 183634 Department : Wet-Chemistry Date : 09-19-2024 08:44:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4024-01	DDCD5	Solid	Percent Solids	Cool 4 deg C	USEP04	VS-1	09/09/2024	Chemtech -SO
P4024-02	DDCD5MS	Solid	Percent Solids	Cool 4 deg C	USEP04	VS-1	09/09/2024	Chemtech -SO
P4024-03	DDCD5MSD	Solid	Percent Solids	Cool 4 deg C	USEP04	VS-1	09/09/2024	Chemtech -SO
P4024-04	VHBLK001	Solid	Percent Solids	Cool 4 deg C	USEP04	VS-1	09/14/2024	Chemtech -SO
P4024-05	DDC36	Solid	Percent Solids	Cool 4 deg C	USEP04	VS-1	09/06/2024	Chemtech -SO
P4024-06	DDCL2	Solid	Percent Solids	Cool 4 deg C	USEP04	VS-1	09/10/2024	Chemtech -SO
P4103-01	WC-22A	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4103-04	WC-14-5-7.5A	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4103-07	WC-14-5-7.5B	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4103-10	WC-14-7.5-10A	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4103-13	WC-14-7.5-10B	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4103-16	WC-23	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-01	WC-14-5-7.5A-EPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-02	WC-14-5-7.5A-EPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-03	WC-14-5-7.5A-EPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-04	WC-14-5-7.5A-EPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-06	WC-14-5-7.5B-EPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-07	WC-14-5-7.5B-EPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-08	WC-14-5-7.5B-EPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-09	WC-14-5-7.5B-EPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-10	WC-14-5-7.5B-EPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO

Date/Time 09-19-24 15:30 Date/Time 09-19-24 17:25
 Raw Sample Received by: J.C. Ser Raw Sample Received by: J.C. Ser
 Raw Sample Relinquished by: J.C. Ser Raw Sample Relinquished by: J.C. Ser

WORKLIST(Hardcopy Internal Chain)

132510

WorkList Name : %1-091924 WorkList ID : 183634 Department : Wet-Chemistry Date : 09-19-2024 08:44:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4104-11	WC-14-7.5-10A-EPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-12	WC-14-7.5-10A-EPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-13	WC-14-7.5-10A-EPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-14	WC-14-7.5-10A-EPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-15	WC-14-7.5-10A-EPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-16	WC-14-7.5-10B-EPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-17	WC-14-7.5-10B-EPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-18	WC-14-7.5-10B-EPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-19	WC-14-7.5-10B-EPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-20	WC-14-7.5-10B-EPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-21	WC-22A-EPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-22	WC-22A-EPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-23	WC-22A-EPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-24	WC-22A-EPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-25	WC-22A-EPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-26	WC-23-EPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-27	WC-23-EPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-28	WC-23-EPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-29	WC-23-EPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4104-30	WC-23-EPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	J11	09/17/2024	Chemtech -SO
P4117-01	MOO-SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	08/23/2024	Chemtech -SO

Date/Time 09-19-24 15:30
 Raw Sample Received by: J.C. C...
 Raw Sample Relinquished by: J.C. C...
 Date/Time 09-19-24 17:45
 Raw Sample Received by: J.C. C...
 Raw Sample Relinquished by: J.C. C...

WORKLIST(Hardcopy Internal Chain)

132510

WorkList Name : %1-091924 WorkList ID : 183634 Department : Wet-Chemistry Date : 09-19-2024 08:44:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4119-01	TRANSFORMER-OIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/19/2024	Chemtech -SO
P4119-03	OILY-DEBRIS	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/19/2024	Chemtech -SO
P4120-01	T1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4120-03	T2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4120-05	SF-6-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4120-07	SF-6-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4120-09	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4120-11	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4120-13	RB24085	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4121-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4121-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4121-03	ELZ-24-00090	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4122-01	FDH013Y-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4122-02	FDH013Y-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4122-03	FDH013Y-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4122-04	FDH013Y-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J13	09/19/2024	Chemtech -SO
P4123-01	910-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J21	09/19/2024	Chemtech -SO
P4123-02	613-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J21	09/19/2024	Chemtech -SO
P4124-01	2049	Solid	Percent Solids	Cool 4 deg C	PSEG03	J21	09/19/2024	Chemtech -SO
P4124-02	2050	Solid	Percent Solids	Cool 4 deg C	PSEG03	J21	09/19/2024	Chemtech -SO
P4125-01	PL-01-09192024	Solid	Percent Solids	Cool 4 deg C	PSEG05	J21	09/19/2024	Chemtech -SO

Date/Time 09-19-24 15:30
Raw Sample Received by: SP WCL
Raw Sample Relinquished by: J.C. sum

Date/Time 09-19-24
Raw Sample Received by: J.C. sum
Raw Sample Relinquished by: SP WCL

WORKLIST(Hardcopy Internal Chain)

