

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

LAB CHRONICLE

OrderID:	P4721	OrderDate:	11/5/2024 3:27:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4721-01	EX-2-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02	EX-2-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-03	EX-2-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-04	EX-11-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05	EX-11-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05DL	EX-11-TPH-2DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	

LAB CHRONICLE

P4721-06	EX-11-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-07	EX-11-TPH-4	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
P4721-08	EX-9-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
P4721-09	EX-9-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
P4721-10	EX-9-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
P4721-11	EX-9-TPH-4	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-12	EX-9-TPH-5	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/08/24	
			EPH	NJEPH		11/08/24	11/08/24	
P4721-13	EX-9-TPH-6	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	

LAB CHRONICLE

			EPH	NJEPH		11/08/24	11/08/24	
P4721-14	EX-9-TPH-7	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/08/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-14DL	EX-9-TPH-7DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-14DL 2	EX-9-TPH-7DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-15	EX-9-TPH-8	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	



QC SUMMARY

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: ENTACT
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF1106S2	86				0
BSF1106S1	86				0
EX-2-TPH-3	253 *				1
BSF1106S2	78				0
EX-11-TPH-4	338 *				1
EX-9-TPH-1	92				0
EX-9-TPH-2	190 *				1
EX-9-TPH-3	209 *				1
EX-9-TPH-6	113				0
VBF1107S1	86				0
VBF1107S2	92				0
BSF1107S1	80				0
EX-9-TPH-8	101				0
EX-2-TPH-1	147				0
EX-2-TPH-2	443 *				1
EX-11-TPH-1	180 *				1
EX-11-TPH-2	299 *				1
EX-11-TPH-3	191 *				1
EX-9-TPH-4	175 *				1
EX-9-TPH-5	128				0
EX-9-TPH-7	138				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 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4721 **SAS No :** P4721 **SDG No:** P4721
Matrix Spike - EPA Sample No : BSF1106S1 **Datafile:** FB031107.D

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

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4721 **SAS No :** P4721 **SDG No:** P4721
Matrix Spike - EPA Sample No : BSF1106S2 **Datafile:** FB031114.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	182	101	50-150

LCS/LCSD % Recovery RPD : 4.4

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4721 **SAS No :** P4721 **SDG No:** P4721
Matrix Spike - EPA Sample No : BSF1106S3 **Datafile:** FB031125.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	217	121	50-150

LCS/LCSD % Recovery RPD : 22.0

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4721 **SAS No :** P4721 **SDG No:** P4721
Matrix Spike - EPA Sample No : BSF1107S1 **Datafile:** FB031130.D

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

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4721 **SAS No :** P4721 **SDG No:** P4721
Matrix Spike - EPA Sample No : BSF1107S3 **Datafile:** FB031148.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	182	101	50-150

LCS/LCSD % Recovery RPD : 7.4

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1106S2

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4721

SAS No.: P4721 SDG NO.: P4721

Lab File ID: FB031106.D

Lab Sample ID: VBF1106S2

Date Analyzed: 11/06/24

Time Analyzed: 15:18

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

COMMENTS:

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1107S1

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4721

SAS No.: P4721 SDG NO.: P4721

Lab File ID: FB031128.D

Lab Sample ID: VBF1107S1

Date Analyzed: 11/07/24

Time Analyzed: 10:54

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

COMMENTS:

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1107S2

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4721

SAS No.: P4721 SDG NO.: P4721

Lab File ID: FB031129.D

Lab Sample ID: VBF1107S2

Date Analyzed: 11/07/24

Time Analyzed: 11:21

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
20 PPB GRO STD	20 PPB GRO STD	FB031104.D	11/06/24
BSF1106S1	BSF1106S1	FB031107.D	11/06/24
EX-2-TPH-3	P4721-03	FB031110.D	11/06/24
BSF1106S2	BSF1106S2	FB031114.D	11/06/24
20 PPB GRO STD	20 PPB GRO STD	FB031115.D	11/06/24
EX-11-TPH-4	P4721-07	FB031116.D	11/06/24
EX-9-TPH-1	P4721-08	FB031117.D	11/06/24
EX-9-TPH-2	P4721-09	FB031118.D	11/06/24
EX-9-TPH-3	P4721-10	FB031119.D	11/06/24
EX-9-TPH-6	P4721-13	FB031122.D	11/06/24
20 PPB GRO STD	20 PPB GRO STD	FB031126.D	11/07/24
20 PPB GRO STD	20 PPB GRO STD	FB031127.D	11/07/24
BSF1107S1	BSF1107S1	FB031130.D	11/07/24
20 PPB GRO STD	20 PPB GRO STD	FB031137.D	11/07/24
EX-9-TPH-8	P4721-15	FB031140.D	11/07/24
EX-2-TPH-1	P4721-01	FB031141.D	11/07/24
EX-2-TPH-2	P4721-02	FB031142.D	11/07/24
EX-11-TPH-1	P4721-04	FB031143.D	11/07/24
EX-11-TPH-2	P4721-05	FB031144.D	11/07/24
EX-11-TPH-3	P4721-06	FB031145.D	11/07/24
EX-9-TPH-4	P4721-11	FB031146.D	11/07/24
20 PPB GRO STD	20 PPB GRO STD	FB031149.D	11/07/24
20 PPB GRO STD	20 PPB GRO STD	FB031160.D	11/08/24
EX-9-TPH-5	P4721-12	FB031163.D	11/08/24

COMMENTS: _____

METHOD BLANK SUMMARY

EPA SAMPLE NO.

20 PPB GRO STD

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4721

SAS No.: P4721 SDG NO.: P4721

Lab File ID: FB031164.D

Lab Sample ID: 20 PPB GRO STD

Date Analyzed: 11/08/24

Time Analyzed: 10:36

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

Heated Purge: (Y/N) N

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
20 PPB GRO STD	20 PPB GRO STD	FB031164.D	11/08/24
EX-9-TPH-7	P4721-14	FB031166.D	11/08/24
20 PPB GRO STD	20 PPB GRO STD	FB031168.D	11/08/24

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.7
Sample Wt/Vol:	7.84	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
FB031141.D	250	11/07/24 17:36	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	76500		1420	8280	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	29.4		50 - 150	147%	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\FB110724\
Data File : FB031141.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 17:36
Operator : YP/AJ
Sample : P4721-01 250X
Misc : 7.84G/5.00 ML MEOH
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :Ankita Jodhani 11/08/2024

Integration File: Calibration.e
Quant Time: Nov 08 02:47:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.802	812052	29.419 ng/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031141.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 17:36
Operator : YP/AJ
Sample : P4721-01 250X
Misc : 7.84G/5.00 ML MEOH
ALS Vial : 17 Sample Multiplier: 1

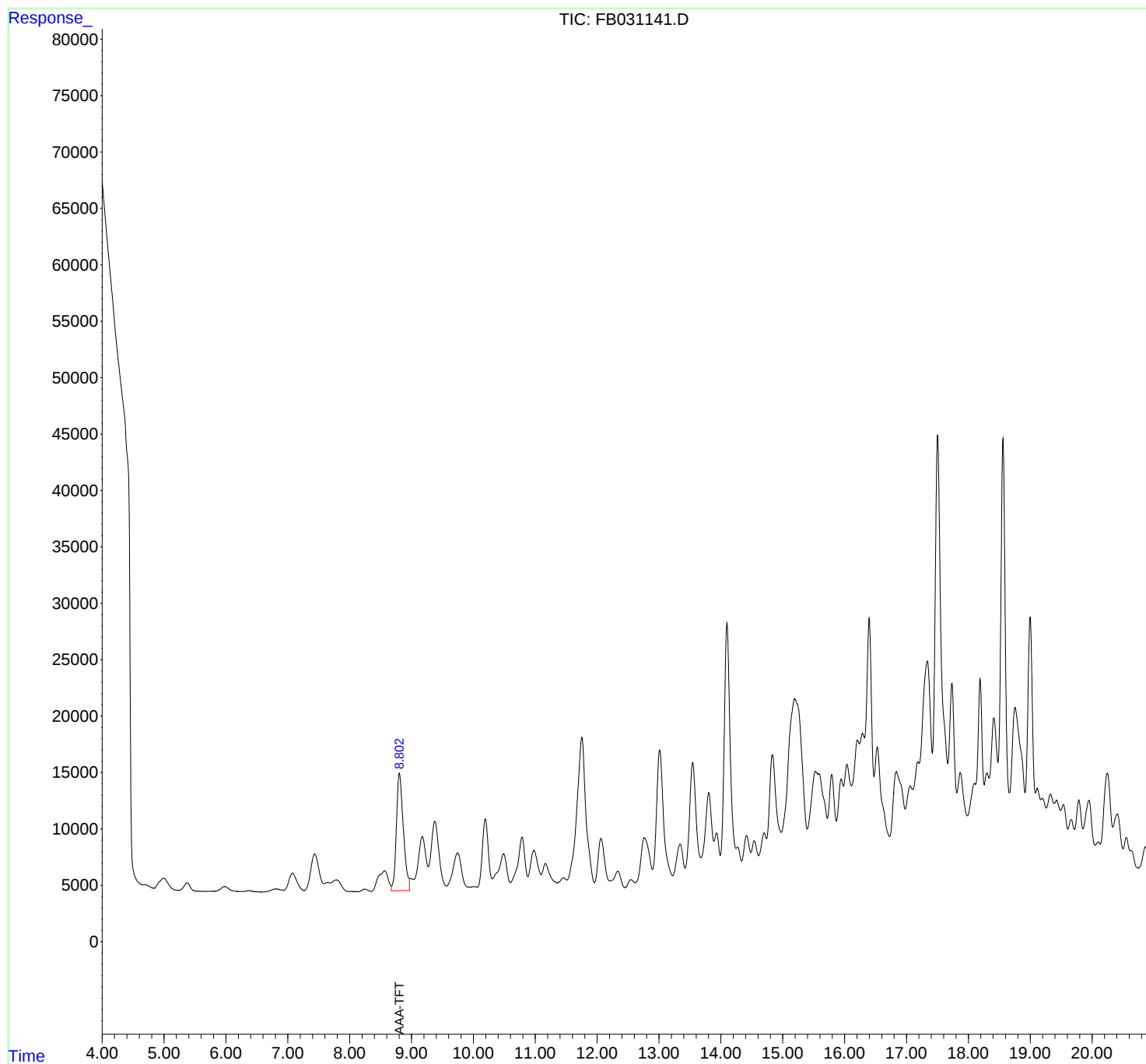
Instrument :
FID_B
ClientSampleId :
EX-2-TPH-1

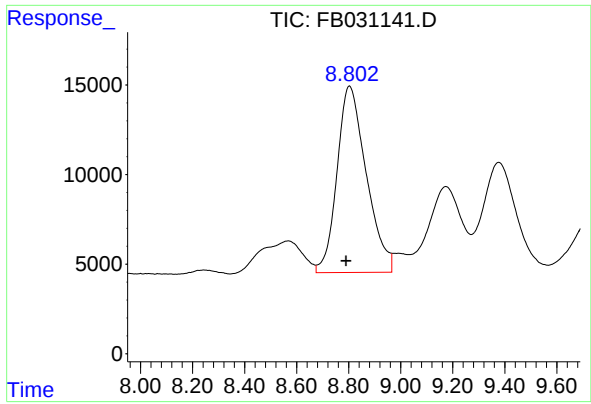
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :Ankita Jodhani 11/08/2024

Integration File: Calibration.e
Quant Time: Nov 08 02:47:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.802 min
Delta R.T.: 0.012 min
Response: 812052
Conc: 29.42 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :Ankita Jodhani 11/08/2024

Instrument :

FID_B

ClientSampleId :

EX-2-TPH-1

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB11072
Data File : FB031141.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 17:36
Sample : P4721-01 250X
Misc : 7.84G/5.00 ML ME0H
ALS Vial : 17 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :Ankita Jodhani 11/08/2024

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.656	4.621	4.665	BV	-3	10	0.00%	0.000%
2	4.680	4.665	4.841	VV	38	3671	0.15%	0.019%
3	5.537	5.529	5.545	PV	10	64	0.00%	0.000%
4	5.552	5.545	5.561	VV	11	62	0.00%	0.000%
5	5.569	5.561	5.608	PV	13	207	0.01%	0.001%
6	5.628	5.608	5.673	VV	18	394	0.02%	0.002%
7	5.683	5.673	5.697	PV	7	72	0.00%	0.000%
8	5.732	5.697	5.765	VV	25	646	0.03%	0.003%
9	5.784	5.765	5.812	VV	33	614	0.02%	0.003%
10	5.846	5.812	5.856	VV	60	985	0.04%	0.005%
11	5.976	5.856	6.172	VV	444	41977	1.69%	0.214%
12	6.187	6.172	6.207	VV	52	772	0.03%	0.004%
13	6.216	6.207	6.235	VV	40	582	0.02%	0.003%
14	6.245	6.235	6.277	VV	46	807	0.03%	0.004%
15	6.378	6.277	6.387	VV	114	4669	0.19%	0.024%
16	6.398	6.387	6.455	VV	112	2799	0.11%	0.014%
17	6.462	6.455	6.470	VV	29	193	0.01%	0.001%
18	6.482	6.470	6.491	VV	30	275	0.01%	0.001%
19	6.498	6.491	6.519	VV	27	278	0.01%	0.001%
20	6.604	6.519	6.619	PV	14	222	0.01%	0.001%
21	7.079	6.927	7.260	VV	1653	157046	6.33%	0.800%
22	7.435	7.260	7.588	VV	3362	324512	13.08%	1.653%
23	7.645	7.588	7.691	VV	844	49211	1.98%	0.251%
24	7.793	7.691	7.989	VV	1052	110906	4.47%	0.565%
25	8.000	7.989	8.055	VV	46	1245	0.05%	0.006%
26	8.069	8.055	8.139	VV	24	790	0.03%	0.004%
27	8.245	8.139	8.348	PV	227	14148	0.57%	0.072%
28	8.568	8.348	8.675	VV	1826	207793	8.37%	1.059%
29	8.803	8.675	9.032	VV	10461	862749	34.76%	4.395%
30	9.174	9.032	9.272	VV	4813	426295	17.18%	2.172%
31	9.377	9.272	9.569	VV	6142	557626	22.47%	2.841%
32	9.746	9.569	9.954	VV	3315	336399	13.56%	1.714%
33	10.018	9.954	10.062	VV	296	17496	0.71%	0.089%
34	10.193	10.062	10.307	VV	6295	434559	17.51%	2.214%
35	10.489	10.307	10.600	VV	3162	320469	12.91%	1.633%
36	10.786	10.600	10.882	VV	4624	392507	15.82%	2.000%

37	10.979	10.882	11.099	VV	3440	299532	12.07%	1.526%
38	11.166	11.099	11.357	VV	2252	202524		
39	11.457	11.357	11.513	VV	954	71716		
40	11.754	11.513	11.957	VV	13392	1429625		
41	12.063	11.957	12.209	VV	4399	336375		
42	12.335	12.209	12.448	VV	1461	116443		
43	12.548	12.448	12.616	PV	616	35688	1.44%	0.182%
44	12.766	12.616	12.894	VV	4147	387968	15.63%	1.977%
45	13.012	12.894	13.221	VV	11680	926138	37.32%	4.718%
46	13.341	13.221	13.421	VV	3038	214824	8.66%	1.094%
47	13.544	13.421	13.677	VV	10085	756221	30.47%	3.853%
48	13.804	13.677	13.889	VV	7180	541450	21.82%	2.759%
49	13.930	13.889	13.990	VV	3502	169246	6.82%	0.862%
50	14.099	13.990	14.336	VV	21902	1550539	62.48%	7.900%
51	14.416	14.336	14.485	VV	2824	168323	6.78%	0.858%
52	14.541	14.485	14.611	VV	2244	123584	4.98%	0.630%
53	14.700	14.611	14.739	VV	2811	156034	6.29%	0.795%
54	14.833	14.739	14.975	VV	9610	779059	31.39%	3.969%
55	15.195	14.975	15.396	VV	14204	2237441	90.16%	11.399%
56	15.533	15.396	15.721	VV	7496	1075008	43.32%	5.477%
57	15.792	15.721	15.868	VV	6969	431408	17.38%	2.198%
58	15.946	15.868	15.979	VV	6429	339603	13.68%	1.730%
59	16.039	15.979	16.111	VV	7651	524789	21.15%	2.674%
60	16.397	16.111	16.501	VBA	20258	2481705	100.00%	12.644%

Sum of corrected areas: 19628294

FB102824.M Fri Nov 08 04:06:55 2024

Instrument :

FID_B

ClientSampleId :

EX-2-TPH-1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :Ankita Jodhani 11/08/2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83
Sample Wt/Vol:	7.38	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
FB031142.D	250	11/07/24 18:03	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	144000		1580	9180	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	88.5	*	50 - 150	443%	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\FB110724\
Data File : FB031142.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:03
Operator : YP/AJ
Sample : P4721-02 250X
Misc : 7.38G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 08 02:47:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.847	2444243	88.550 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

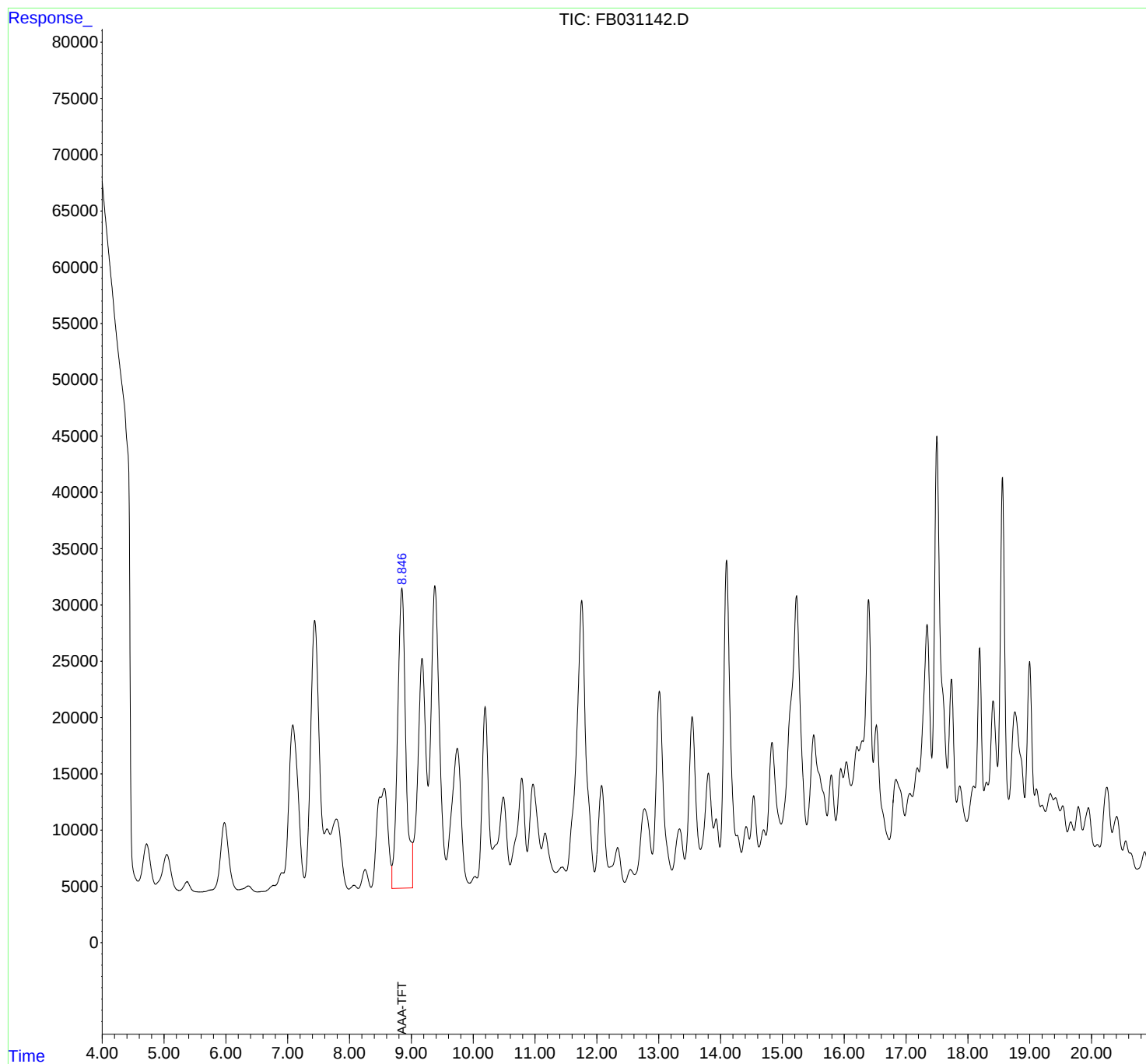
(m)=manual int.