132510

WorkList Name : %1-091924 WorkList ID : 183634 Department : Wet-Chemistry Date : 09-19-2024 08:44:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4125-02	PL-01-09192024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	J21	09/19/2024	Chemtech -SO
P4126-01	NB-08-09192024	Solid	Percent Solids	Cool 4 deg C	PSEG05	J21	09/19/2024	Chemtech -SO
P4126-02	NB-08-09192024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	J21	09/19/2024	Chemtech -SO

Date/Time 09-19-24 15:30
Raw Sample Received by: J.C. (son)
Raw Sample Relinquished by: J.C. (son)

Date/Time 09-19-24 17:25
Raw Sample Received by: J.C. (son)
Raw Sample Relinquished by: J.C. (son)



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

NO. 1 OF 5

P4103

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD											COMMENTS		
LOCATION	ATTN	ADDRESS	PROJECT	BILLING INFORMATION	BILL TO	ADDRESS	PHONE	FAX	PO#	NUMBER OF CONTAINERS	TCL + 20 SVOCs (8270)	TAL Metals + Boron & Tin (6010/7471)	Full TCLP + TCLP Cu, Ni & Zn (1311/8270/8081/8151/6010/7471)	RCRA Characteristics I/C/R (1030/9045/D/Ch 7 rev3)	PCBs (8082); Hex Chromium (7196)	Ammonia-Nitrogen (ASTM/SM4500H); COD (ASTM/5220D); Oil & Grease (ASTM/1664);	Total Solids (ASTM/SM2540G); Total Volatile Solids (160.4)		TCL+10 VOCs (8260); TCLP VOCs (1311/8260); TPH DRO & GRO (8015)	Tox (9020 or 9023)
ENTACT LLC	Wyatt Seel	150 Bay Street, Suite 801 Jersey City, NJ	North Point		ENTACT LLC	999 Oakmont Plaza Drive Suite 300 Westmont, IL 60559	630-986-2900		E9306											
WC-22A	Waste characterization	9/17	11:40	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_5_7.5A	Waste characterization	9/17	11:50	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_5_7.5B	Waste characterization	9/17	13:30	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_7.5_10A	Waste characterization	9/17	12:35	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-14_7.5_10B	Waste characterization	9/17	14:20	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
WC-23	Waste characterization	9/17	14:45	Soil	C	8/4oz Jar	9	X	X	X	X	X	X	X	X	X	X	X	X	See Full List Attached
SAMPLER		W. Seel		SHIPMENT		courier		AIRBILL												
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: _____																		
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY		DATE		3. RELINQUISHED BY		DATE										
SIGNATURE: <i>Wyatt Seel</i>		09-18-24		SIGNATURE:				SIGNATURE:												
PRINTED NAME/COMPANY: Wyatt Seel		14:10		PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:												
1. RECEIVED BY		DATE		2. RECEIVED BY		DATE		3. RECEIVED BY		DATE										
SIGNATURE: <i>Benova</i>		9-18-24		SIGNATURE:				SIGNATURE:												
PRINTED NAME/COMPANY: Benova		14:10		PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:												

Parameter	Test Method
TCL + 10 VOCs	8270D
TCL + 20 SVOCs	8260B
TAL Metals (+Boron, Tin)	6010/7471
Hexavalent Chromium (Cr+6)	7196
Total Cyanide	9014
TCLP VOCs	1311/8260B
TCLP SVOCs	1311/8270D
TCLP Metals (+ Beryllium, Copper, Nickel, Zinc)	1311/6010/7471
TCLP Pesticides/Herbicides	1311/8080/8151
RCRA Characteristics (Ignitability, Corrosivity, Reactive Sulfide/Cyanide)	SW 846 1030 SW 846/9045D SW 846 7.3.3.2 Rev. 3
PCBs	8082A
TPH/DRO & GRO	8015D
TOX	9020 or 9023
Paint Filter	9095



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 (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
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 : P4103 ENTA05

Client Name : ENTACT

Client Contact : Chris Lawrence

Invoice Name : ENTACT

Invoice Contact : Chris Lawrence

Order Date : 9/18/2024 3:16:00 PM

North Point

Project Name : CMC-CTV2 #E9322

Receive Date/Time : 9/18/2024 2:10:00 PM

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
P4103-01	WC-22A	Solid	09/17/2024	11:40					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-07	WC-14-5-7.5B	Solid	09/17/2024	13:30					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-10	WC-14-7.5-10A	Solid	09/17/2024	12:35					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-13	WC-14-7.5-10B	Solid	09/17/2024	14:20					
					VOC-TCLVOA-10		8260D		5 Bus. Days
P4103-16	WC-23	Solid	09/17/2024	14:45					
p4103-04	WC-14-5-7.5A	solid	09/17/2024	11:50am					
					VOC-TCLVOA-10		8260D		5 Bus. Days
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By : ch

Date / Time : 9-18-24 16:25

Received By : JC

Date / Time : 9/18/24 16:25

Storage Area : VOA Refridgerator Room