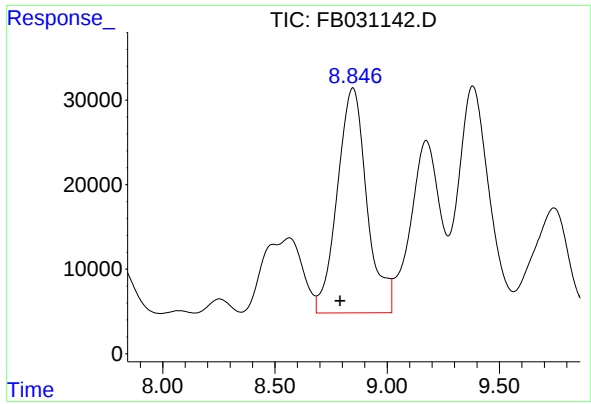
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031142.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:03
Operator : YP/AJ
Sample : P4721-02 250X
Misc : 7.38G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 08 02:47:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.847 min
Delta R.T.: 0.057 min
Response: 2444243
Conc: 88.55 ng/ml

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

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031142.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:03
Sample : P4721-02 250X
Misc : 7.38G/5.00 ML ME0H
ALS Vial : 18 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.554	4.865	BV	3425	252738	9.15%	0.734%
2	5.576	5.562	5.588	PV	14	155	0.01%	0.000%
3	5.978	5.588	6.221	VV	6169	597264	21.62%	1.735%
4	6.367	6.221	6.522	VV	535	49995	1.81%	0.145%
5	6.574	6.522	6.589	PV	45	922	0.03%	0.003%
6	7.084	6.930	7.272	VV	14762	1565461	56.66%	4.548%
7	7.437	7.272	7.592	VV	24003	2336874	84.58%	6.790%
8	7.637	7.592	7.689	VV	5451	305713	11.06%	0.888%
9	7.788	7.689	7.990	VV	6301	673107	24.36%	1.956%
10	8.074	7.990	8.142	VV	367	20296	0.73%	0.059%
11	8.253	8.142	8.349	VV	1751	110507	4.00%	0.321%
12	8.563	8.349	8.684	VV	8932	1090099	39.45%	3.167%
13	8.847	8.684	9.023	VV	26637	2449789	88.66%	7.118%
14	9.174	9.023	9.272	VV	20370	1835328	66.42%	5.332%
15	9.381	9.272	9.564	VV	26779	2539089	91.90%	7.377%
16	9.743	9.564	9.947	VV	12303	1326233	48.00%	3.853%
17	10.030	9.947	10.061	VV	880	44628	1.62%	0.130%
18	10.194	10.061	10.313	VV	15910	1138459	41.20%	3.308%
19	10.488	10.313	10.598	VV	7862	807572	29.23%	2.346%
20	10.786	10.598	10.875	VV	9509	871621	31.55%	2.532%
21	10.969	10.875	11.103	VV	8942	823943	29.82%	2.394%
22	11.164	11.103	11.337	VV	4565	386831	14.00%	1.124%
23	11.441	11.337	11.501	VV	1501	127363	4.61%	0.370%
24	11.755	11.501	11.964	VV	25154	2763020	100.00%	8.028%
25	12.078	11.964	12.204	VV	8664	644108	23.31%	1.871%
26	12.337	12.204	12.450	VV	3118	251963	9.12%	0.732%
27	12.544	12.450	12.612	PV	1002	57310	2.07%	0.167%
28	12.772	12.612	12.896	VV	6088	597800	21.64%	1.737%
29	13.012	12.896	13.215	VV	16178	1245872	45.09%	3.620%
30	13.337	13.215	13.421	VV	3506	240764	8.71%	0.700%
31	13.542	13.421	13.677	VV	13157	925338	33.49%	2.688%
32	13.804	13.677	13.888	VV	7789	560800	20.30%	1.629%
33	13.928	13.888	13.989	VV	3566	162975	5.90%	0.474%
34	14.098	13.989	14.338	VV	26277	1840419	66.61%	5.347%
35	14.416	14.338	14.467	PV	2157	100633	3.64%	0.292%
36	14.537	14.467	14.623	VV	4707	218678	7.91%	0.635%

					rteres				
37	14.698	14.623	14.734	PV	1387	55968	2.03%	0.163%	
38	14.833	14.734	14.980	VV	8895	647746	23.44%	1.882%	
39	15.229	14.980	15.395	VV	21184	2295826	83.09%	6.670%	
40	15.508	15.395	15.723	VV	8283	819672	29.67%	2.381%	
41	15.792	15.723	15.866	VV	4191	189886	6.87%	0.552%	
42	15.948	15.866	15.985	PV	3907	171602	6.21%	0.499%	
43	16.036	15.985	16.112	VV	3762	204046	7.38%	0.593%	
44	16.209	16.112	16.238	VV	3619	182216	6.59%	0.529%	
45	16.394	16.238	16.471	VV	15117	887908	32.14%	2.580%	

Sum of corrected areas: 34418536

FB102824.M Fri Nov 08 04:07:21 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.3
Sample Wt/Vol:	5.66	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
FB031110.D	50	11/06/24 17:06	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	29400		386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	50.6	*	50 - 150	253%	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\FB110624\
Data File : FB031110.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 17:06
Operator : YP/AJ
Sample : P4721-03 50X
Misc : 5.66G/5.00 ML MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-2-TPH-3

Integration File: Calibration.e
Quant Time: Nov 07 01:52:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.828	1396553	50.594 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

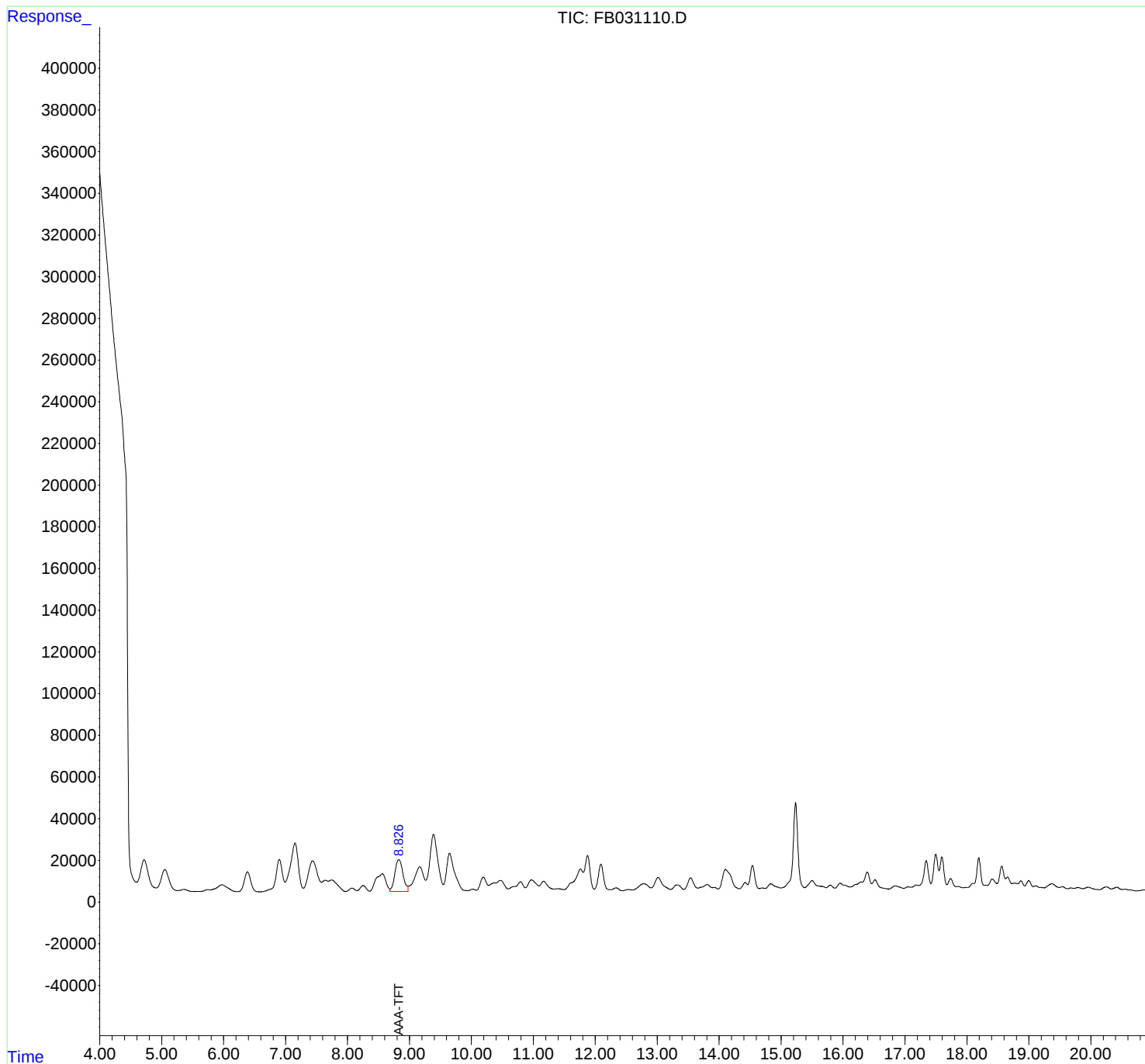
(m)=manual int.

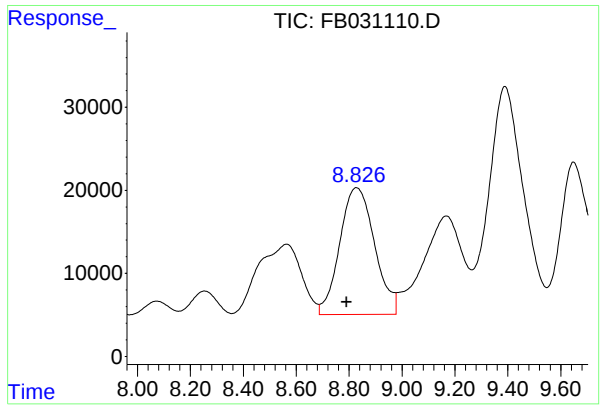
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031110.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 17:06
Operator : YP/AJ
Sample : P4721-03 50X
Misc : 5.66G/5.00 ML MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-2-TPH-3

Integration File: Calibration.e
Quant Time: Nov 07 01:52:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.828 min
Delta R.T.: 0.038 min
Response: 1396553
Conc: 50.59 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-2-TPH-3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031110.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 17:06
Sample : P4721-03 50X
Misc : 5.66G/5.00 ML ME0H
ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.554	4.907	BV	11516	826110	33.30%	2.952%
2	5.740	5.530	5.782	PV	927	53601	2.16%	0.192%
3	5.973	5.782	6.228	VV	3325	426751	17.20%	1.525%
4	6.385	6.228	6.564	VV	9575	683383	27.55%	2.442%
5	6.901	6.564	6.994	PV	15551	1154328	46.54%	4.124%
6	7.154	6.994	7.288	VV	23337	2119412	85.44%	7.573%
7	7.439	7.288	7.582	VV	14781	1535867	61.92%	5.488%
8	7.641	7.582	7.690	VV	5479	332456	13.40%	1.188%
9	7.745	7.690	7.972	VV	5609	543578	21.91%	1.942%
10	8.073	7.972	8.156	VV	1659	100939	4.07%	0.361%
11	8.254	8.156	8.360	VV	2863	185993	7.50%	0.665%
12	8.563	8.360	8.687	VV	8466	955556	38.52%	3.414%
13	8.828	8.687	8.979	VV	15260	1398682	56.39%	4.997%
14	9.168	8.979	9.264	VV	11818	1210619	48.80%	4.326%
15	9.390	9.264	9.547	VV	27385	2480544	100.00%	8.863%
16	9.649	9.547	9.936	VV	18236	1656244	66.77%	5.918%
17	10.023	9.936	10.079	VV	981	56070	2.26%	0.200%
18	10.193	10.079	10.283	VV	6741	470846	18.98%	1.682%
19	10.470	10.283	10.596	VV	5159	677628	27.32%	2.421%
20	10.793	10.596	10.876	VV	4461	428652	17.28%	1.532%
21	10.972	10.876	11.091	VV	5363	488971	19.71%	1.747%
22	11.167	11.091	11.338	VV	4734	399683	16.11%	1.428%
23	11.402	11.338	11.493	VV	1066	86249	3.48%	0.308%
24	11.762	11.493	11.805	VV	10474	984729	39.70%	3.518%
25	11.876	11.805	11.984	VV	16970	1022546	41.22%	3.654%
26	12.092	11.984	12.251	VV	12829	769901	31.04%	2.751%
27	12.338	12.251	12.437	VV	1423	89735	3.62%	0.321%
28	12.534	12.437	12.596	PV	579	33798	1.36%	0.121%
29	12.782	12.596	12.902	VV	3234	357228	14.40%	1.276%
30	13.015	12.902	13.218	VV	6167	547522	22.07%	1.956%
31	13.322	13.218	13.429	VV	2513	190303	7.67%	0.680%
32	13.540	13.429	13.658	VV	5785	383587	15.46%	1.371%
33	13.806	13.658	13.895	VV	2519	226162	9.12%	0.808%
34	13.921	13.895	13.988	VV	1086	44891	1.81%	0.160%
35	14.105	13.988	14.325	VV	9624	922405	37.19%	3.296%
36	14.421	14.325	14.461	VV	3231	158019	6.37%	0.565%

						rteres		
37	14.538	14.461	14.649	VV	11406	583804	23.54%	2.086%
38	14.698	14.649	14.745	VV	528	22635	0.91%	0.081%
39	14.834	14.745	14.997	VV	2448	194129	7.83%	0.694%
40	15.234	14.997	15.380	VV	41223	2257263	91.00%	8.065%
41	15.501	15.380	15.730	VV	3751	340839	13.74%	1.218%
42	15.795	15.730	15.869	VV	1489	65727	2.65%	0.235%
43	15.954	15.869	16.120	PV	2167	141445	5.70%	0.505%
44	16.391	16.120	16.465	PV	5981	379062	15.28%	1.354%
					Sum of corrected areas:	27987893		

FB102824.M Thu Nov 07 02:53:55 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79.7
Sample Wt/Vol:	8.33	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
FB031143.D	250	11/07/24 18:30	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	60000		1450	8470	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	35.9	*	50 - 150	180%	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\FB110724\
Data File : FB031143.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:30
Operator : YP/AJ
Sample : P4721-04 250X
Misc : 8.33G/5.00 ML MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-1

Integration File: Calibration.e
Quant Time: Nov 08 02:47:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.821	990835	35.896 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

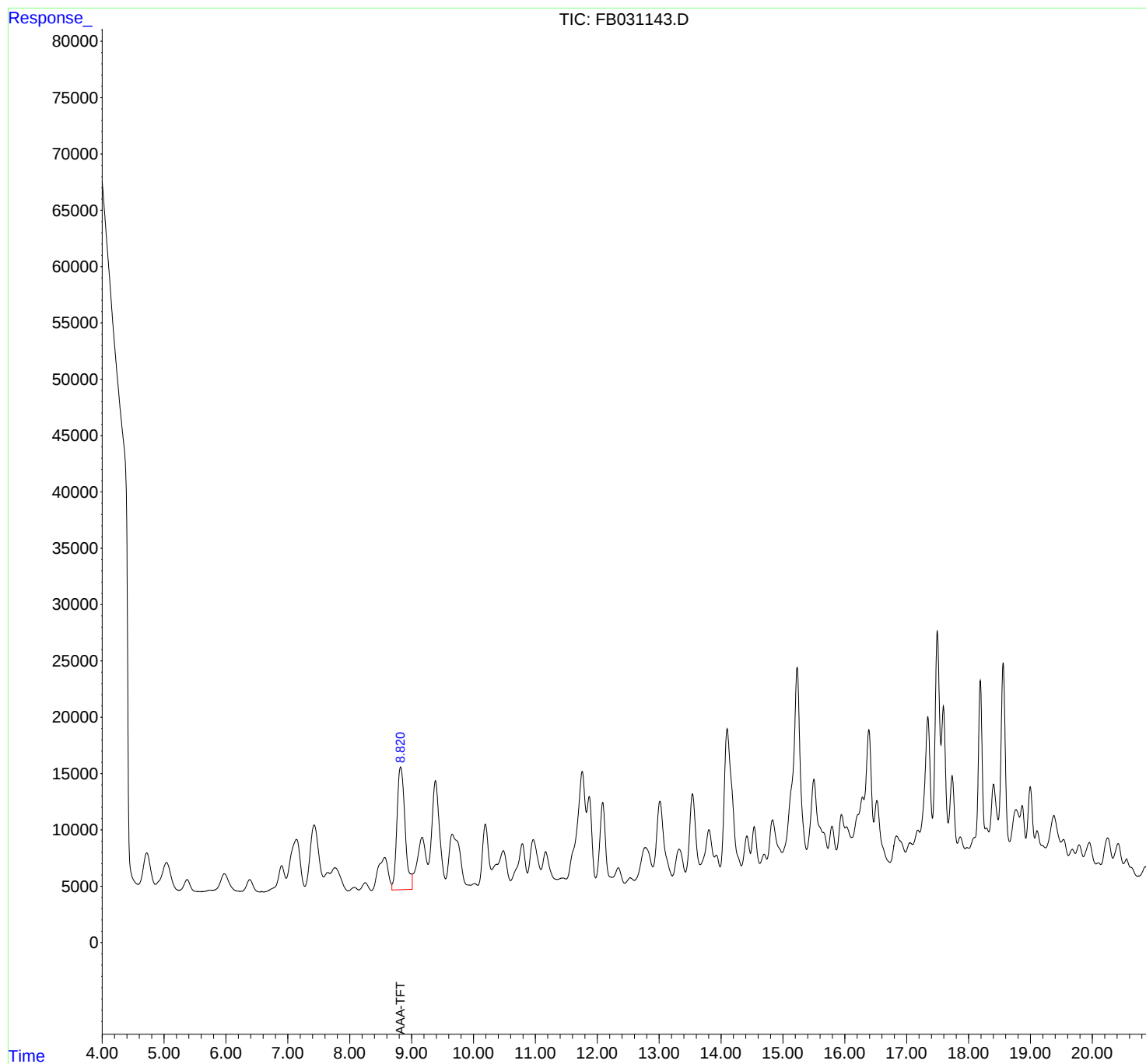
(m)=manual int.

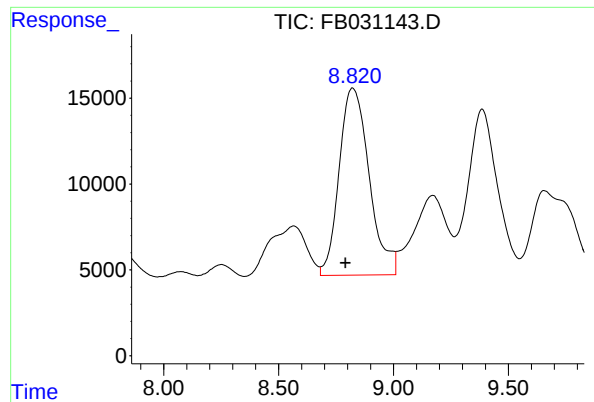
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031143.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:30
Operator : YP/AJ
Sample : P4721-04 250X
Misc : 8.33G/5.00 ML MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-1

Integration File: Calibration.e
Quant Time: Nov 08 02:47:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.821 min
Delta R.T.: 0.030 min
Response: 990835
Conc: 35.90 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031143.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:30
Sample : P4721-04 250X
Misc : 8.33G/5.00 ML ME0H
ALS Vial : 19 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.721	4.537	4.861	BV	2825	209686	14.78%	1.360%
2	5.563	5.551	5.585	PV	43	413	0.03%	0.003%
3	5.612	5.585	5.621	VV	48	404	0.03%	0.003%
4	5.735	5.621	5.798	VV	155	10719	0.76%	0.070%
5	5.971	5.798	6.230	VV	1614	164537	11.60%	1.067%
6	6.384	6.230	6.569	VV	1103	80542	5.68%	0.522%
7	6.584	6.569	6.619	PV	44	547	0.04%	0.004%
8	6.901	6.619	6.974	PV	2320	180762	12.74%	1.173%
9	7.141	6.974	7.275	VV	4636	513108	36.17%	3.328%
10	7.426	7.275	7.582	VV	5899	587483	41.41%	3.811%
11	7.646	7.582	7.681	VV	1646	90085	6.35%	0.584%
12	7.763	7.681	7.976	VV	2079	216177	15.24%	1.402%
13	8.075	7.976	8.149	PV	298	17056	1.20%	0.111%
14	8.252	8.149	8.352	VV	711	43079	3.04%	0.279%
15	8.566	8.352	8.681	PV	2907	323778	22.82%	2.100%
16	8.822	8.681	9.011	VV	10904	991030	69.86%	6.428%
17	9.170	9.011	9.266	VV	4594	454859	32.06%	2.951%
18	9.386	9.266	9.549	VV	9586	850919	59.98%	5.520%
19	9.658	9.549	9.947	VV	4782	588215	41.46%	3.816%
20	10.018	9.947	10.069	VV	352	20138	1.42%	0.131%
21	10.192	10.069	10.296	VV	5603	386621	27.25%	2.508%
22	10.482	10.296	10.601	VV	3200	372116	26.23%	2.414%
23	10.789	10.601	10.873	VV	3765	325532	22.95%	2.112%
24	10.967	10.873	11.090	VV	4103	353890	24.95%	2.296%
25	11.167	11.090	11.352	VV	3000	249714	17.60%	1.620%
26	11.444	11.352	11.500	VV	616	49764	3.51%	0.323%
27	11.757	11.500	11.826	VV	10035	974967	68.73%	6.324%
28	11.870	11.826	11.976	VV	7793	427424	30.13%	2.773%
29	12.089	11.976	12.244	VV	7226	471299	33.22%	3.057%
30	12.340	12.244	12.452	VV	1382	91783	6.47%	0.595%
31	12.534	12.452	12.600	PV	403	21329	1.50%	0.138%
32	12.778	12.600	12.898	VV	2885	298808	21.06%	1.938%
33	13.013	12.898	13.214	VV	6817	559890	39.47%	3.632%
34	13.325	13.214	13.425	VV	2318	160252	11.30%	1.039%
35	13.540	13.425	13.665	VV	7056	462604	32.61%	3.001%
36	13.806	13.665	13.893	VV	3661	276714	19.51%	1.795%

					rters				
37	13.924	13.893	13.984	VV	1306	52351	3.69%	0.340%	
38	14.100	13.984	14.329	VV	12383	1042965	73.52%	6.765%	
39	14.419	14.329	14.476	VV	2614	129579	9.13%	0.841%	
40	14.537	14.476	14.628	VV	3346	157628	11.11%	1.022%	
41	14.698	14.628	14.741	PV	755	29680	2.09%	0.193%	
42	14.833	14.741	14.987	VV	3675	270465	19.07%	1.754%	
43	15.230	14.987	15.384	VV	16813	1418603	100.00%	9.202%	
44	15.501	15.384	15.727	VV	6644	571162	40.26%	3.705%	
45	15.794	15.727	15.866	VV	2181	94478	6.66%	0.613%	
46	15.948	15.866	16.112	PV	2803	191445	13.50%	1.242%	
47	16.389	16.112	16.469	VV	8530	631720	44.53%	4.098%	
					Sum of corrected areas:		15416323		

FB102824.M Fri Nov 08 04:07:41 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	91.5
Sample Wt/Vol:	6.51	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
FB031144.D	250	11/07/24 18:57	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	116000		1620	9440	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	59.8	*	50 - 150	299%	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\FB110724\
Data File : FB031144.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:57
Operator : YP/AJ
Sample : P4721-05 250X
Misc : 6.51G/5.00 ML MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-2

Integration File: Calibration.e
Quant Time: Nov 08 02:47:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.834	1649231	59.749 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

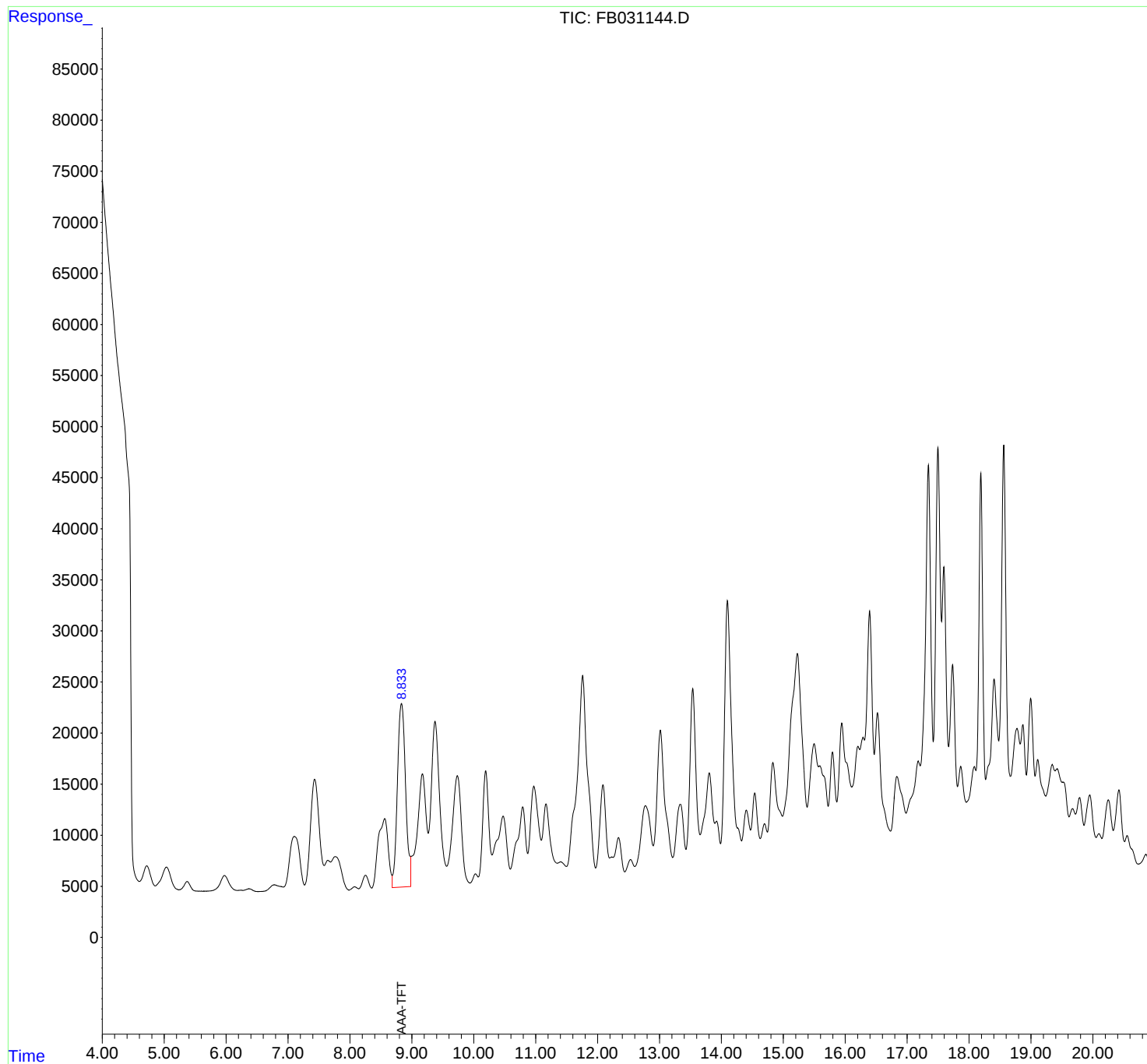
(m)=manual int.

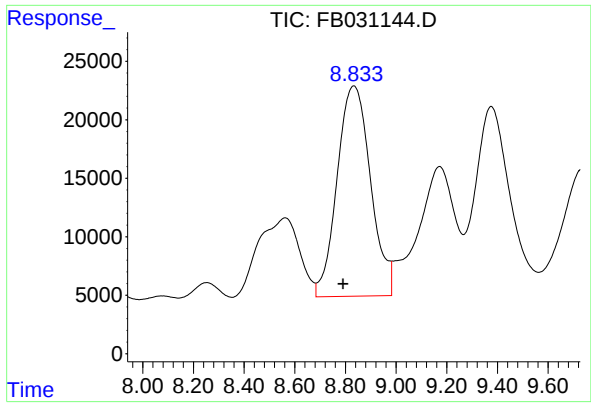
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031144.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 18:57
Operator : YP/AJ
Sample : P4721-05 250X
Misc : 6.51G/5.00 ML MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-2

Integration File: Calibration.e
Quant Time: Nov 08 02:47:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.834 min
Delta R.T.: 0.043 min
Response: 1649231
Conc: 59.75 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-2

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031144.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 18:57
 Sample : P4721-05 250X
 Misc : 6.51G/5.00 ML ME0H
 ALS Vial : 20 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.571	4.859	BV	1694	117019	5.00%	0.440%
2	5.540	5.531	5.556	PV	11	57	0.00%	0.000%
3	5.562	5.556	5.573	PV	21	99	0.00%	0.000%
4	5.578	5.573	5.587	VV	13	88	0.00%	0.000%
5	5.605	5.587	5.631	VV	19	226	0.01%	0.001%
6	5.638	5.631	5.656	PV	28	211	0.01%	0.001%
7	5.667	5.656	5.684	VV	22	264	0.01%	0.001%
8	5.702	5.684	5.711	VV	31	355	0.02%	0.001%
9	5.731	5.711	5.742	VV	41	622	0.03%	0.002%
10	5.976	5.742	6.185	VV	1558	160739	6.87%	0.604%
11	6.191	6.185	6.197	VV	114	777	0.03%	0.003%
12	6.233	6.197	6.242	VV	145	3348	0.14%	0.013%
13	6.251	6.242	6.271	VV	140	2184	0.09%	0.008%
14	6.367	6.271	6.514	VV	289	21851	0.93%	0.082%
15	7.103	6.895	7.269	BV	4983	540835	23.12%	2.032%
16	7.430	7.269	7.587	VV	10694	1058356	45.25%	3.975%
17	7.644	7.587	7.688	VV	2817	160667	6.87%	0.604%
18	7.764	7.688	7.988	VV	3220	346843	14.83%	1.303%
19	8.080	7.988	8.144	PV	295	15722	0.67%	0.059%
20	8.254	8.144	8.356	VV	1362	88042	3.76%	0.331%
21	8.563	8.356	8.684	VV	6799	770247	32.93%	2.893%
22	8.833	8.684	8.985	VV	17975	1653833	70.71%	6.212%
23	9.172	8.985	9.266	VV	10967	1104124	47.21%	4.147%
24	9.376	9.266	9.563	VV	16026	1529889	65.41%	5.747%
25	9.736	9.563	9.939	VV	10582	1065079	45.54%	4.001%
26	10.029	9.939	10.072	PV	855	39026	1.67%	0.147%
27	10.193	10.072	10.297	VV	10875	745382	31.87%	2.800%
28	10.475	10.297	10.592	VV	6317	713626	30.51%	2.681%
29	10.792	10.592	10.872	VV	7084	677940	28.99%	2.547%
30	10.972	10.872	11.092	VV	9039	805573	34.44%	3.026%
31	11.167	11.092	11.351	VV	7212	616616	26.37%	2.316%
32	11.405	11.351	11.495	VV	1431	110062	4.71%	0.413%
33	11.759	11.495	11.970	VV	19534	2338752	100.00%	8.785%
34	12.088	11.970	12.251	VV	8680	650308	27.81%	2.443%
35	12.339	12.251	12.441	VV	3416	220351	9.42%	0.828%
36	12.534	12.441	12.602	PV	1068	58482	2.50%	0.220%

					rteres			
37	12.775	12.602	12.899	VV	5993	610016	26.08%	2.291%
38	13.015	12.899	13.214	VV	13025	1113925	47.63%	4.184%
39	13.336	13.214	13.428	VV	5292	387403	16.56%	1.455%
40	13.538	13.428	13.659	VV	16313	1059069	45.28%	3.978%
41	13.805	13.659	13.986	VV	7661	747775	31.97%	2.809%
42	14.099	13.986	14.326	VV	24063	1794645	76.74%	6.741%
43	14.404	14.326	14.471	VV	3120	165377	7.07%	0.621%
44	14.539	14.471	14.628	VV	4598	219795	9.40%	0.826%
45	14.697	14.628	14.745	PV	1263	48264	2.06%	0.181%
46	14.833	14.745	14.986	VV	6843	482008	20.61%	1.811%
47	15.227	14.986	15.385	VV	16395	1958775	83.75%	7.358%
48	15.498	15.385	15.725	VV	6788	782866	33.47%	2.941%
49	15.795	15.725	15.864	PV	5101	205407	8.78%	0.772%
50	15.945	15.864	16.109	PV	7231	451604	19.31%	1.696%
51	16.394	16.109	16.471	PV	14663	977818	41.81%	3.673%
			Sum of corrected areas:			26622341		

FB102824.M Fri Nov 08 04:07:58 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79.4
Sample Wt/Vol:	8.03	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
FB031145.D	250	11/07/24 19:24	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	67500		1510	8820	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	38.1	*	50 - 150	191%	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\FB110724\
Data File : FB031145.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 19:24
Operator : YP/AJ
Sample : P4721-06 250X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-3

Integration File: Calibration.e
Quant Time: Nov 08 02:47:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.836	1051946	38.110 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

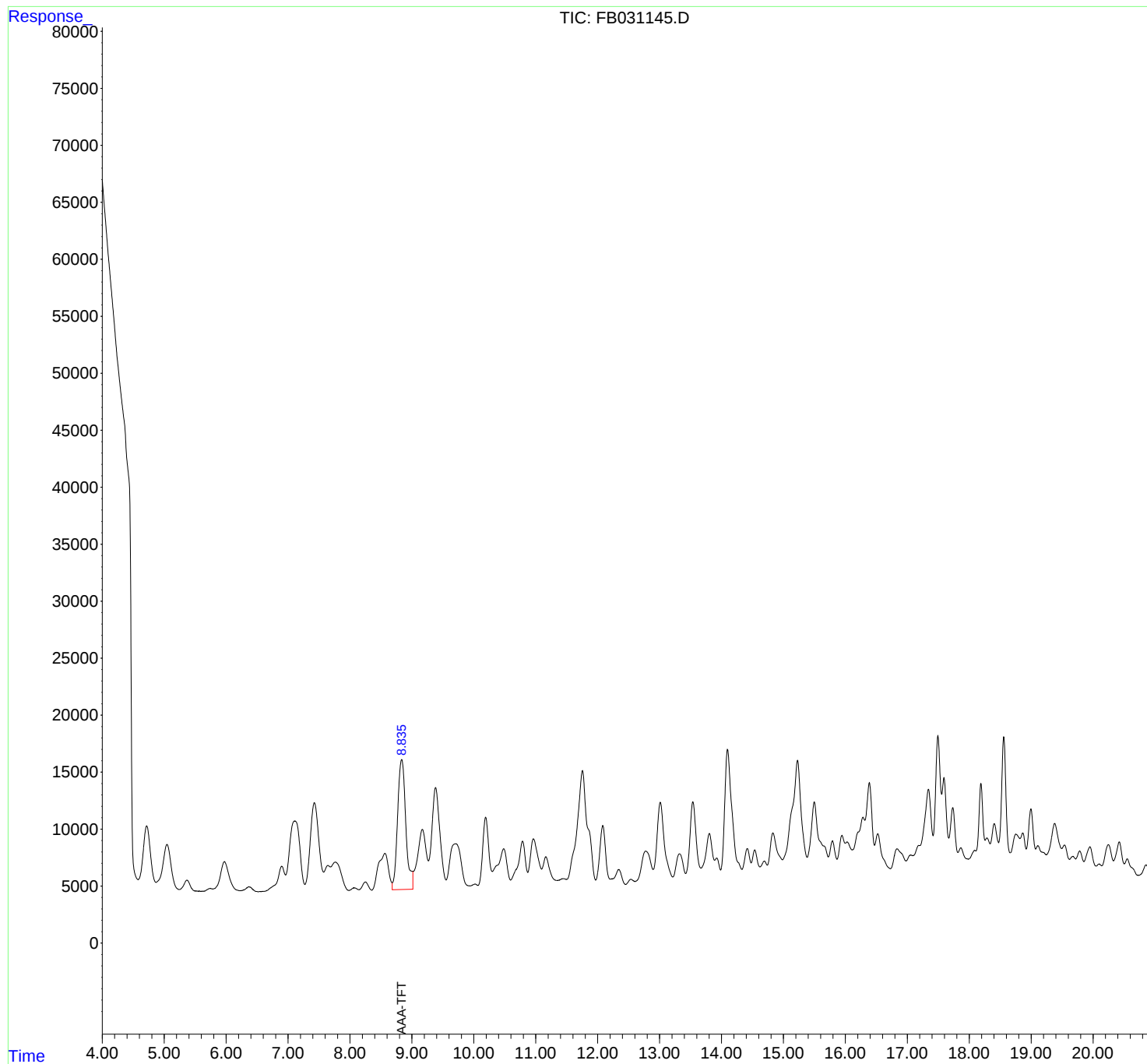
(m)=manual int.

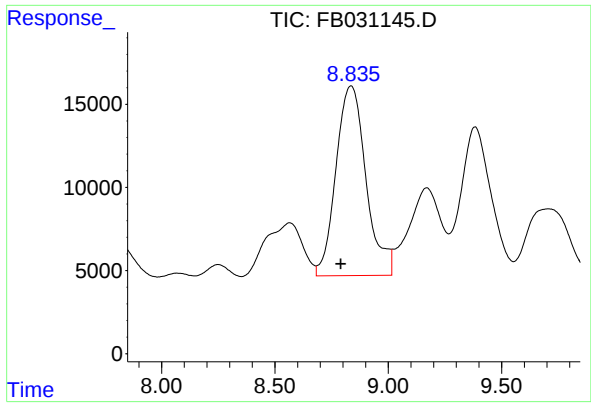
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031145.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 19:24
Operator : YP/AJ
Sample : P4721-06 250X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-3

Integration File: Calibration.e
Quant Time: Nov 08 02:47:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.836 min
Delta R.T.: 0.046 min
Response: 1051946
Conc: 38.11 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031145.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 19:24
 Sample : P4721-06 250X
 Misc : 8.03G/5.00 ML ME0H
 ALS Vial : 21 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.554	4.868	BV	4814	356681	28.78%	2.144%
2	5.736	5.593	5.790	PV	274	16825	1.36%	0.101%
3	5.974	5.790	6.232	VV	2628	267844	21.61%	1.610%
4	6.366	6.232	6.517	VV	432	35604	2.87%	0.214%
5	6.544	6.517	6.568	PV	22	481	0.04%	0.003%
6	6.900	6.568	6.961	VV	2214	184131	14.86%	1.107%
7	7.111	6.961	7.273	VV	6174	721146	58.19%	4.335%
8	7.426	7.273	7.577	VV	7756	763846	61.64%	4.591%
9	7.645	7.577	7.686	VV	2228	132984	10.73%	0.799%
10	7.765	7.686	7.984	VV	2514	272147	21.96%	1.636%
11	8.069	7.984	8.146	VV	225	12813	1.03%	0.077%
12	8.250	8.146	8.352	VV	730	45304	3.66%	0.272%
13	8.565	8.352	8.682	PV	3212	361853	29.20%	2.175%
14	8.835	8.682	9.016	VV	11409	1051819	84.88%	6.322%
15	9.170	9.016	9.267	VV	5236	513786	41.46%	3.088%
16	9.383	9.267	9.553	VV	8877	820262	66.19%	4.931%
17	9.706	9.553	9.938	VV	3907	494221	39.88%	2.971%
18	10.022	9.938	10.069	VV	332	20136	1.62%	0.121%
19	10.192	10.069	10.301	VV	6169	426999	34.46%	2.567%
20	10.483	10.301	10.597	VV	3373	370650	29.91%	2.228%
21	10.787	10.597	10.872	VV	4001	348390	28.11%	2.094%
22	10.964	10.872	11.096	VV	4172	374862	30.25%	2.253%
23	11.164	11.096	11.355	VV	2580	218353	17.62%	1.313%
24	11.447	11.355	11.505	VV	626	51330	4.14%	0.309%
25	11.755	11.505	11.969	VV	10063	1239230	100.00%	7.449%
26	12.083	11.969	12.208	VV	5216	350884	28.31%	2.109%
27	12.342	12.208	12.453	VV	1316	101929	8.23%	0.613%
28	12.539	12.453	12.605	PV	420	23492	1.90%	0.141%
29	12.778	12.605	12.896	VV	2820	289878	23.39%	1.742%
30	13.012	12.896	13.213	VV	7033	603951	48.74%	3.630%
31	13.323	13.213	13.421	VV	2429	191857	15.48%	1.153%
32	13.539	13.421	13.669	VV	6927	504578	40.72%	3.033%
33	13.804	13.669	13.985	VV	4080	414071	33.41%	2.489%
34	14.098	13.985	14.329	VV	11368	972923	78.51%	5.848%
35	14.417	14.329	14.479	VV	2569	158169	12.76%	0.951%
36	14.538	14.479	14.623	VV	2412	143773	11.60%	0.864%

						rteres			
37	14.692	14.623	14.738	VV	1386	81278	6.56%	0.489%	
38	14.831	14.738	14.984	VV	3812	346344	27.95%	2.082%	
39	15.228	14.984	15.383	VV	10083	1159372	93.56%	6.969%	
40	15.499	15.383	15.725	VV	6350	673448	54.34%	4.048%	
41	15.792	15.725	15.866	VV	2832	172690	13.94%	1.038%	
42	15.946	15.866	16.112	VV	3272	361196	29.15%	2.171%	
43	16.388	16.112	16.501	VBA	7779	984650	79.46%	5.919%	
						Sum of corrected areas:		16636181	

FB102824.M Fri Nov 08 04:08:17 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.6
Sample Wt/Vol:	8.03	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
FB031116.D	50	11/06/24 20:42	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	22500		281	1640	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	67.5	*	50 - 150	338%	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\FB110624\
Data File : FB031116.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 20:42
Operator : YP/AJ
Sample : P4721-07 50X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-4

Integration File: Calibration.e
Quant Time: Nov 07 01:53:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.846	1864416	67.544 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

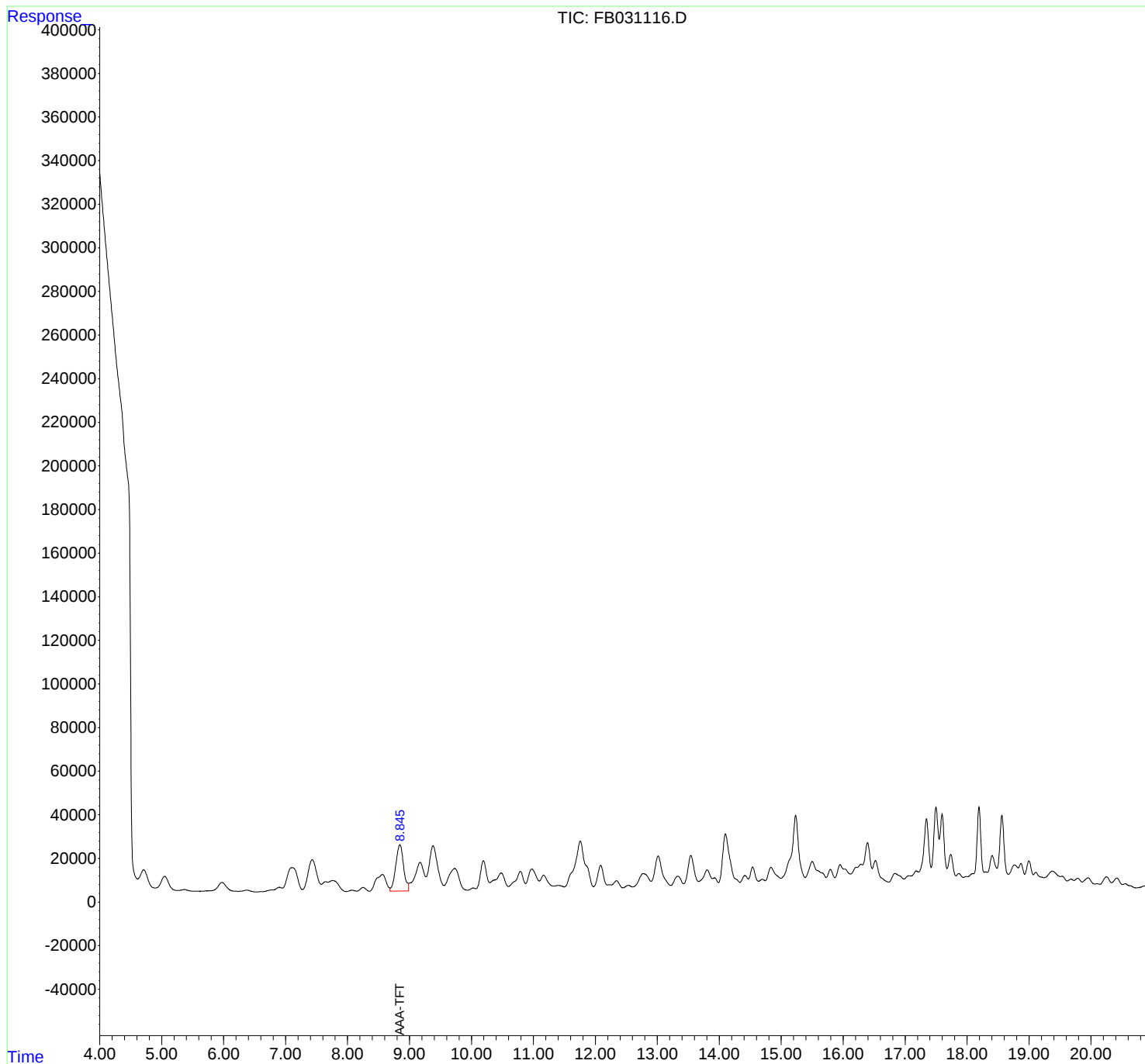
(m)=manual int.

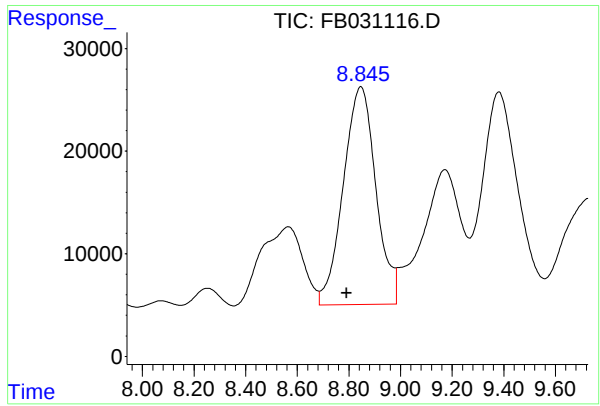
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031116.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 20:42
Operator : YP/AJ
Sample : P4721-07 50X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-4

Integration File: Calibration.e
Quant Time: Nov 07 01:53:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.846 min
Delta R.T.: 0.056 min
Response: 1864416
Conc: 67.54 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-11-TPH-4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031116.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 20:42
Sample : P4721-07 50X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.711	4.571	4.895	BV	5133	288611	10.76%	0.968%
2	5.745	5.628	5.771	PV	275	13335	0.50%	0.045%
3	5.974	5.771	6.245	VV	4167	415504	15.49%	1.393%
4	6.375	6.245	6.547	VV	756	57391	2.14%	0.192%
5	7.106	6.948	7.273	VV	9781	1034143	38.55%	3.468%
6	7.431	7.273	7.577	PV	13896	1312209	48.92%	4.400%
7	7.648	7.577	7.685	VV	4081	236554	8.82%	0.793%
8	7.760	7.685	7.980	VV	4762	505577	18.85%	1.695%
9	8.073	7.980	8.154	PV	584	32503	1.21%	0.109%
10	8.253	8.154	8.353	VV	1760	109168	4.07%	0.366%
11	8.564	8.353	8.685	VV	7657	863364	32.18%	2.895%
12	8.846	8.685	8.989	VV	21246	1875995	69.93%	6.290%
13	9.172	8.989	9.267	VV	13033	1331410	49.63%	4.464%
14	9.381	9.267	9.559	VV	20554	1986049	74.03%	6.659%
15	9.730	9.559	9.937	VV	10059	1159971	43.24%	3.889%
16	10.028	9.937	10.075	PV	973	46906	1.75%	0.157%
17	10.194	10.075	10.297	VV	13453	927535	34.58%	3.110%
18	10.480	10.297	10.599	VV	7720	873938	32.58%	2.930%
19	10.790	10.599	10.874	VV	8290	742853	27.69%	2.491%
20	10.976	10.874	11.097	VV	9335	846492	31.55%	2.838%
21	11.167	11.097	11.327	VV	6427	526286	19.62%	1.765%
22	11.404	11.327	11.505	VV	1558	141594	5.28%	0.475%
23	11.758	11.505	11.973	VV	21773	2682621	100.00%	8.995%
24	12.087	11.973	12.253	VV	10483	745535	27.79%	2.500%
25	12.342	12.253	12.446	VV	3324	217504	8.11%	0.729%
26	12.534	12.446	12.604	PV	1030	53948	2.01%	0.181%
27	12.776	12.604	12.900	VV	6112	634163	23.64%	2.126%
28	13.014	12.900	13.217	VV	13885	1134847	42.30%	3.805%
29	13.332	13.217	13.425	VV	4158	291313	10.86%	0.977%
30	13.543	13.425	13.669	VV	13357	907984	33.85%	3.044%
31	13.806	13.669	13.893	VV	6461	497817	18.56%	1.669%
32	13.923	13.893	13.987	VV	2629	105732	3.94%	0.355%
33	14.101	13.987	14.333	VV	22522	1751205	65.28%	5.872%
34	14.415	14.333	14.469	PV	3081	150448	5.61%	0.504%
35	14.540	14.469	14.634	VV	6781	329512	12.28%	1.105%
36	14.696	14.634	14.745	VV	956	37021	1.38%	0.124%

						rteres		
37	14.836	14.745	14.995	VV	6177	471151	17.56%	1.580%
38	15.234	14.995	15.387	VV	29484	2351297	87.65%	7.884%
39	15.501	15.387	15.726	VV	7929	757606	28.24%	2.540%
40	15.795	15.726	15.867	VV	3882	165195	6.16%	0.554%
41	15.952	15.867	16.116	PV	5363	376150	14.02%	1.261%
42	16.393	16.116	16.470	PV	12381	835382	31.14%	2.801%
						Sum of corrected areas:		29823819

FB102824.M Thu Nov 07 02:58:36 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.7
Sample Wt/Vol:	10	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
FB031117.D	50	11/06/24 21:09	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	593	J	231	1340	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\FB110624\
Data File : FB031117.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 21:09
Operator : YP/AJ
Sample : P4721-08 50X
Misc : 10.0G/5.00 ML MEOH
ALS Vial : 16 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 07 01:53:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	507941	18.402 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

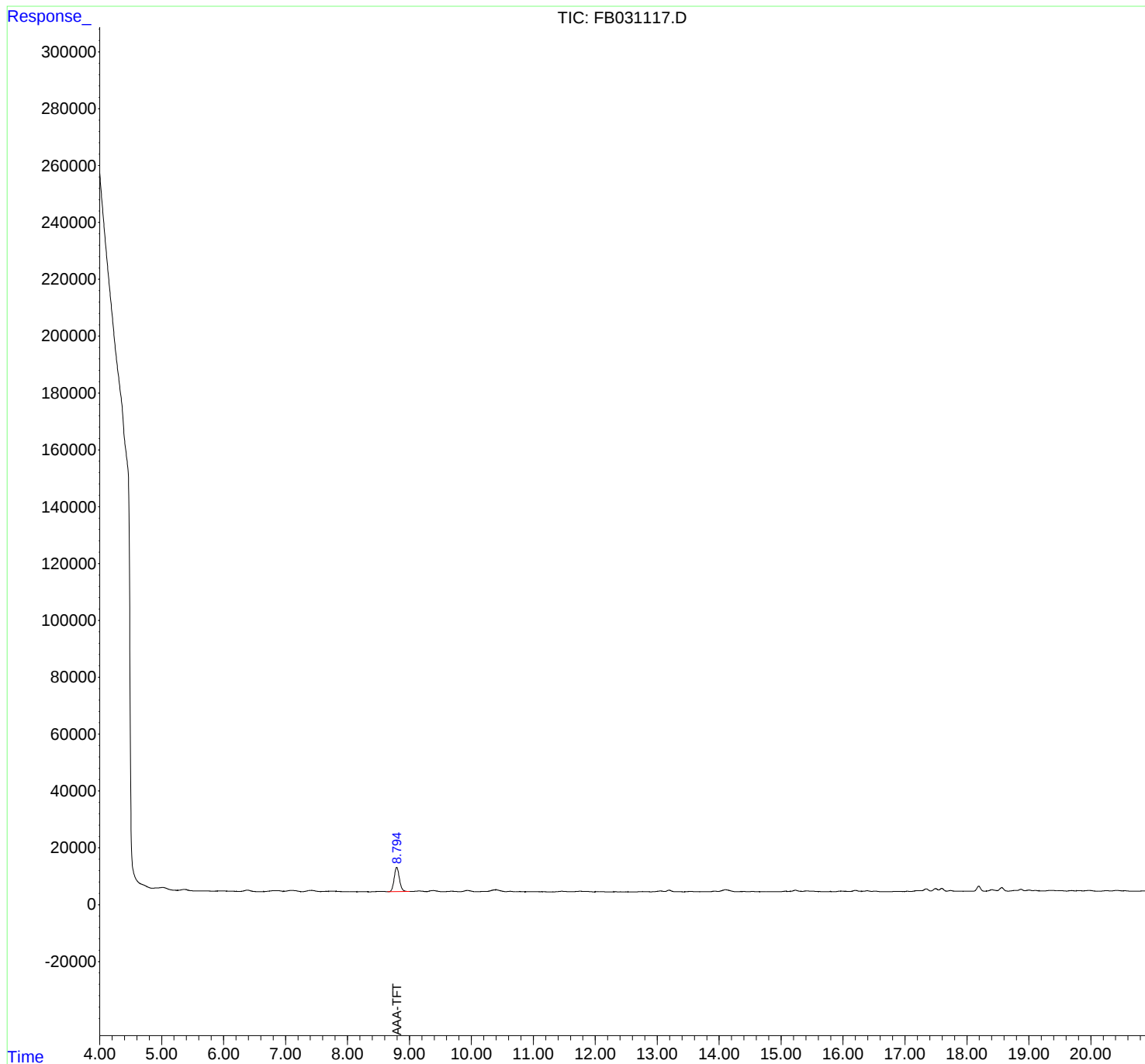
(m)=manual int.

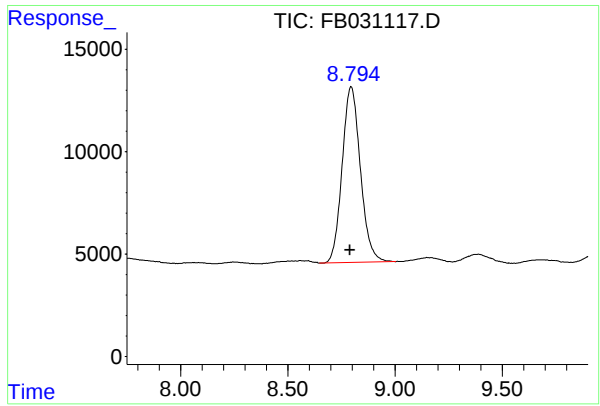
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031117.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 21:09
Operator : YP/AJ
Sample : P4721-08 50X
Misc : 10.0G/5.00 ML MEOH
ALS Vial : 16 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 07 01:53:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.796 min
Delta R.T.: 0.005 min
Response: 507941
Conc: 18.40 ng/ml

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

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031117.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 21:09
 Sample : P4721-08 50X
 Misc : 10.0G/5.00 ML ME0H
 ALS Vial : 16 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.922	4.821	4.930	BV	237	5093	0.97%	0.362%
2	5.672	5.662	5.680	PV	12	84	0.02%	0.006%
3	5.709	5.680	5.773	VV	35	1479	0.28%	0.105%
4	5.782	5.773	5.837	VV	31	845	0.16%	0.060%
5	5.843	5.837	5.858	VV	35	387	0.07%	0.028%
6	5.943	5.858	5.952	VV	114	3693	0.71%	0.262%
7	5.969	5.952	5.980	VV	120	1853	0.35%	0.132%
8	5.990	5.980	6.196	VV	117	8291	1.58%	0.589%
9	6.211	6.196	6.243	VV	34	336	0.06%	0.024%
10	6.248	6.243	6.257	VV	6	24	0.00%	0.002%
11	6.381	6.257	6.541	PV	496	33709	6.44%	2.396%
12	6.563	6.541	6.593	VV	20	263	0.05%	0.019%
13	6.651	6.593	6.663	PV	40	757	0.14%	0.054%
14	6.858	6.849	6.867	VV	384	4058	0.78%	0.288%
15	6.876	6.867	6.980	VV	380	17328	3.31%	1.232%
16	7.097	6.980	7.262	VV	447	48365	9.24%	3.438%
17	7.274	7.262	7.284	VV	52	564	0.11%	0.040%
18	7.422	7.284	7.558	VV	509	45694	8.73%	3.248%
19	7.566	7.558	7.573	VV	77	659	0.13%	0.047%
20	7.651	7.573	7.679	VV	163	8408	1.61%	0.598%
21	7.759	7.679	7.958	VV	259	25167	4.81%	1.789%
22	7.966	7.958	7.988	VV	22	240	0.05%	0.017%
23	8.019	7.988	8.027	VV	47	581	0.11%	0.041%
24	8.064	8.027	8.073	VV	60	1355	0.26%	0.096%
25	8.085	8.073	8.162	VV	58	1604	0.31%	0.114%
26	8.246	8.162	8.369	PV	92	5017	0.96%	0.357%
27	8.473	8.369	8.481	VV	117	3988	0.76%	0.283%
28	8.520	8.481	8.546	VV	147	5160	0.99%	0.367%
29	8.559	8.546	8.658	VV	168	7516	1.44%	0.534%
30	8.795	8.658	9.004	VV	8661	523316	100.00%	37.197%
31	9.011	9.004	9.041	VV	129	2690	0.51%	0.191%
32	9.149	9.041	9.160	VV	318	16097	3.08%	1.144%
33	9.166	9.160	9.268	VV	310	13455	2.57%	0.956%
34	9.389	9.268	9.541	VV	477	42361	8.09%	3.011%
35	9.645	9.541	9.652	VV	194	7073	1.35%	0.503%
36	9.666	9.652	9.680	VV	208	3339	0.64%	0.237%

					rteres			
37	9.692	9.680	9.723	VV	205	5075	0.97%	0.361%
38	9.731	9.723	9.827	VV	182	7820	1.49%	0.556%
39	9.942	9.827	10.092	VV	526	40052	7.65%	2.847%
40	10.211	10.092	10.237	VV	177	10368	1.98%	0.737%
41	10.384	10.237	10.556	VV	733	78920	15.08%	5.610%
42	10.626	10.556	10.710	VV	225	12794	2.44%	0.909%
43	10.761	10.710	10.768	VV	119	2959	0.57%	0.210%
44	10.778	10.768	10.785	VV	129	1175	0.22%	0.084%
45	10.793	10.785	10.880	VV	131	4093	0.78%	0.291%
46	10.999	10.880	11.096	VV	98	8553	1.63%	0.608%
47	11.105	11.096	11.114	VV	37	346	0.07%	0.025%
48	11.121	11.114	11.143	VV	56	765	0.15%	0.054%
49	11.150	11.143	11.157	VV	38	298	0.06%	0.021%
50	11.169	11.157	11.197	VV	51	963	0.18%	0.068%
51	11.206	11.197	11.263	VV	33	789	0.15%	0.056%
52	11.270	11.263	11.282	VV	17	131	0.03%	0.009%
53	11.292	11.282	11.301	PV	17	123	0.02%	0.009%
54	11.318	11.301	11.329	VV	38	348	0.07%	0.025%
55	11.460	11.329	11.570	VV	225	19745	3.77%	1.403%
56	11.578	11.570	11.627	VV	110	3145	0.60%	0.224%
57	11.757	11.627	11.767	VV	239	12988	2.48%	0.923%
58	11.774	11.767	11.817	VV	226	5652	1.08%	0.402%
59	11.827	11.817	11.837	VV	153	1763	0.34%	0.125%
60	11.854	11.837	11.963	VV	159	8052	1.54%	0.572%
61	11.974	11.963	11.984	VV	33	337	0.06%	0.024%
62	12.086	11.984	12.180	VV	120	8092	1.55%	0.575%
63	12.189	12.180	12.198	VV	22	167	0.03%	0.012%
64	12.230	12.198	12.269	VV	34	836	0.16%	0.059%
65	12.327	12.269	12.337	VV	52	1395	0.27%	0.099%
66	12.341	12.337	12.389	VV	46	981	0.19%	0.070%
67	12.406	12.389	12.417	VV	39	447	0.09%	0.032%
68	12.424	12.417	12.433	VV	20	113	0.02%	0.008%
69	12.449	12.433	12.477	PV	27	477	0.09%	0.034%
70	12.498	12.477	12.522	VV	38	691	0.13%	0.049%
71	12.531	12.522	12.560	VV	34	609	0.12%	0.043%
72	12.566	12.560	12.581	VV	24	207	0.04%	0.015%
73	12.590	12.581	12.595	PV	13	66	0.01%	0.005%
74	12.762	12.595	12.801	VV	128	6929	1.32%	0.492%
75	12.808	12.801	12.837	VV	80	1486	0.28%	0.106%
76	12.847	12.837	12.858	VV	63	695	0.13%	0.049%
77	12.864	12.858	12.874	VV	56	449	0.09%	0.032%
78	12.880	12.874	12.899	VV	41	408	0.08%	0.029%
79	13.056	12.899	13.124	VV	345	23135	4.42%	1.644%
80	13.192	13.124	13.311	VV	602	31988	6.11%	2.274%
81	13.323	13.311	13.425	VV	66	2646	0.51%	0.188%
82	13.532	13.425	13.629	VV	169	10856	2.07%	0.772%
83	13.635	13.629	13.689	VV	40	960	0.18%	0.068%
84	13.695	13.689	13.704	VV	34	234	0.04%	0.017%
85	13.720	13.704	13.732	VV	51	560	0.11%	0.040%
86	13.773	13.732	13.782	VV	84	1501	0.29%	0.107%
87	13.795	13.782	13.844	VV	74	2557	0.49%	0.182%
88	13.854	13.844	13.859	VV	64	509	0.10%	0.036%
89	13.927	13.859	13.983	VV	260	13160	2.51%	0.935%

					rteres			
90	14.103	13.983	14.300	VV	746	69877	13.35%	4.967%
91	14.344	14.300	14.354	VV	103	2578	0.49%	0.183%
92	14.371	14.354	14.380	VV	112	1536	0.29%	0.109%
93	14.391	14.380	14.475	VV	111	5079	0.97%	0.361%
94	14.482	14.475	14.488	VV	69	516	0.10%	0.037%
95	14.538	14.488	14.652	VV	137	6527	1.25%	0.464%
96	14.680	14.652	14.691	PV	25	434	0.08%	0.031%
97	14.697	14.691	14.705	VV	24	180	0.03%	0.013%
98	14.712	14.705	14.748	VV	22	272	0.05%	0.019%
99	14.832	14.748	14.905	VV	79	4734	0.90%	0.337%
100	15.065	14.905	15.103	VV	169	10820	2.07%	0.769%
101	15.113	15.103	15.127	VV	156	2106	0.40%	0.150%
102	15.229	15.127	15.337	VV	538	36331	6.94%	2.582%
103	15.410	15.337	15.477	VV	298	18994	3.63%	1.350%
104	15.509	15.477	15.576	VV	220	9616	1.84%	0.683%
105	15.583	15.576	15.611	VV	84	1452	0.28%	0.103%
106	15.625	15.611	15.646	VV	75	1359	0.26%	0.097%
107	15.665	15.646	15.710	VV	58	1528	0.29%	0.109%
108	15.723	15.710	15.733	VV	15	150	0.03%	0.011%
109	15.751	15.733	15.759	VV	39	291	0.06%	0.021%
110	15.792	15.759	15.855	VV	61	2102	0.40%	0.149%
111	15.958	15.855	16.025	PV	213	11887	2.27%	0.845%
112	16.034	16.025	16.091	VV	113	3431	0.66%	0.244%
113	16.099	16.091	16.115	VV	71	858	0.16%	0.061%
114	16.201	16.115	16.316	VV	414	22544	4.31%	1.602%
115	16.391	16.316	16.469	VV	239	11421	2.18%	0.812%

Sum of corrected areas: 1406880

FB102824.M Thu Nov 07 03:00:15 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.5
Sample Wt/Vol:	6.86	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
FB031118.D	50	11/06/24 21:36	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	17300		329	1920	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	38.1	*	50 - 150	190%	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\FB110624\
Data File : FB031118.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 21:36
Operator : YP/AJ
Sample : P4721-09 50X
Misc : 6.86G/5.00 ML MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-2

Integration File: Calibration.e
Quant Time: Nov 07 01:53:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.803	1051760	38.103 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

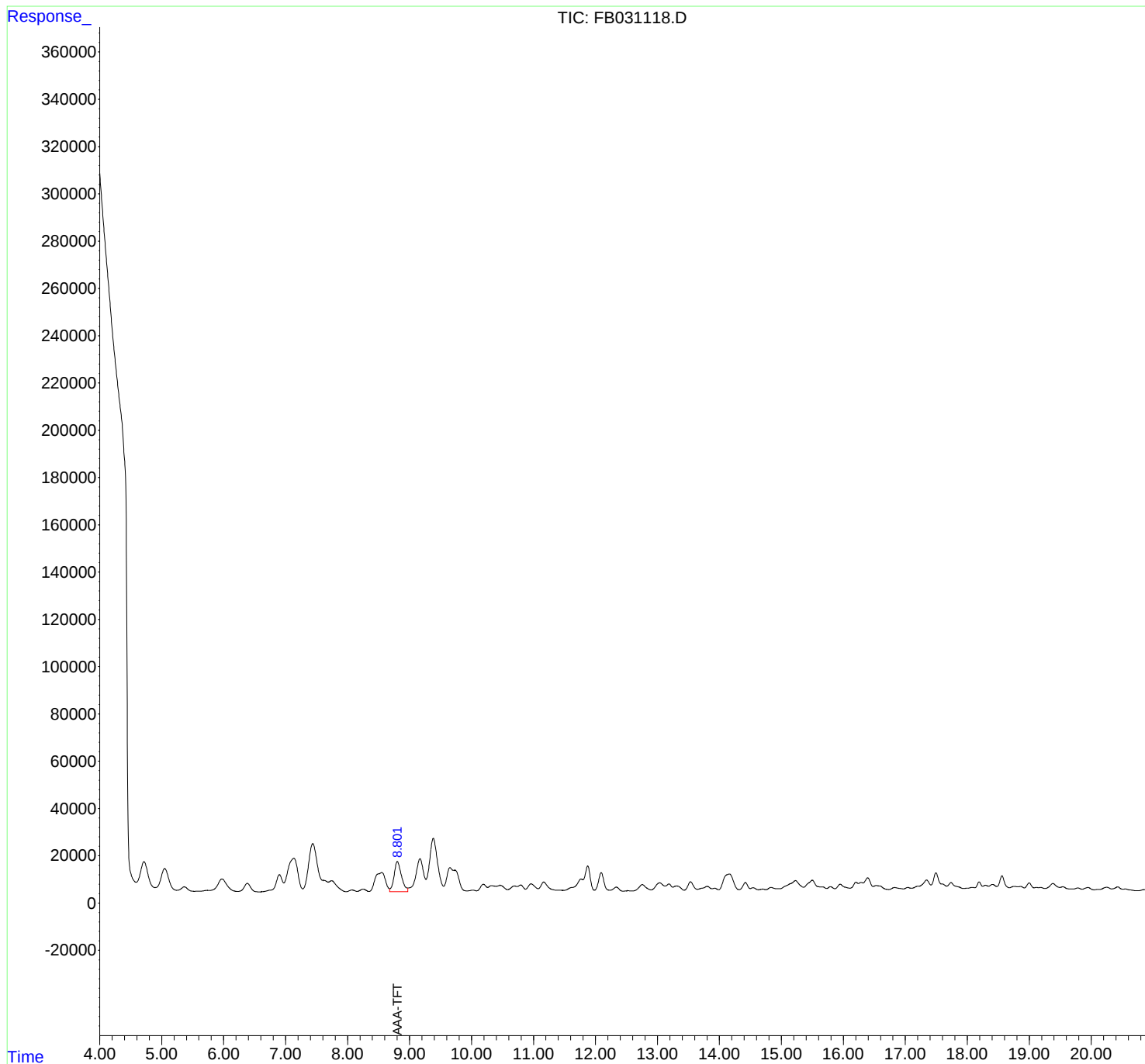
(m)=manual int.

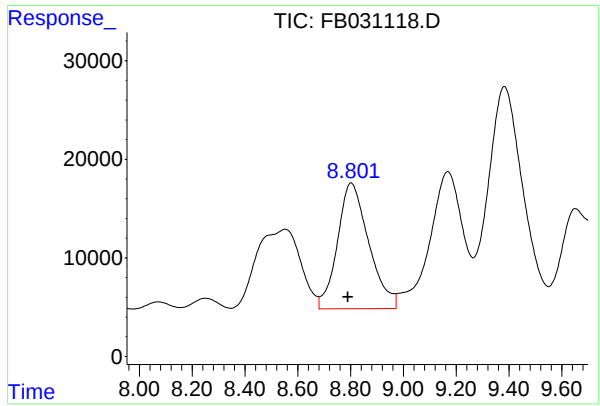
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031118.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 21:36
Operator : YP/AJ
Sample : P4721-09 50X
Misc : 6.86G/5.00 ML MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-2

Integration File: Calibration.e
Quant Time: Nov 07 01:53:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.803 min
Delta R.T.: 0.012 min
Response: 1051760
Conc: 38.10 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-2

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031118.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 21:36
 Sample : P4721-09 50X
 Misc : 6.86G/5.00 ML ME0H
 ALS Vial : 17 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.554	4.896	BV	9434	684830	29.55%	3.525%
2	5.737	5.528	5.776	PV	475	31416	1.36%	0.162%
3	5.974	5.776	6.221	VV	5344	564504	24.36%	2.905%
4	6.383	6.221	6.559	VV	3564	258801	11.17%	1.332%
5	7.133	6.972	7.278	VV	14202	1592342	68.71%	8.196%
6	7.439	7.278	7.690	VV	20365	2317335	100.00%	11.927%
7	7.744	7.690	7.982	VV	4677	412021	17.78%	2.121%
8	8.072	7.982	8.156	VV	727	42410	1.83%	0.218%
9	8.252	8.156	8.349	VV	1088	68494	2.96%	0.353%
10	8.552	8.349	8.683	VV	8102	937021	40.44%	4.823%
11	8.803	8.683	8.971	VV	12779	1049893	45.31%	5.404%
12	9.169	8.971	9.265	VV	13897	1211169	52.27%	6.234%
13	9.384	9.265	9.550	VV	22539	2061226	88.95%	10.609%
14	9.654	9.550	9.941	VV	10128	1241740	53.58%	6.391%
15	10.023	9.941	10.080	VV	581	35697	1.54%	0.184%
16	10.192	10.080	10.261	VV	3063	201880	8.71%	1.039%
17	10.326	10.261	10.395	VV	2448	178869	7.72%	0.921%
18	10.463	10.395	10.584	VV	2586	219957	9.49%	1.132%
19	10.693	10.584	10.735	VV	2301	156053	6.73%	0.803%
20	10.793	10.735	10.873	VV	2730	170934	7.38%	0.880%
21	10.962	10.873	11.075	VV	3211	259328	11.19%	1.335%
22	11.167	11.075	11.483	VV	3972	368854	15.92%	1.898%
23	11.769	11.483	11.795	VV	5224	430648	18.58%	2.216%
24	11.875	11.795	11.983	VV	10754	663074	28.61%	3.413%
25	12.093	11.983	12.240	VV	7906	486697	21.00%	2.505%
26	12.337	12.240	12.447	VV	1769	111606	4.82%	0.574%
27	12.525	12.447	12.596	PV	212	10289	0.44%	0.053%
28	12.757	12.596	12.902	VV	2749	228805	9.87%	1.178%
29	13.037	12.902	13.126	VV	3401	298017	12.86%	1.534%
30	13.186	13.126	13.251	VV	2915	172530	7.45%	0.888%
31	13.308	13.251	13.431	VV	2036	150032	6.47%	0.772%
32	13.535	13.431	13.647	VV	3694	228982	9.88%	1.179%
33	13.804	13.647	13.883	VV	1707	150827	6.51%	0.776%
34	13.924	13.883	13.986	VV	894	40391	1.74%	0.208%
35	14.158	13.986	14.318	VV	6831	724762	31.28%	3.730%
36	14.421	14.318	14.500	VV	3100	168615	7.28%	0.868%

					rteres			
37	14.544	14.500	14.634	VV	918	43126	1.86%	0.222%
38	14.699	14.634	14.756	PV	308	11051	0.48%	0.057%
39	14.833	14.756	14.971	VV	952	66885	2.89%	0.344%
40	15.229	14.971	15.363	VV	3720	449309	19.39%	2.313%
41	15.499	15.363	15.731	VV	3781	373282	16.11%	1.921%
42	15.794	15.731	15.864	VV	918	38670	1.67%	0.199%
43	15.951	15.864	16.104	PV	1829	105568	4.56%	0.543%
44	16.205	16.104	16.244	PV	2321	102369	4.42%	0.527%
45	16.287	16.244	16.320	VV	2103	88697	3.83%	0.457%
46	16.393	16.320	16.483	VV	3845	220384	9.51%	1.134%
			Sum of corrected areas:				19429390	

FB102824.M Thu Nov 07 03:01:23 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-10	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.2
Sample Wt/Vol:	6.91	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
FB031119.D	50	11/06/24 22:02	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	18700		328	1910	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	41.8	*	50 - 150	209%	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\FB110624\
Data File : FB031119.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 22:02
Operator : YP/AJ
Sample : P4721-10 50X
Misc : 6.91G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-3

Integration File: Calibration.e
Quant Time: Nov 07 01:53:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.806	1153833	41.801 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

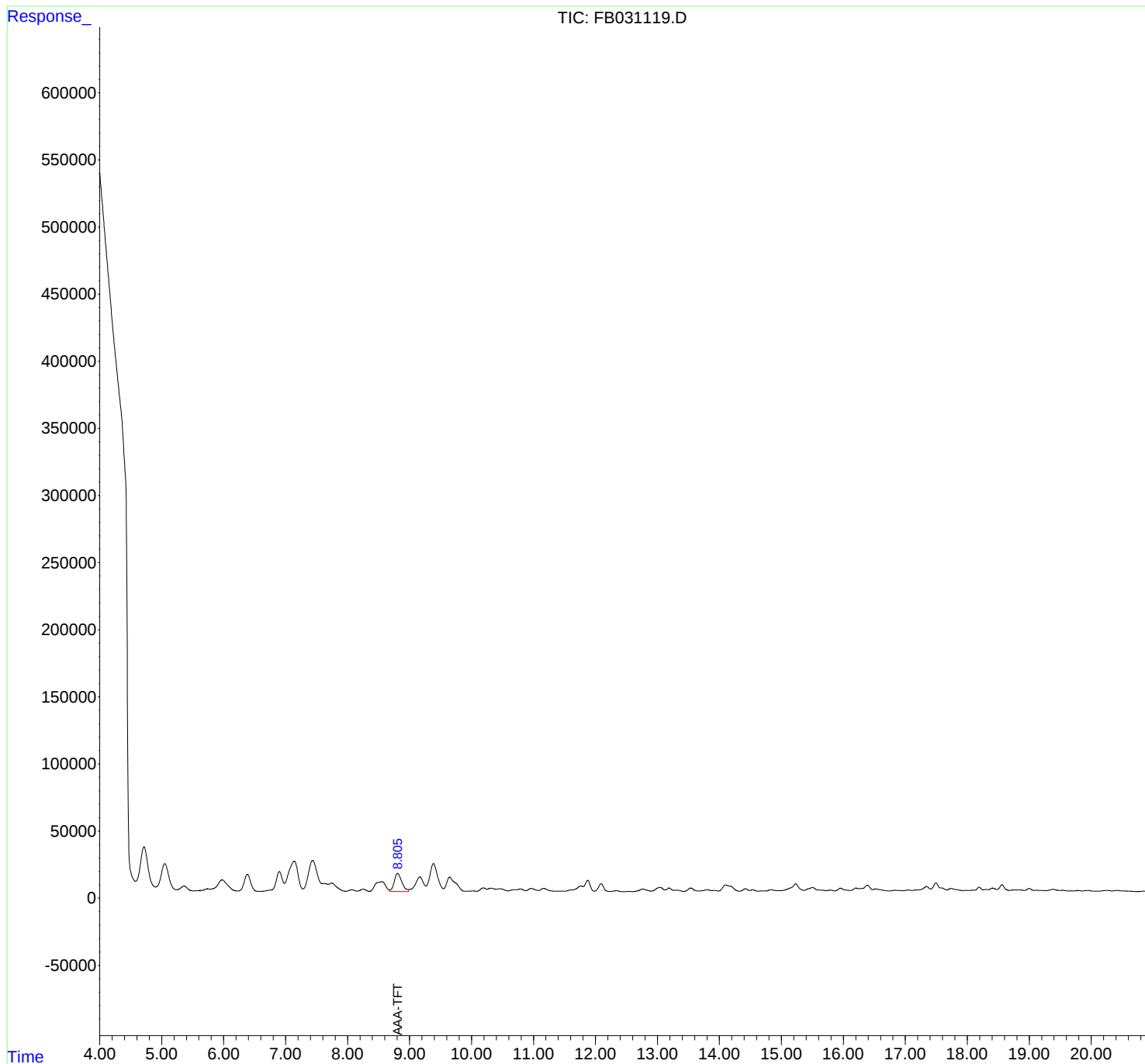
(m)=manual int.

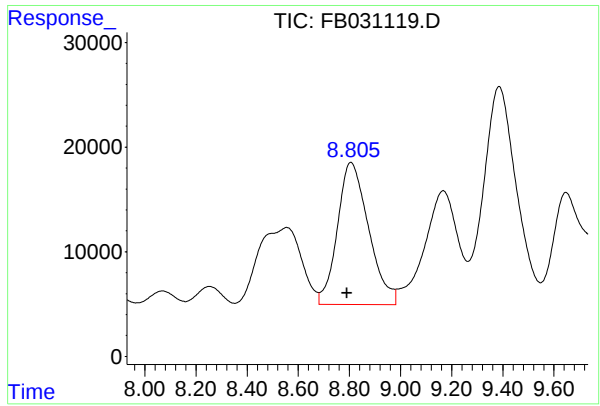
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031119.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 22:02
Operator : YP/AJ
Sample : P4721-10 50X
Misc : 6.91G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-3

Integration File: Calibration.e
Quant Time: Nov 07 01:53:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.806 min
Delta R.T.: 0.016 min
Response: 1153833
Conc: 41.80 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031119.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 22:02
 Sample : P4721-10 50X
 Misc : 6.91G/5.00 ML ME0H
 ALS Vial : 18 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.537	4.908	BV	26635	1950533	81.81%	9.251%
2	5.606	5.514	5.622	PV	280	9941	0.42%	0.047%
3	5.738	5.622	5.787	VV	1605	101051	4.24%	0.479%
4	5.975	5.787	6.225	VV	8343	967713	40.59%	4.590%
5	6.383	6.225	6.590	VV	12648	906464	38.02%	4.299%
6	7.140	6.982	7.280	VV	22630	2384086	100.00%	11.308%
7	7.436	7.280	7.596	VV	23110	2372749	99.52%	11.254%
8	7.630	7.596	7.686	VV	5982	307592	12.90%	1.459%
9	7.744	7.686	7.969	VV	6255	555711	23.31%	2.636%
10	8.069	7.969	8.158	VV	1272	80524	3.38%	0.382%
11	8.254	8.158	8.355	VV	1708	108669	4.56%	0.515%
12	8.554	8.355	8.680	VV	7362	855452	35.88%	4.057%
13	8.806	8.680	8.981	VV	13576	1153727	48.39%	5.472%
14	9.167	8.981	9.264	VV	10908	986886	41.39%	4.681%
15	9.386	9.264	9.547	VV	20871	1863229	78.15%	8.837%
16	9.648	9.547	9.952	VV	10764	1114233	46.74%	5.285%
17	10.020	9.952	10.086	VV	473	28351	1.19%	0.134%
18	10.191	10.086	10.254	VV	2790	177110	7.43%	0.840%
19	10.313	10.254	10.400	VV	2613	192466	8.07%	0.913%
20	10.460	10.400	10.586	VV	2130	176773	7.41%	0.838%
21	10.691	10.586	10.726	VV	1459	95888	4.02%	0.455%
22	10.791	10.726	10.872	VV	2041	132135	5.54%	0.627%
23	10.965	10.872	11.080	VV	2354	196536	8.24%	0.932%
24	11.166	11.080	11.373	VV	2437	209216	8.78%	0.992%
25	11.411	11.373	11.480	VV	383	23426	0.98%	0.111%
26	11.764	11.480	11.799	VV	4309	370016	15.52%	1.755%
27	11.875	11.799	11.983	VV	8509	507980	21.31%	2.409%
28	12.091	11.983	12.240	VV	5983	356416	14.95%	1.690%
29	12.336	12.240	12.442	VV	806	51111	2.14%	0.242%
30	12.537	12.442	12.594	PV	177	10274	0.43%	0.049%
31	12.763	12.594	12.900	VV	1925	167720	7.03%	0.795%
32	13.040	12.900	13.127	VV	3150	259249	10.87%	1.230%
33	13.190	13.127	13.269	VV	2617	147019	6.17%	0.697%
34	13.305	13.269	13.427	VV	983	63858	2.68%	0.303%
35	13.537	13.427	13.659	VV	2551	165362	6.94%	0.784%
36	13.804	13.659	13.883	VV	1301	104413	4.38%	0.495%

					rteres				
37	13.924	13.883	13.987	VV	766	36317	1.52%	0.172%	
38	14.103	13.987	14.323	VV	4767	498052	20.89%	2.362%	
39	14.421	14.323	14.489	VV	1892	97350	4.08%	0.462%	
40	14.539	14.489	14.629	VV	1094	50034	2.10%	0.237%	
41	14.698	14.629	14.751	PV	272	11356	0.48%	0.054%	
42	14.835	14.751	14.990	VV	1033	78418	3.29%	0.372%	
43	15.231	14.990	15.363	VV	5385	475028	19.92%	2.253%	
44	15.503	15.363	15.730	VV	2614	250357	10.50%	1.187%	
45	15.793	15.730	15.863	VV	608	26065	1.09%	0.124%	
46	15.955	15.863	16.107	PV	1911	105842	4.44%	0.502%	
47	16.205	16.107	16.251	PV	1630	74210	3.11%	0.352%	
48	16.390	16.251	16.474	VV	3451	226884	9.52%	1.076%	
					Sum of corrected areas:	21083793			

FB102824.M Thu Nov 07 03:02:31 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.4
Sample Wt/Vol:	8.02	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
FB031146.D	1000	11/07/24 19:50	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	295000		5380	31400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	35.0	*	50 - 150	175%	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\FB110724\
Data File : FB031146.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 19:50
Operator : YP/AJ
Sample : P4721-11 1000X
Misc : 8.02G/5.00 ML MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-4

Integration File: Calibration.e
Quant Time: Nov 08 02:47:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.806	964632	34.947 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

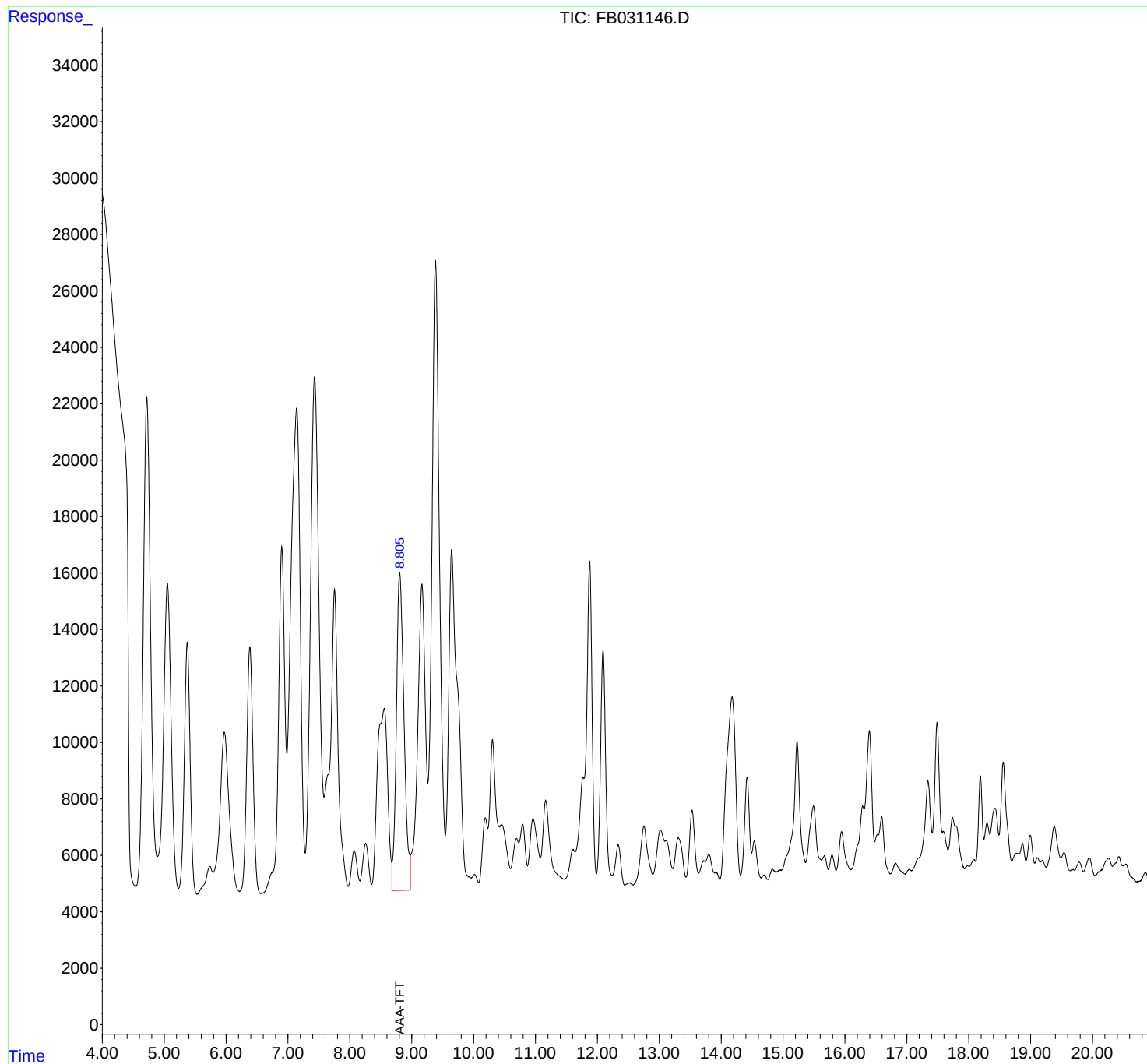
(m)=manual int.

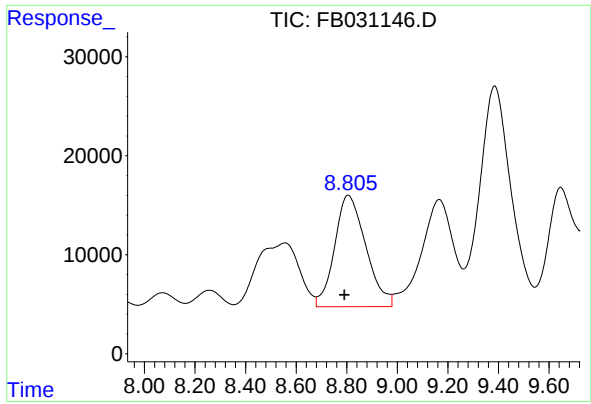
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031146.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 19:50
Operator : YP/AJ
Sample : P4721-11 1000X
Misc : 8.02G/5.00 ML MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-4

Integration File: Calibration.e
Quant Time: Nov 08 02:47:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.806 min
Delta R.T.: 0.015 min
Response: 964632
Conc: 34.95 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031146.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 19:50
Sample : P4721-11 1000X
Misc : 8.02G/5.00 ML ME0H
ALS Vial : 22 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.504	4.898	BV	17314	1406629	73.72%	6.994%
2	5.741	5.539	5.798	PV	970	78244	4.10%	0.389%
3	5.973	5.798	6.221	VV	5730	602194	31.56%	2.994%
4	6.386	6.221	6.567	VV	8754	615441	32.26%	3.060%
5	6.901	6.567	6.984	PV	12271	885482	46.41%	4.403%
6	7.142	6.984	7.280	VV	17160	1836849	96.27%	9.133%
7	7.431	7.280	7.586	VV	18268	1767215	92.62%	8.787%
8	7.754	7.586	7.974	VV	10714	1015054	53.20%	5.047%
9	8.072	7.974	8.165	VV	1449	96357	5.05%	0.479%
10	8.257	8.165	8.353	VV	1689	113171	5.93%	0.563%
11	8.555	8.353	8.680	VV	6461	752532	39.44%	3.742%
12	8.806	8.680	8.978	VV	11275	965284	50.59%	4.800%
13	9.166	8.978	9.262	VV	10832	947336	49.65%	4.710%
14	9.385	9.262	9.544	VV	22279	1907986	100.00%	9.487%
15	9.647	9.544	9.958	VV	12026	1243049	65.15%	6.181%
16	10.015	9.958	10.080	VV	509	29673	1.56%	0.148%
17	10.191	10.080	10.230	VV	2502	138957	7.28%	0.691%
18	10.307	10.230	10.425	VV	5263	393221	20.61%	1.955%
19	10.454	10.425	10.597	VV	2224	167409	8.77%	0.832%
20	10.694	10.597	10.730	VV	1750	106874	5.60%	0.531%
21	10.792	10.730	10.872	VV	2234	142844	7.49%	0.710%
22	10.962	10.872	11.078	VV	2442	209715	10.99%	1.043%
23	11.166	11.078	11.464	VV	3076	278191	14.58%	1.383%
24	11.609	11.464	11.644	VV	1301	85936	4.50%	0.427%
25	11.876	11.644	11.985	VV	11519	915358	47.98%	4.551%
26	12.093	11.985	12.239	VV	8333	492932	25.84%	2.451%
27	12.337	12.239	12.447	VV	1448	88999	4.66%	0.443%
28	12.517	12.447	12.580	VV	82	3582	0.19%	0.018%
29	12.753	12.580	12.897	PV	2081	171810	9.00%	0.854%
30	13.021	12.897	13.217	VV	1903	238871	12.52%	1.188%
31	13.310	13.217	13.432	VV	1611	131875	6.91%	0.656%
32	13.531	13.432	13.638	VV	2568	154750	8.11%	0.769%
33	13.802	13.638	13.978	VV	982	113724	5.96%	0.565%
34	14.176	13.978	14.315	VV	6517	662135	34.70%	3.292%
35	14.420	14.315	14.495	VV	3651	202243	10.60%	1.006%
36	14.537	14.495	14.648	VV	1391	70272	3.68%	0.349%

						rteres		
37	14.698	14.648	14.753	VV	160	6098	0.32%	0.030%
38	14.830	14.753	14.888	PV	343	17186	0.90%	0.085%
39	15.228	14.888	15.365	VV	4747	394313	20.67%	1.961%
40	15.491	15.365	15.619	VV	2414	197051	10.33%	0.980%
41	15.668	15.619	15.731	VV	606	28824	1.51%	0.143%
42	15.792	15.731	15.858	VV	593	25011	1.31%	0.124%
43	15.946	15.858	16.098	VV	1383	79265	4.15%	0.394%
44	16.395	16.098	16.482	PV	4151	331765	17.39%	1.650%
						Sum of corrected areas:	20111708	

FB102824.M Fri Nov 08 04:08:36 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-5	SDG No.:	P4721
Lab Sample ID:	P4721-12	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.9
Sample Wt/Vol:	8.84	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
FB031163.D	1	11/08/24 10:09	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	317		5.00	29.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	25.6		50 - 150	128%	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\FB110724\
Data File : FB031163.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 10:09
Operator : YP/AJ
Sample : P4721-12
Misc : 8.84G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-5

Integration File: Calibration.e
Quant Time: Nov 08 23:31:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.850	706222	25.585 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

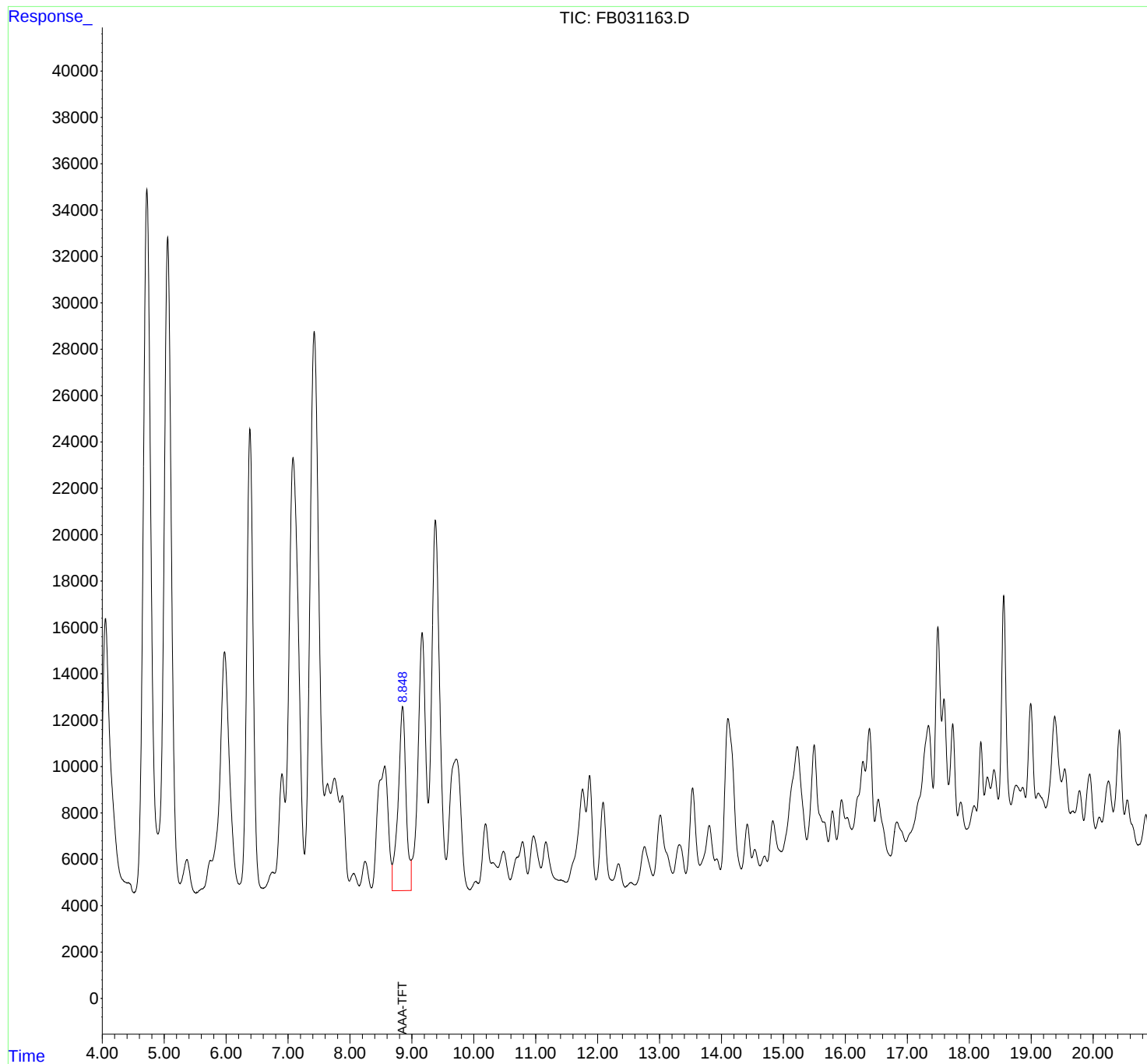
(m)=manual int.

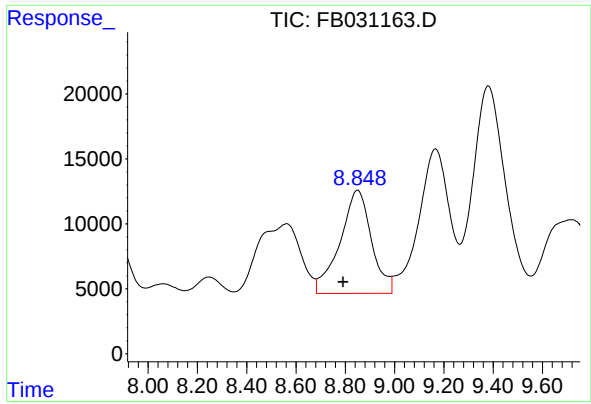
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031163.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 10:09
Operator : YP/AJ
Sample : P4721-12
Misc : 8.84G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-5

Integration File: Calibration.e
Quant Time: Nov 08 23:31:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.850 min
Delta R.T.: 0.059 min
Response: 706222
Conc: 25.59 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031163.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 10:09
Sample : P4721-12
Misc : 8.84G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.721	4.514	4.900	PV	30345	2597453	100.00%	11.435%
2	5.749	5.515	5.768	PV	1414	77915	3.00%	0.343%
3	5.976	5.768	6.216	VV	10391	1150200	44.28%	5.064%
4	6.385	6.216	6.601	VV	19985	1448014	55.75%	6.375%
5	6.748	6.601	6.785	VV	871	60863	2.34%	0.268%
6	6.904	6.785	6.955	VV	5100	325362	12.53%	1.432%
7	7.082	6.955	7.267	VV	18737	1984065	76.39%	8.735%
8	7.423	7.267	7.590	VV	24163	2417074	93.06%	10.641%
9	7.638	7.590	7.687	VV	4648	258160	9.94%	1.137%
10	7.751	7.687	7.837	VV	4888	400340	15.41%	1.762%
11	7.874	7.837	7.992	VV	4128	236050	9.09%	1.039%
12	8.061	7.992	8.149	VV	770	52346	2.02%	0.230%
13	8.247	8.149	8.348	VV	1279	84545	3.25%	0.372%
14	8.561	8.348	8.683	VV	5382	641827	24.71%	2.826%
15	8.850	8.683	8.989	VV	7941	706224	27.19%	3.109%
16	9.166	8.989	9.265	VV	11118	957671	36.87%	4.216%
17	9.380	9.265	9.553	VV	15961	1446647	55.69%	6.369%
18	9.716	9.553	9.935	VV	5632	696254	26.81%	3.065%
19	10.032	9.935	10.072	PV	351	17450	0.67%	0.077%
20	10.191	10.072	10.397	VV	2831	274335	10.56%	1.208%
21	10.480	10.397	10.587	VV	1636	129767	5.00%	0.571%
22	10.787	10.587	10.872	VV	2035	213652	8.23%	0.941%
23	10.966	10.872	11.085	VV	2281	196415	7.56%	0.865%
24	11.165	11.085	11.376	VV	2013	177206	6.82%	0.780%
25	11.404	11.376	11.492	VV	349	22119	0.85%	0.097%
26	11.757	11.492	11.812	VV	4267	390329	15.03%	1.718%
27	11.870	11.812	11.973	VV	4847	284175	10.94%	1.251%
28	12.089	11.973	12.240	VV	3684	249533	9.61%	1.099%
29	12.337	12.240	12.447	VV	1021	66393	2.56%	0.292%
30	12.537	12.447	12.600	PV	189	10133	0.39%	0.045%
31	12.757	12.600	12.894	VV	1690	151072	5.82%	0.665%
32	13.012	12.894	13.214	VV	3000	289706	11.15%	1.275%
33	13.322	13.214	13.425	VV	1657	137344	5.29%	0.605%
34	13.534	13.425	13.654	VV	4063	278998	10.74%	1.228%
35	13.803	13.654	13.981	VV	2388	247709	9.54%	1.091%
36	14.107	13.981	14.320	VV	6923	690853	26.60%	3.041%

					rteres			
37	14.417	14.320	14.492	VV	2317	143616	5.53%	0.632%
38	14.539	14.492	14.628	VV	1205	71578	2.76%	0.315%
39	14.696	14.628	14.739	VV	881	48387	1.86%	0.213%
40	14.831	14.739	14.965	VV	2378	203148	7.82%	0.894%
41	15.224	14.965	15.378	VV	5498	770771	29.67%	3.393%
42	15.497	15.378	15.725	VV	5516	599741	23.09%	2.640%
43	15.793	15.725	15.862	VV	2605	159647	6.15%	0.703%
44	15.940	15.862	16.105	VV	3051	326934	12.59%	1.439%
45	16.287	16.105	16.322	VV	4637	421048	16.21%	1.854%
46	16.389	16.322	16.476	VV	6041	409711	15.77%	1.804%
47	16.532	16.476	16.604	VBA	2956	192091	7.40%	0.846%
Sum of corrected areas:						22714875		

FB102824.M Fri Nov 08 23:54:56 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-6	SDG No.:	P4721
Lab Sample ID:	P4721-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.6
Sample Wt/Vol:	8.03	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
FB031122.D	50	11/06/24 23:23	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	3060		287	1680	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	22.6		50 - 150	113%	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\FB110624\
Data File : FB031122.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 23:23
Operator : YP/AJ
Sample : P4721-13 50X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-6

Integration File: Calibration.e
Quant Time: Nov 07 01:53:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	624865	22.638 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

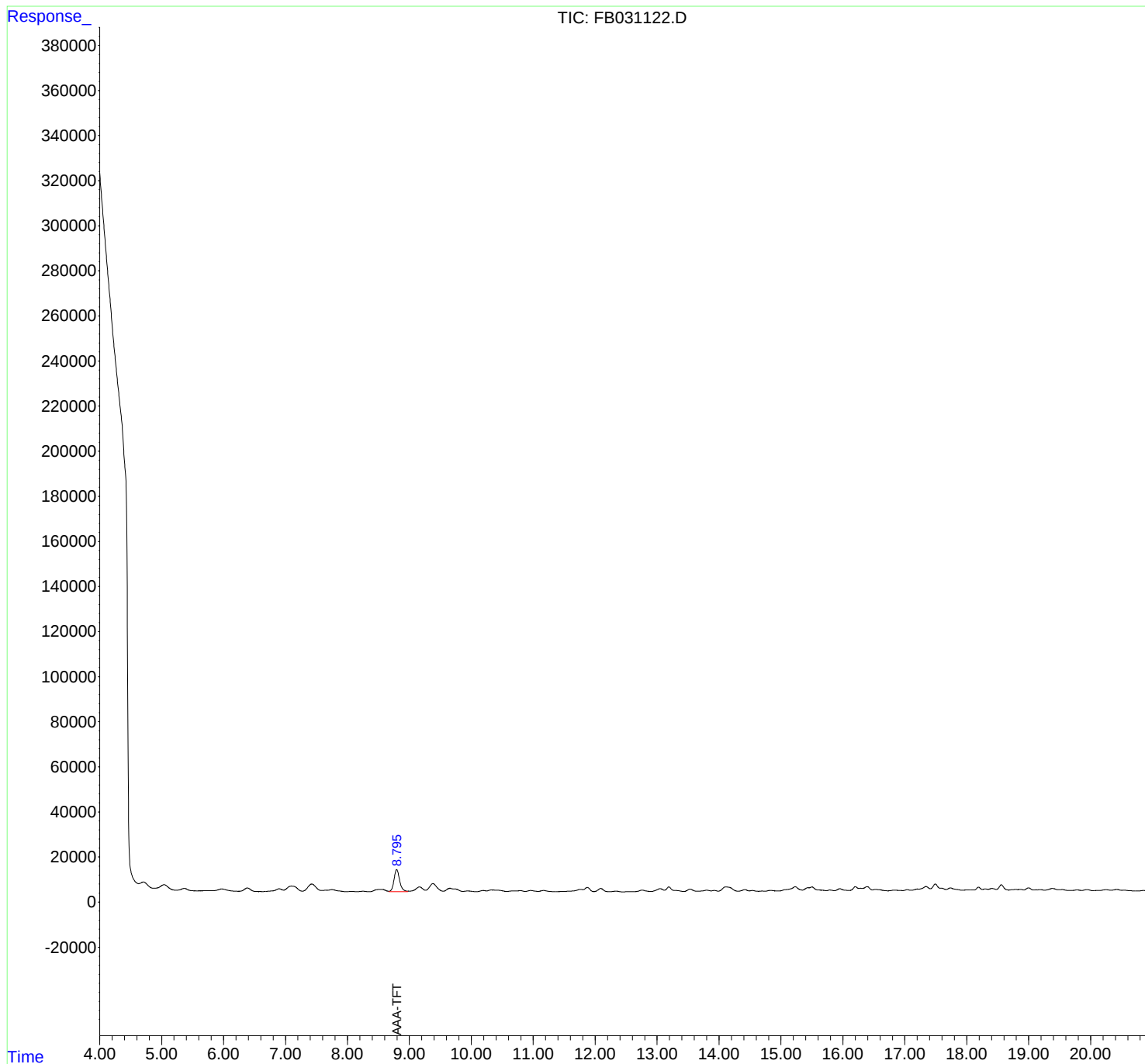
(m)=manual int.

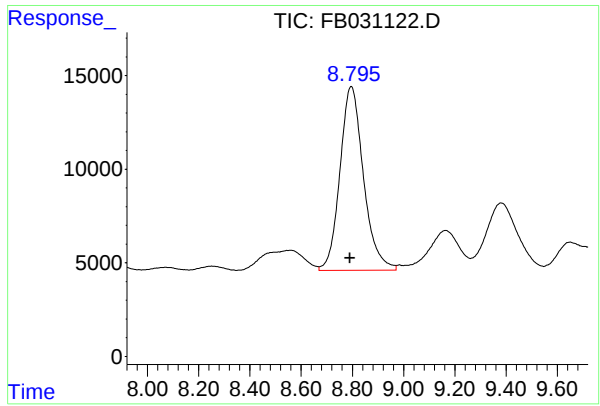
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031122.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 23:23
Operator : YP/AJ
Sample : P4721-13 50X
Misc : 8.03G/5.00 ML MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-6

Integration File: Calibration.e
Quant Time: Nov 07 01:53:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.796 min
Delta R.T.: 0.006 min
Response: 624865
Conc: 22.64 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-6

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031122.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 23:23
 Sample : P4721-13 50X
 Misc : 8.03G/5.00 ML ME0H
 ALS Vial : 21 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.705	4.587	4.877	BV	1242	64426	10.28%	1.482%
2	5.527	5.518	5.538	PV	19	79	0.01%	0.002%
3	5.549	5.538	5.569	VV	19	187	0.03%	0.004%
4	5.578	5.569	5.585	VV	18	115	0.02%	0.003%
5	5.680	5.585	5.688	VV	93	2944	0.47%	0.068%
6	5.725	5.688	5.802	VV	140	7798	1.24%	0.179%
7	5.973	5.802	6.231	VV	965	99688	15.91%	2.293%
8	6.246	6.231	6.253	VV	17	181	0.03%	0.004%
9	6.384	6.253	6.565	VV	1512	104425	16.66%	2.402%
10	6.586	6.565	6.624	PV	19	400	0.06%	0.009%
11	7.095	6.945	7.266	BV	1929	189188	30.19%	4.352%
12	7.425	7.266	7.581	PV	3221	288992	46.11%	6.648%
13	7.641	7.581	7.674	VV	526	26923	4.30%	0.619%
14	7.751	7.674	7.980	VV	879	78135	12.47%	1.797%
15	8.071	7.980	8.164	PV	153	8315	1.33%	0.191%
16	8.251	8.164	8.350	VV	221	12641	2.02%	0.291%
17	8.558	8.350	8.669	PV	1077	121480	19.38%	2.794%
18	8.796	8.669	8.970	VV	9835	626730	100.00%	14.417%
19	8.984	8.970	8.999	VV	304	4831	0.77%	0.111%
20	9.165	8.999	9.262	VV	2147	178682	28.51%	4.110%
21	9.381	9.262	9.547	VV	3613	311798	49.75%	7.172%
22	9.650	9.547	9.862	VV	1530	176461	28.16%	4.059%
23	9.943	9.862	10.082	VV	344	28478	4.54%	0.655%
24	10.192	10.082	10.246	VV	563	33708	5.38%	0.775%
25	10.326	10.246	10.575	VV	790	113916	18.18%	2.620%
26	10.673	10.575	10.721	VV	363	26187	4.18%	0.602%
27	10.796	10.721	10.872	VV	511	34049	5.43%	0.783%
28	10.956	10.872	11.073	VV	562	43915	7.01%	1.010%
29	11.165	11.073	11.372	VV	581	49366	7.88%	1.136%
30	11.762	11.372	11.802	VV	1111	110424	17.62%	2.540%
31	11.874	11.802	11.984	VV	1996	119329	19.04%	2.745%
32	12.091	11.984	12.246	VV	1494	93277	14.88%	2.146%
33	12.338	12.246	12.468	VV	325	19971	3.19%	0.459%
34	12.545	12.468	12.587	PV	45	2375	0.38%	0.055%
35	12.760	12.587	12.902	VV	744	56778	9.06%	1.306%
36	13.051	12.902	13.120	VV	1361	100294	16.00%	2.307%

					rters				
37	13.191	13.120	13.426	VV	2122	147830	23.59%	3.401%	
38	13.533	13.426	13.653	VV	1098	68505	10.93%	1.576%	
39	13.799	13.653	13.872	VV	571	44524	7.10%	1.024%	
40	13.922	13.872	13.989	VV	458	22942	3.66%	0.528%	
41	14.112	13.989	14.305	VV	2006	210032	33.51%	4.831%	
42	14.418	14.305	14.489	VV	790	45409	7.25%	1.045%	
43	14.539	14.489	14.637	VV	369	17366	2.77%	0.399%	
44	14.695	14.637	14.750	PV	95	3602	0.57%	0.083%	
45	14.831	14.750	14.967	VV	384	24825	3.96%	0.571%	
46	15.230	14.967	15.346	VV	1918	193159	30.82%	4.443%	
47	15.433	15.346	15.450	VV	1380	59658	9.52%	1.372%	
48	15.501	15.450	15.638	VV	1740	111932	17.86%	2.575%	
49	15.650	15.638	15.736	VV	343	12489	1.99%	0.287%	
50	15.792	15.736	15.861	VV	342	13616	2.17%	0.313%	
51	15.950	15.861	16.093	PV	827	45581	7.27%	1.049%	
52	16.201	16.093	16.259	PV	1608	76366	12.18%	1.757%	
53	16.284	16.259	16.316	VV	825	27015	4.31%	0.621%	
54	16.391	16.316	16.478	VV	1501	85915	13.71%	1.976%	
					Sum of corrected areas:	4347254			

FB102824.M Thu Nov 07 03:06:05 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7	SDG No.:	P4721
Lab Sample ID:	P4721-14	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.8
Sample Wt/Vol:	7.87	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
FB031166.D	10000	11/08/24 11:42	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	2860000		56600	329000	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	27.5		50 - 150	138%	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\FB110724\
Data File : FB031166.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 11:42
Operator : YP/AJ
Sample : P4721-14 10000X
Misc : 7.87G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-7

Integration File: Calibration.e
Quant Time: Nov 08 23:32:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.803	760118	27.538 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

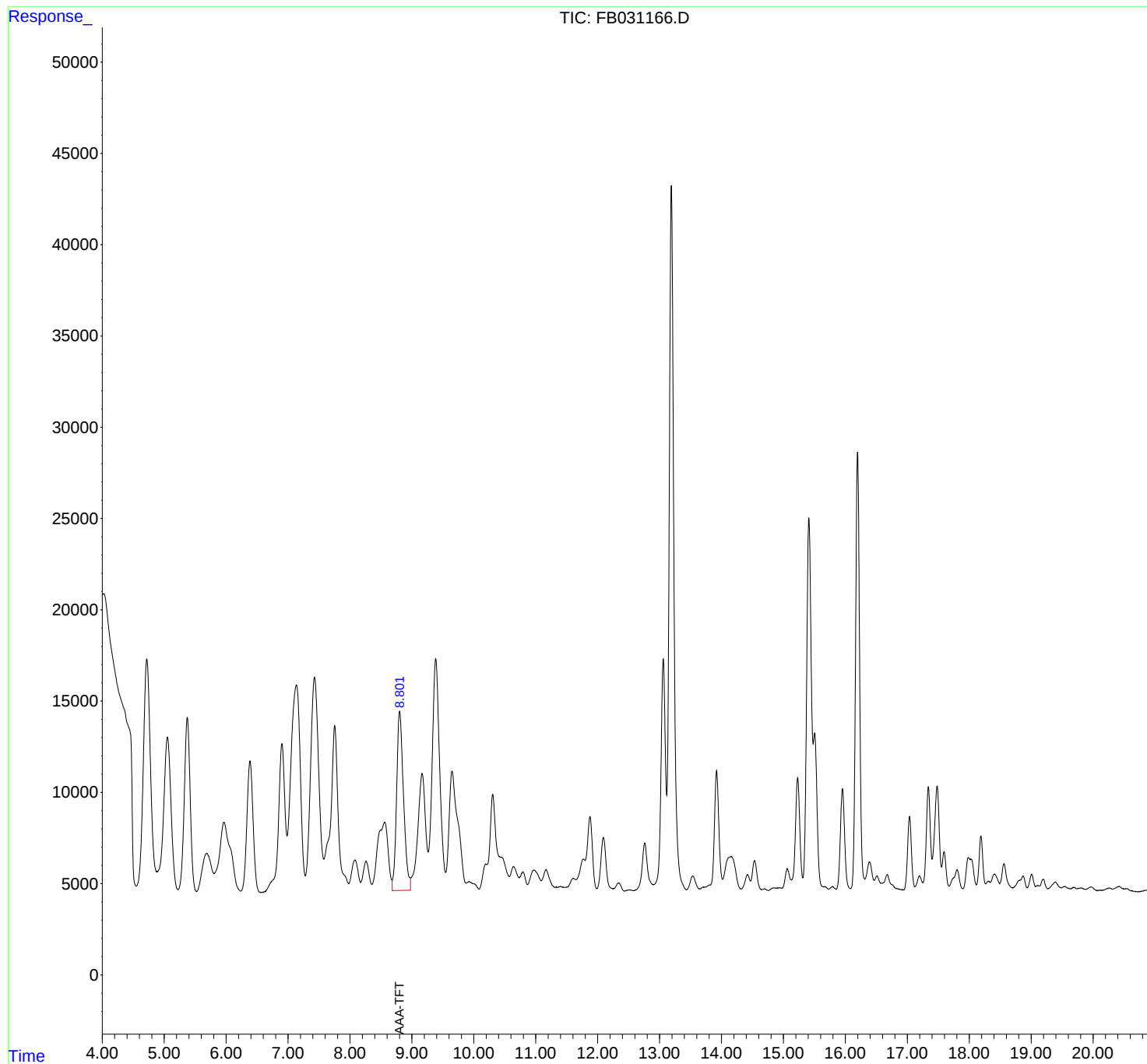
(m)=manual int.

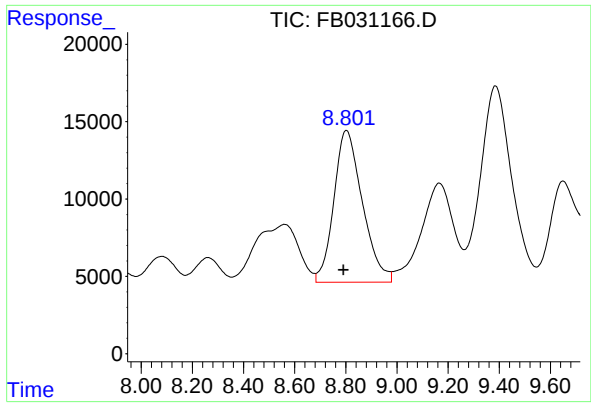
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031166.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 11:42
Operator : YP/AJ
Sample : P4721-14 10000X
Misc : 7.87G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-7

Integration File: Calibration.e
Quant Time: Nov 08 23:32:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.803 min
Delta R.T.: 0.012 min
Response: 760118
Conc: 27.54 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-7

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031166.D
 Signal(s) : FID2B.CH
 Acq On : 8 Nov 2024 11:42
 Sample : P4721-14 10000X
 Misc : 7.87G/5.00 ML ME0H
 ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.721	4.520	4.888	BV	12332	965480	48.01%	5.237%
2	5.691	5.524	5.805	PV	2106	216028	10.74%	1.172%
3	5.967	5.805	6.241	VV	3827	491581	24.45%	2.667%
4	6.386	6.241	6.581	VV	7209	498370	24.78%	2.703%
5	6.902	6.581	6.986	PV	8168	606620	30.17%	3.291%
6	7.136	6.986	7.280	VV	11382	1213102	60.33%	6.581%
7	7.428	7.280	7.580	VV	11797	1105485	54.98%	5.997%
8	7.755	7.580	7.980	VV	9135	816240	40.59%	4.428%
9	8.081	7.980	8.174	VV	1777	135696	6.75%	0.736%
10	8.261	8.174	8.355	VV	1696	117627	5.85%	0.638%
11	8.560	8.355	8.679	VV	3844	459027	22.83%	2.490%
12	8.803	8.679	8.978	VV	9917	778903	38.74%	4.225%
13	9.166	8.978	9.263	VV	6500	576550	28.67%	3.128%
14	9.386	9.263	9.545	VV	12786	1091871	54.30%	5.923%
15	9.650	9.545	9.885	VV	6622	680327	33.83%	3.691%
16	9.925	9.885	10.083	VV	567	51507	2.56%	0.279%
17	10.306	10.083	10.573	VV	5349	594475	29.56%	3.225%
18	10.643	10.573	10.733	VV	1388	105009	5.22%	0.570%
19	10.793	10.733	10.869	VV	1086	66880	3.33%	0.363%
20	10.972	10.869	11.090	VV	1192	117213	5.83%	0.636%
21	11.167	11.090	11.343	VV	1225	100150	4.98%	0.543%
22	11.402	11.343	11.489	VV	290	22170	1.10%	0.120%
23	11.606	11.489	11.647	VV	735	48151	2.39%	0.261%
24	11.877	11.647	11.987	VV	4107	361194	17.96%	1.959%
25	12.093	11.987	12.262	VV	2962	180018	8.95%	0.977%
26	12.338	12.262	12.437	VV	458	27628	1.37%	0.150%
27	12.514	12.437	12.591	VV	82	5483	0.27%	0.030%
28	12.761	12.591	12.900	VV	2649	171342	8.52%	0.929%
29	13.060	12.900	13.114	VV	12718	631063	31.38%	3.423%
30	13.191	13.114	13.435	VV	38601	2010842	100.00%	10.908%
31	13.537	13.435	13.650	VV	834	54606	2.72%	0.296%
32	13.921	13.650	14.020	VV	6585	361033	17.95%	1.958%
33	14.153	14.020	14.322	VV	1891	214341	10.66%	1.163%
34	14.420	14.322	14.468	VV	894	48184	2.40%	0.261%
35	14.534	14.468	14.653	VV	1671	89692	4.46%	0.487%
36	14.694	14.653	14.762	VV	127	4970	0.25%	0.027%

					rters				
37	14.847	14.762	14.878	VV	167	8565	0.43%	0.046%	
38	14.936	14.878	14.972	VV	165	9036	0.45%	0.049%	
39	15.063	14.972	15.129	VV	1210	66117	3.29%	0.359%	
40	15.230	15.129	15.312	VV	6197	315838	15.71%	1.713%	
41	15.412	15.312	15.736	VV	20380	1457776	72.50%	7.908%	
42	15.792	15.736	15.853	VV	236	10692	0.53%	0.058%	
43	15.954	15.853	16.081	VV	5592	272043	13.53%	1.476%	
44	16.198	16.081	16.315	VV	24008	1091862	54.30%	5.923%	
45	16.391	16.315	16.467	VV	1566	96576	4.80%	0.524%	
46	16.510	16.467	16.589	VV	803	43824	2.18%	0.238%	
47	16.676	16.589	16.705	VBA	883	43145	2.15%	0.234%	
					Sum of corrected areas:		18434335		

FB102824.M Sat Nov 09 00:01:33 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-8	SDG No.:	P4721
Lab Sample ID:	P4721-15	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.2
Sample Wt/Vol:	8.69	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
FB031140.D	1	11/07/24 17:10	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	265		5.00	30.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.2		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\FB110724\
Data File : FB031140.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 17:10
Operator : YP/AJ
Sample : P4721-15
Misc : 8.69G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-8

Integration File: Calibration.e
Quant Time: Nov 08 02:47:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.839	556834	20.173 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

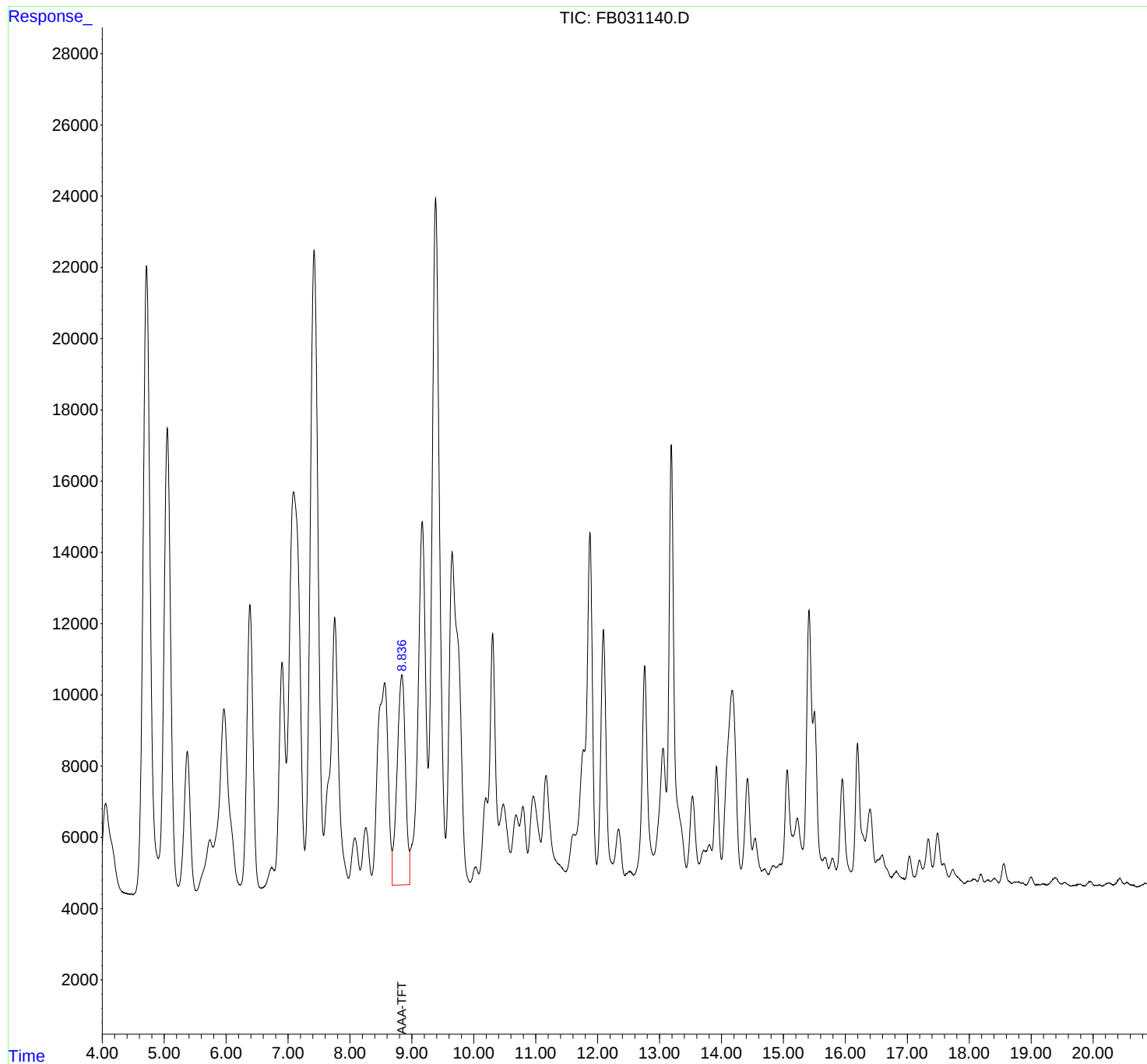
(m)=manual int.

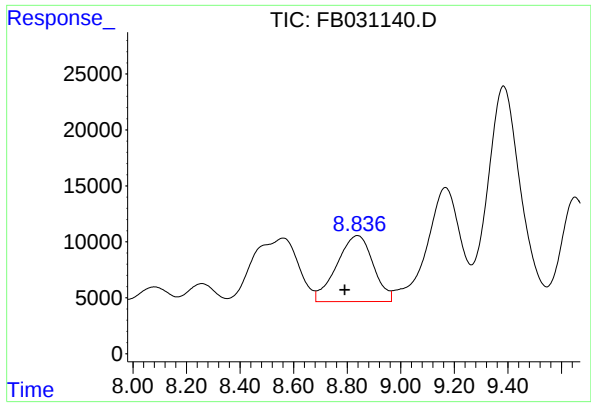
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031140.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 17:10
Operator : YP/AJ
Sample : P4721-15
Misc : 8.69G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-8

Integration File: Calibration.e
Quant Time: Nov 08 02:47:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.839 min
Delta R.T.: 0.048 min
Response: 556834
Conc: 20.17 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-8

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031140.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 17:10
Sample : P4721-15
Misc : 8.69G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.426	4.404	4.439	BV	6	-39	-0.00%	-0.000%
2	4.448	4.439	4.468	PV	7	103	0.01%	0.001%
3	4.479	4.468	4.501	VV	34	223	0.01%	0.001%
4	4.716	4.501	4.905	PV	17646	1422125	87.64%	7.601%
5	5.740	5.514	5.788	VV	1479	126468	7.79%	0.676%
6	5.966	5.788	6.235	VV	5138	592803	36.53%	3.168%
7	6.385	6.235	6.587	VV	8039	560030	34.51%	2.993%
8	6.739	6.587	6.778	VV	633	42742	2.63%	0.228%
9	6.905	6.778	6.973	VV	6397	426084	26.26%	2.277%
10	7.091	6.973	7.272	VV	11166	1291555	79.59%	6.903%
11	7.421	7.272	7.575	VV	17930	1580217	97.38%	8.446%
12	7.755	7.575	7.977	VV	7605	745286	45.93%	3.983%
13	8.080	7.977	8.166	VV	1393	101207	6.24%	0.541%
14	8.258	8.166	8.352	VV	1677	115776	7.13%	0.619%
15	8.560	8.352	8.683	VV	5729	676131	41.67%	3.614%
16	8.838	8.683	8.967	VV	5938	563711	34.74%	3.013%
17	9.167	8.967	9.264	VV	10213	878454	54.13%	4.695%
18	9.384	9.264	9.545	VV	19275	1622713	100.00%	8.673%
19	9.652	9.545	9.941	VV	9323	1042024	64.21%	5.569%
20	10.030	9.941	10.081	VV	466	25090	1.55%	0.134%
21	10.305	10.081	10.409	VV	7015	569924	35.12%	3.046%
22	10.477	10.409	10.598	VV	2219	187429	11.55%	1.002%
23	10.683	10.598	10.735	VV	1899	126288	7.78%	0.675%
24	10.793	10.735	10.871	VV	2136	133782	8.24%	0.715%
25	10.963	10.871	11.082	VV	2413	217379	13.40%	1.162%
26	11.167	11.082	11.489	VV	2972	284890	17.56%	1.523%
27	11.876	11.489	11.986	VV	9756	895880	55.21%	4.788%
28	12.093	11.986	12.240	VV	7021	429294	26.46%	2.294%
29	12.338	12.240	12.446	VV	1413	92464	5.70%	0.494%
30	12.521	12.446	12.580	VV	202	13121	0.81%	0.070%
31	12.760	12.580	12.902	VV	5968	377680	23.27%	2.019%
32	13.057	12.902	13.108	VV	3640	260241	16.04%	1.391%
33	13.190	13.108	13.434	VV	12154	774763	47.74%	4.141%
34	13.532	13.434	13.637	VV	2268	143442	8.84%	0.767%
35	13.718	13.637	13.747	VV	725	39544	2.44%	0.211%
36	13.804	13.747	13.842	VV	886	45136	2.78%	0.241%

					rteres				
37	13.921	13.842	14.001	VV	3065	159067	9.80%	0.850%	
38	14.173	14.001	14.316	VV	5205	522749	32.21%	2.794%	
39	14.420	14.316	14.498	VV	2713	153882	9.48%	0.822%	
40	14.542	14.498	14.654	VV	1013	54726	3.37%	0.292%	
41	14.695	14.654	14.762	VV	154	6150	0.38%	0.033%	
42	14.841	14.762	14.884	VV	235	12069	0.74%	0.065%	
43	15.062	14.884	15.153	VV	2911	181689	11.20%	0.971%	
44	15.225	15.153	15.309	VV	1558	109078	6.72%	0.583%	
45	15.415	15.309	15.630	VV	7366	619958	38.21%	3.313%	
46	15.671	15.630	15.733	VV	418	19752	1.22%	0.106%	
47	15.792	15.733	15.854	VV	389	17656	1.09%	0.094%	
48	15.952	15.854	16.092	VV	2608	134454	8.29%	0.719%	
49	16.198	16.092	16.318	PV	3588	199690	12.31%	1.067%	
50	16.399	16.318	16.504	VBA	1739	115688	7.13%	0.618%	

Sum of corrected areas: 18710568

FB102824.M Fri Nov 08 04:04:57 2024



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031104.D Analyst Name: YP/AJ Analyst Date: 11-06-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8681677	48232	45252	6.585

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031104.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 14:11
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 07 01:52:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.792	551168	19.968 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	1254489	31.942 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1521714	32.490 ng/ml
3) t n-Heptane	7.753	442842	9.771 ng/ml
4) t Benzene	7.891	560996	10.495 ng/ml
6) t Toluene	10.621	1596851	31.977 ng/ml
7) t Ethylbenzene	13.056	481186	10.750 ng/ml
8) t m-Xylene	13.190	1043834	21.461 ng/ml
9) t O-Xylene	13.918	971576	21.314 ng/ml
10) t 1,2,4-Trimethylbenzene	16.194	808189	21.720 ng/ml

(f)=RT Delta > 1/2 Window

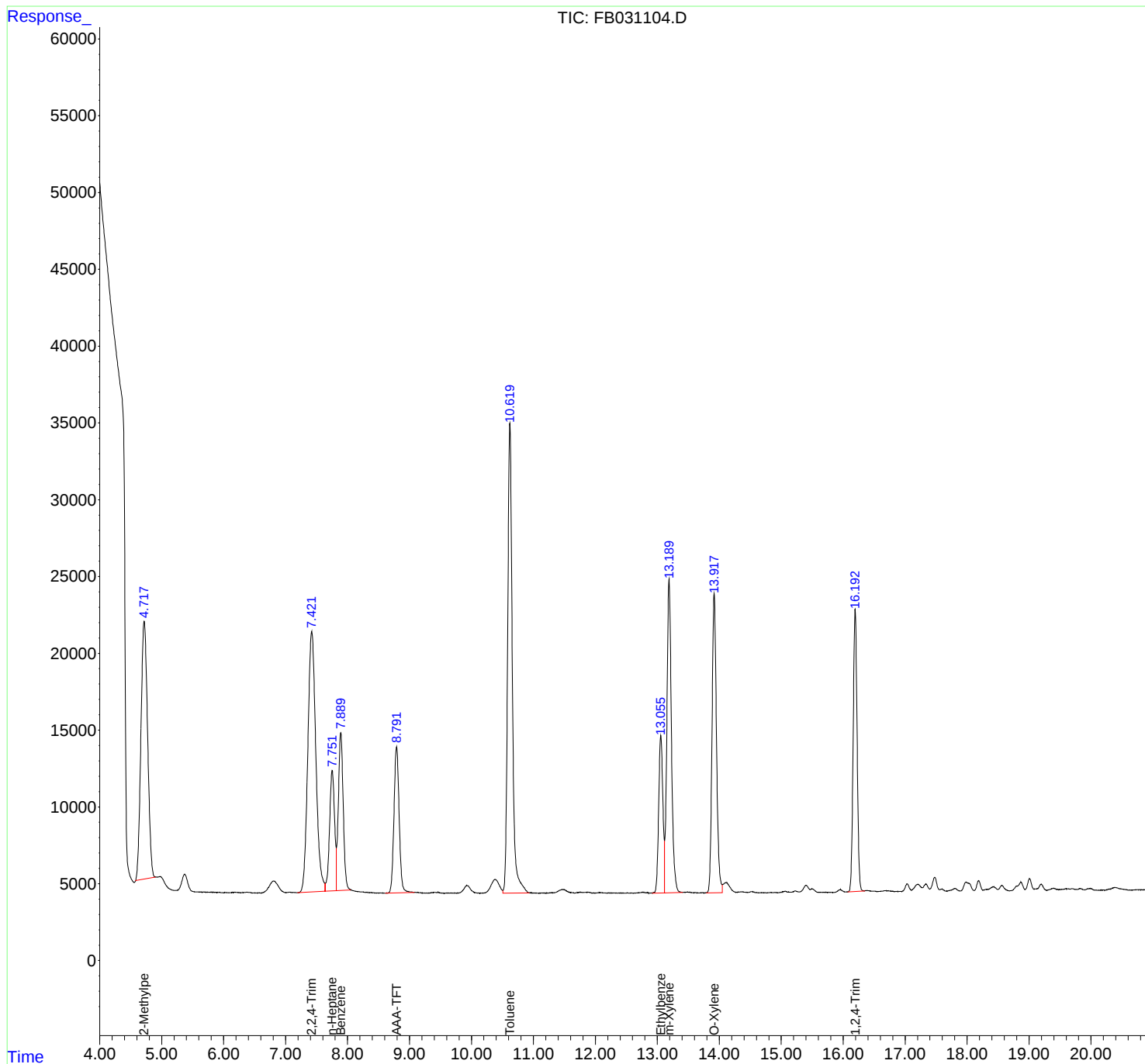
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031104.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 14:11
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 07 01:52:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031104.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 14:11
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.582	4.900	BBA	16770	1254489	78.56%	13.587%
2	7.422	7.190	7.638	BV	16958	1521714	95.29%	16.482%
3	7.753	7.638	7.820	VV	7850	442842	27.73%	4.796%
4	7.891	7.820	8.052	VV	10268	560996	35.13%	6.076%
5	8.792	8.609	9.082	BV	9514	551168	34.52%	5.970%
6	10.621	10.506	10.936	VV	30584	1596851	100.00%	17.295%
7	13.056	12.915	13.117	PV	10267	481186	30.13%	5.212%
8	13.190	13.117	13.413	VV	20433	1043834	65.37%	11.306%
9	13.918	13.788	14.049	PV	19466	971576	60.84%	10.523%
10	16.194	16.071	16.351	PV	18380	808189	50.61%	8.753%

Sum of corrected areas: 9232844

FB102824.M Thu Nov 07 02:39:56 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031115.D Analyst Name: YP/AJ Analyst Date: 11-06-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8060271	44779	45252	1.045

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031115.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 19:21
 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: Nov 07 01:53:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	512324	18.561 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.722	1177494	29.981 ng/ml
2) t 2,2,4-Trimethylpentane	7.431	1381774	29.502 ng/ml
3) t n-Heptane	7.757	450982	9.951 ng/ml
4) t Benzene	7.895	534218	9.994 ng/ml
6) t Toluene	10.625	1514998	30.338 ng/ml
7) t Ethylbenzene	13.061	443340	9.904 ng/ml
8) t m-Xylene	13.195	951608	19.565 ng/ml
9) t O-Xylene	13.922	893683	19.606 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	712174	19.140 ng/ml

(f)=RT Delta > 1/2 Window

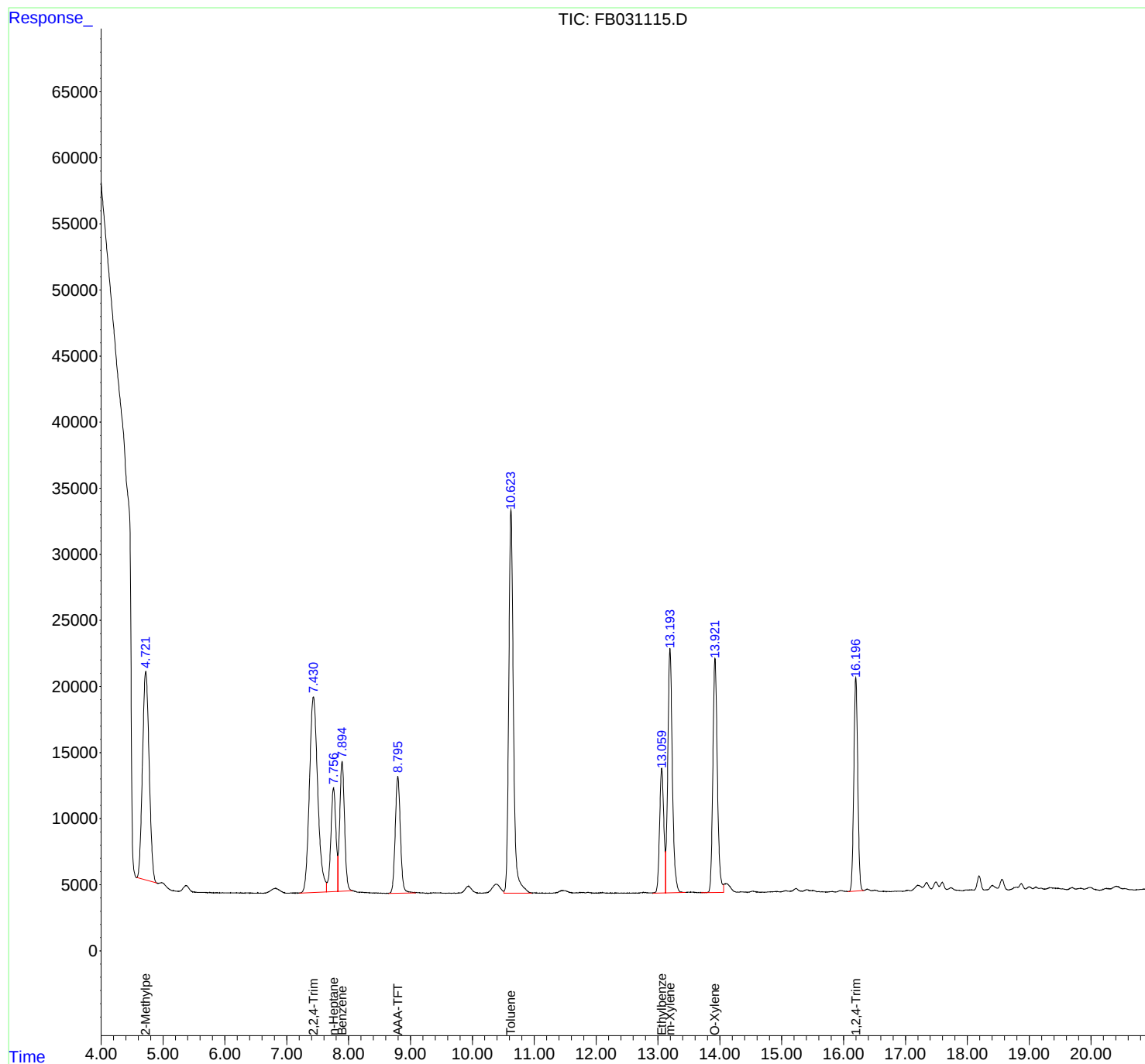
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031115.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 19:21
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: Nov 07 01:53:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031115.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 19:21
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.722	4.582	4.900	BBA	15772	1177494	77.72%	13.736%
2	7.431	7.200	7.644	PV	14803	1381774	91.21%	16.119%
3	7.757	7.644	7.826	VV	7860	450982	29.77%	5.261%
4	7.895	7.826	8.064	VV	9795	534218	35.26%	6.232%
5	8.796	8.651	9.082	BV	8837	512324	33.82%	5.976%
6	10.625	10.510	10.959	VV	28983	1514998	100.00%	17.673%
7	13.061	12.919	13.122	PV	9417	443340	29.26%	5.172%
8	13.195	13.122	13.444	VV	18495	951608	62.81%	11.101%
9	13.922	13.700	14.059	BV	17679	893683	58.99%	10.425%
10	16.198	16.069	16.327	PV	16139	712174	47.01%	8.308%

Sum of corrected areas: 8572595

FB102824.M Thu Nov 07 02:43:09 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031126.D Analyst Name: YP/AJ Analyst Date: 11-07-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8971272	49840	45252	10.139

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
 Data File : FB031126.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 1:10
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 07 01:54:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.794	508464	18.421 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.720	1173818	29.887 ng/ml
2) t 2,2,4-Trimethylpentane	7.427	1399193	29.874 ng/ml
3) t n-Heptane	7.756	430180	9.492 ng/ml
4) t Benzene	7.894	524828	9.818 ng/ml
6) t Toluene	10.623	1494037	29.919 ng/ml
7) t Ethylbenzene	13.059	514851	11.502 ng/ml
8) t m-Xylene	13.192	1274915	26.212 ng/ml
9) t O-Xylene	13.920	947994	20.797 ng/ml
10) t 1,2,4-Trimethylbenzene	16.196	1211456	32.558 ng/ml

(f)=RT Delta > 1/2 Window

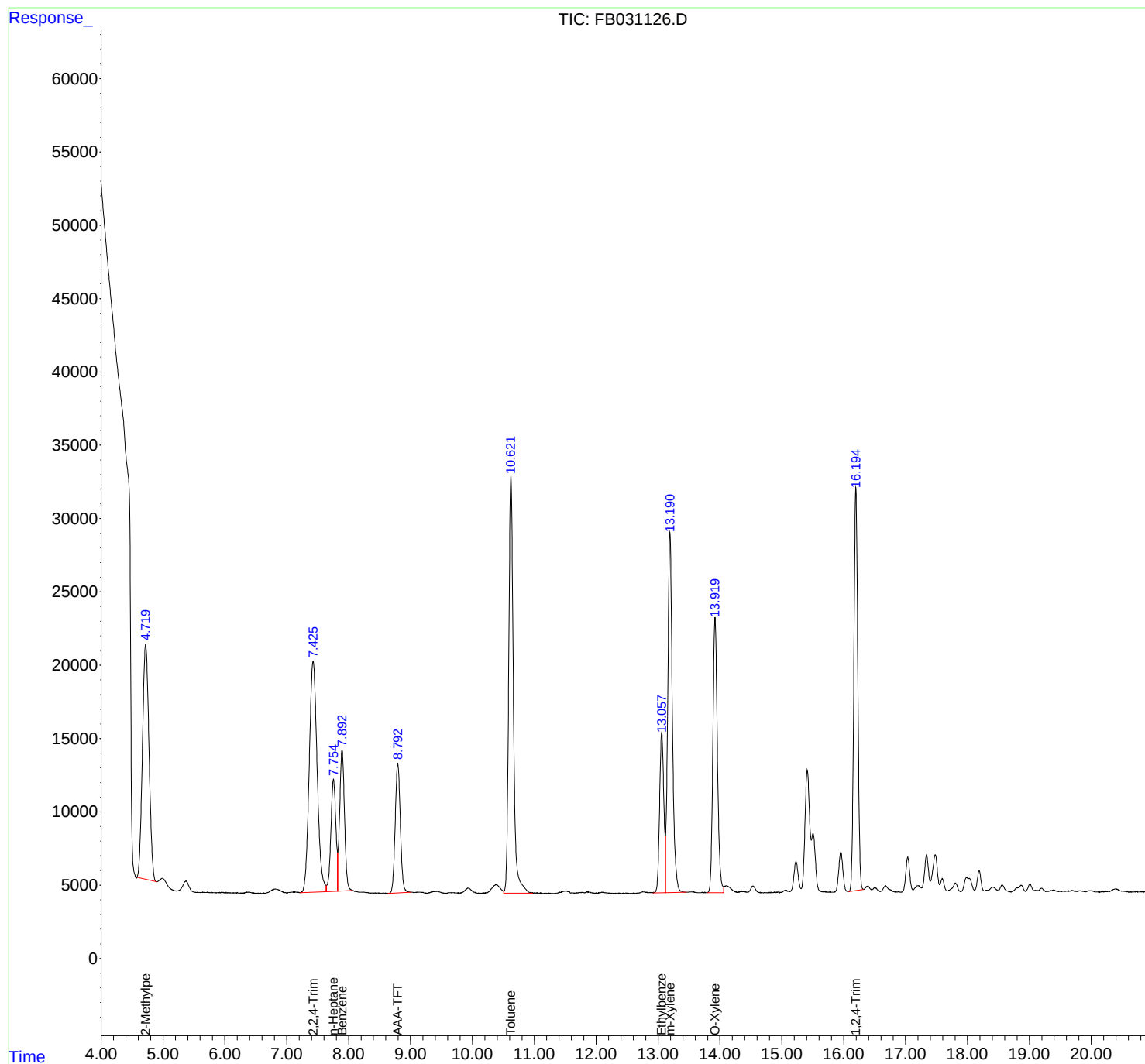
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031126.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 1:10
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 07 01:54:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031126.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 1:10
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.582	4.900	BBA	16021	1173818	78.57%	12.382%
2	7.427	7.213	7.639	PV	15757	1399193	93.65%	14.760%
3	7.756	7.639	7.823	VV	7639	430180	28.79%	4.538%
4	7.894	7.823	8.061	VV	9622	524828	35.13%	5.536%
5	8.794	8.634	9.013	BV	8849	508464	34.03%	5.364%
6	10.623	10.504	10.978	VV	28552	1494037	100.00%	15.760%
7	13.059	12.923	13.118	VV	10907	514851	34.46%	5.431%
8	13.192	13.118	13.458	VV	24547	1274915	85.33%	13.449%
9	13.920	13.789	14.060	BV	18780	947994	63.45%	10.000%
10	16.196	16.074	16.321	PV	27438	1211456	81.09%	12.779%

Sum of corrected areas: 9479735

FB102824.M Thu Nov 07 02:46:17 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031127.D Analyst Name: YP/AJ Analyst Date: 11-07-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8634747	47971	45252	6.009

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031127.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 10:14
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 08 02:45:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.789	560296	20.298 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	1046777	26.653 ng/ml
2) t 2,2,4-Trimethylpentane	7.418	1338470	28.578 ng/ml
3) t n-Heptane	7.749	395711	8.731 ng/ml
4) t Benzene	7.888	502872	9.407 ng/ml
6) t Toluene	10.617	1397738	27.990 ng/ml
7) t Ethylbenzene	13.054	497913	11.123 ng/ml
8) t m-Xylene	13.187	1224504	25.176 ng/ml
9) t O-Xylene	13.916	925476	20.303 ng/ml
10) t 1,2,4-Trimethylbenzene	16.191	1305286	35.080 ng/ml

(f)=RT Delta > 1/2 Window

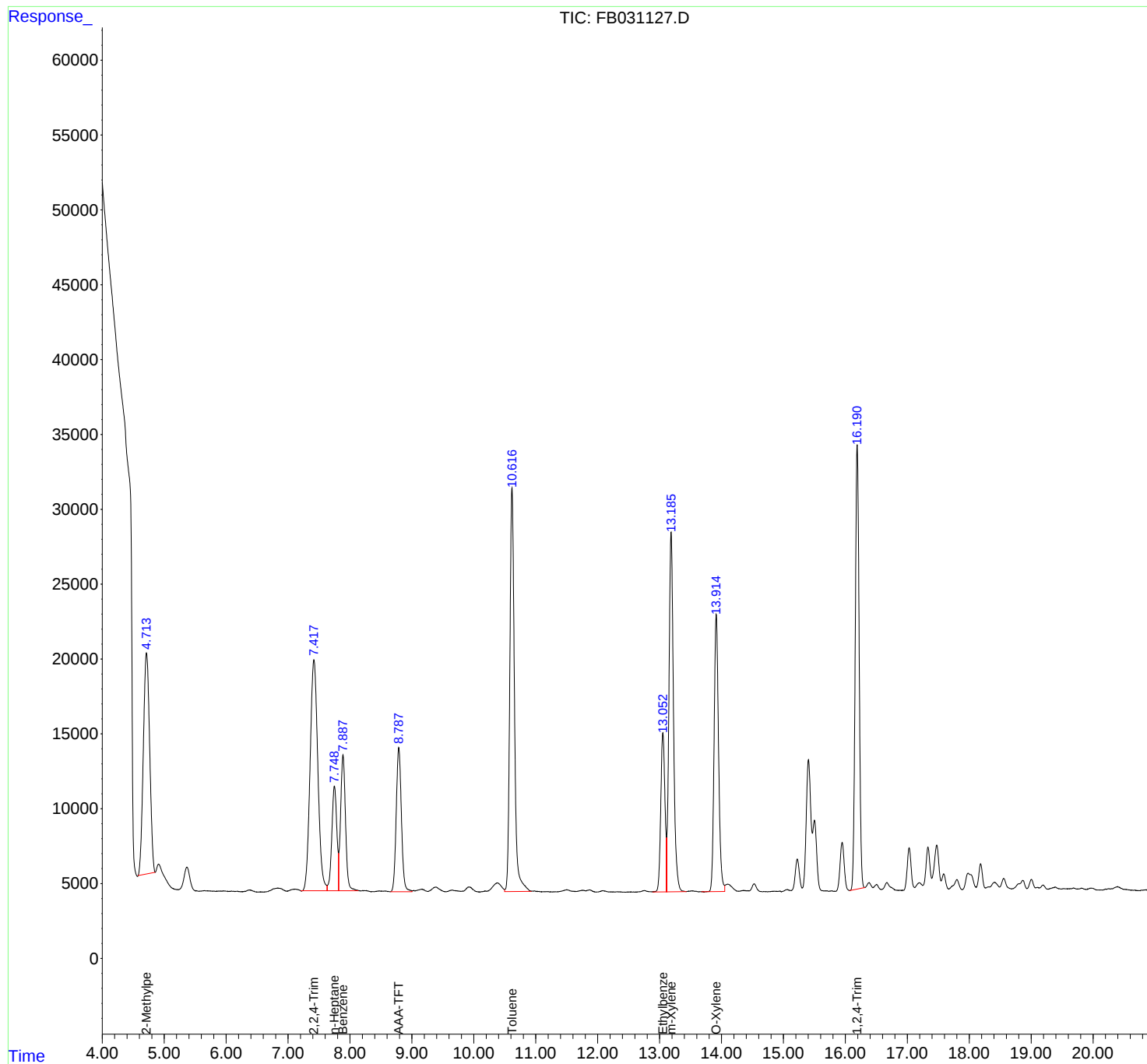
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031127.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 10:14
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 08 02:45:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031127.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 10:14
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.582	4.856	BV	14758	1046777	74.89%	11.384%
2	7.418	7.204	7.632	BV	15430	1338470	95.76%	14.556%
3	7.749	7.632	7.818	VV	6990	395711	28.31%	4.304%
4	7.888	7.818	8.136	VV	9076	502872	35.98%	5.469%
5	8.789	8.654	9.002	BV	9632	560296	40.09%	6.093%
6	10.617	10.497	10.928	VV	26963	1397738	100.00%	15.201%
7	13.054	12.884	13.113	VV	10632	497913	35.62%	5.415%
8	13.187	13.113	13.436	VV	24031	1224504	87.61%	13.317%
9	13.916	13.675	14.053	BV	18510	925476	66.21%	10.065%
10	16.191	16.066	16.319	PV	29665	1305286	93.39%	14.196%

Sum of corrected areas: 9195043

FB102824.M Fri Nov 08 03:57:24 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031137.D Analyst Name: YP/AJ Analyst Date: 11-07-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8526733	47371	45252	4.683

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031137.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 14:56
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 08 02:46:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	568611	20.600 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.722	1195224	30.433 ng/ml
2) t 2,2,4-Trimethylpentane	7.429	1436421	30.669 ng/ml
3) t n-Heptane	7.757	464067	10.240 ng/ml
4) t Benzene	7.895	550445	10.297 ng/ml
6) t Toluene	10.624	1531548	30.670 ng/ml
7) t Ethylbenzene	13.060	508509	11.360 ng/ml
8) t m-Xylene	13.194	1061326	21.821 ng/ml
9) t O-Xylene	13.922	900257	19.750 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	878936	23.622 ng/ml

(f)=RT Delta > 1/2 Window

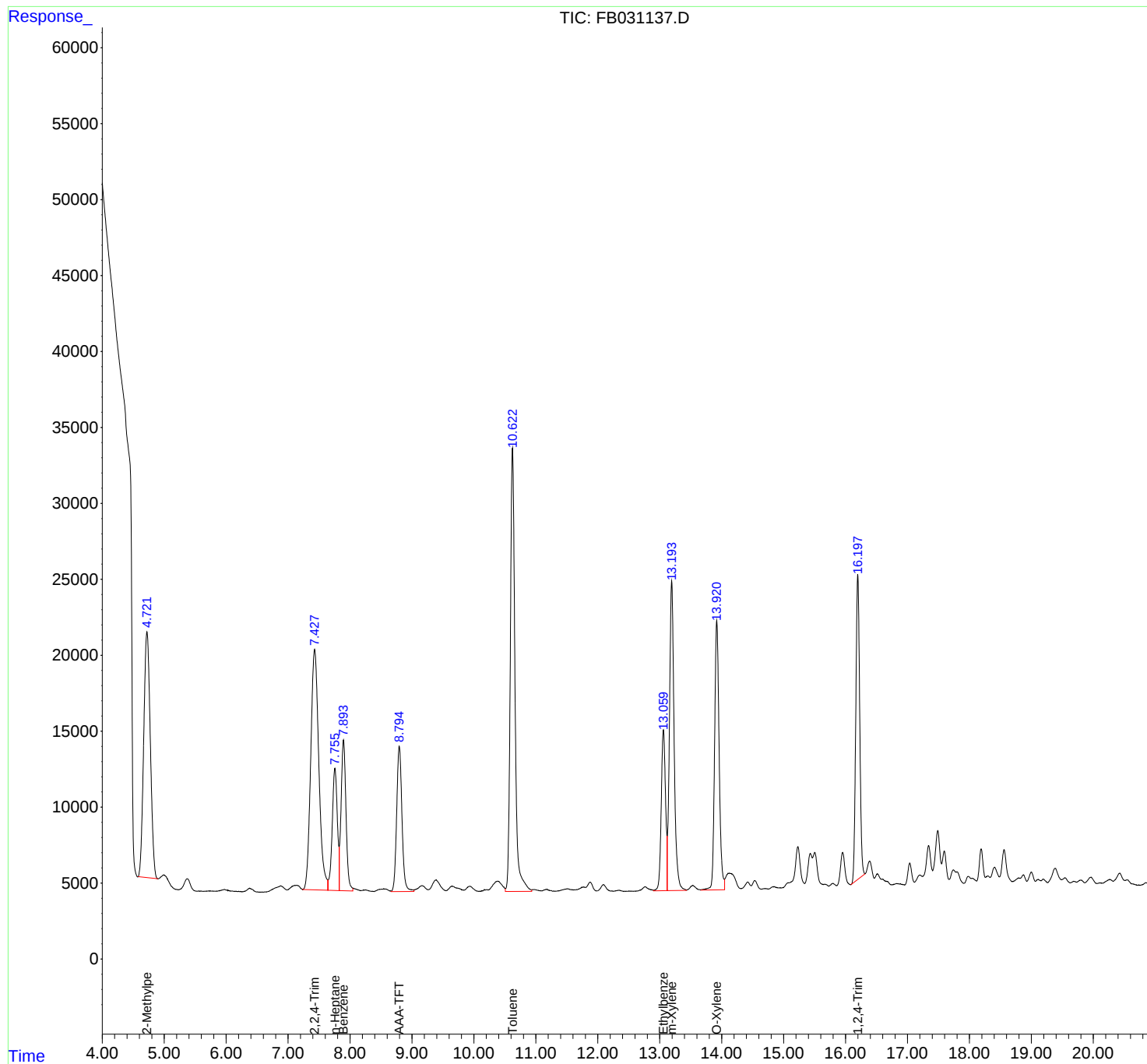
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031137.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 14:56
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 08 02:46:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031137.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 14:56
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.722	4.582	4.900	BBA	16179	1195224	78.04%	13.141%
2	7.429	7.231	7.644	BV	15831	1436421	93.79%	15.793%
3	7.757	7.644	7.825	VV	8054	464067	30.30%	5.102%
4	7.895	7.825	8.044	VV	9931	550445	35.94%	6.052%
5	8.796	8.662	9.032	VV	9579	568611	37.13%	6.252%
6	10.624	10.507	10.933	VV	29197	1531548	100.00%	16.839%
7	13.060	12.898	13.121	VV	10588	508509	33.20%	5.591%
8	13.194	13.121	13.432	VV	20382	1061326	69.30%	11.669%
9	13.922	13.663	14.048	VV	17707	900257	58.78%	9.898%
10	16.198	16.085	16.319	PV	20068	878936	57.39%	9.664%

Sum of corrected areas: 9095344

FB102824.M Fri Nov 08 04:33:52 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031149.D Analyst Name: YP/AJ Analyst Date: 11-07-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8260502	45892	45252	1.414

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031149.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 21:11
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 08 02:48:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	512975	18.584 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.720	1195619	30.443 ng/ml
2) t 2,2,4-Trimethylpentane	7.426	1455883	31.084 ng/ml
3) t n-Heptane	7.755	446524	9.853 ng/ml
4) t Benzene	7.894	562358	10.520 ng/ml
6) t Toluene	10.622	1530409	30.647 ng/ml
7) t Ethylbenzene	13.058	450222	10.058 ng/ml
8) t m-Xylene	13.192	976813	20.083 ng/ml
9) t O-Xylene	13.919	895416	19.644 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	747258	20.083 ng/ml

(f)=RT Delta > 1/2 Window

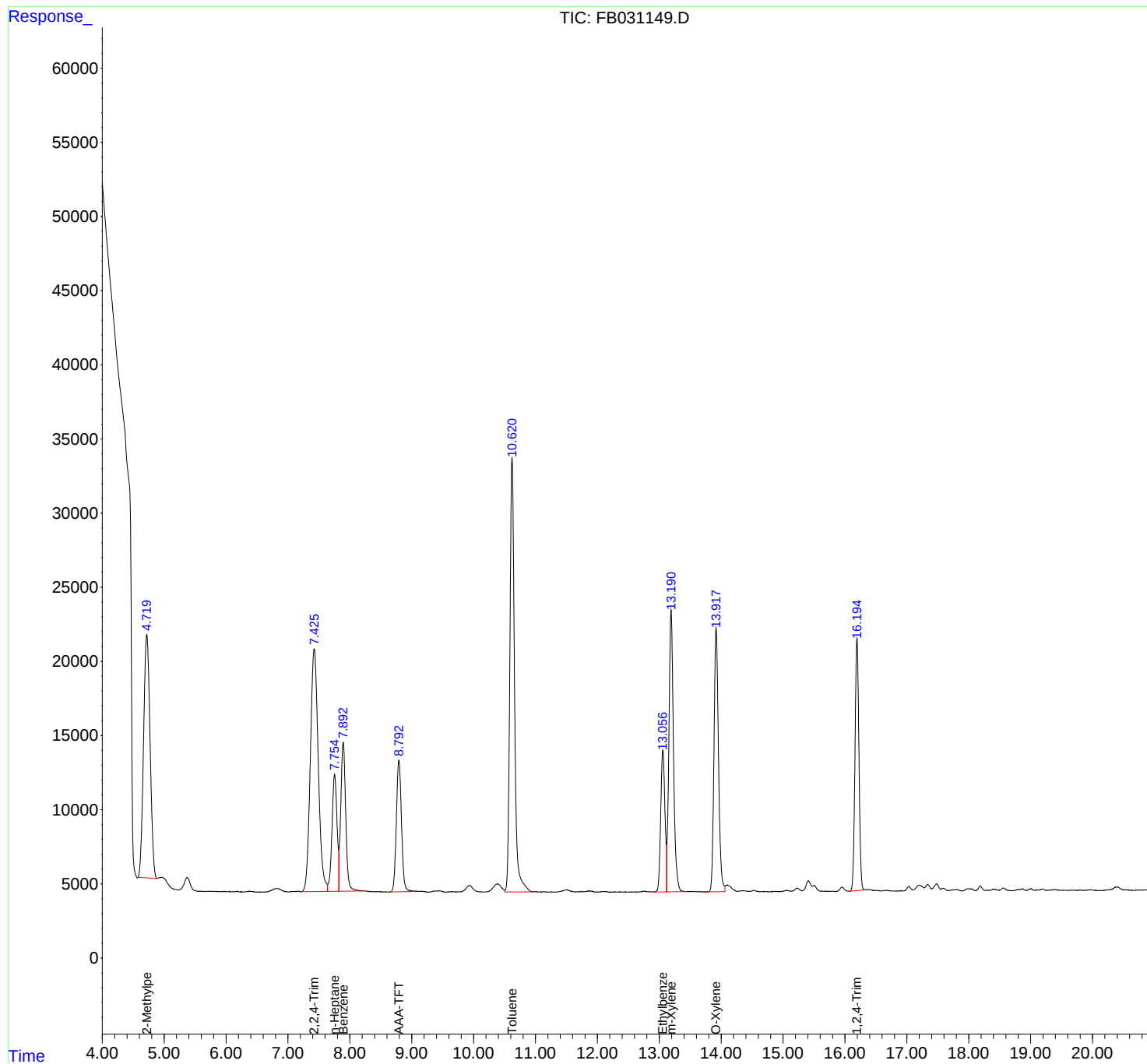
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031149.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 21:11
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 08 02:48:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031149.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 21:11
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.582	4.880	BV	16411	1195619	78.12%	13.628%
2	7.426	7.203	7.640	PV	16372	1455883	95.13%	16.594%
3	7.755	7.640	7.823	VV	7888	446524	29.18%	5.089%
4	7.894	7.823	8.206	VV	10045	562358	36.75%	6.410%
5	8.793	8.658	9.057	PV	8878	512975	33.52%	5.847%
6	10.622	10.505	10.961	VV	29293	1530409	100.00%	17.444%
7	13.058	12.913	13.119	PV	9549	450222	29.42%	5.132%
8	13.192	13.119	13.449	VV	18982	976813	63.83%	11.134%
9	13.919	13.699	14.062	PV	17747	895416	58.51%	10.206%
10	16.195	16.074	16.333	PV	16983	747258	48.83%	8.517%

Sum of corrected areas: 8773477

FB102824.M Fri Nov 08 03:59:22 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031160.D Analyst Name: YP/AJ Analyst Date: 11-08-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7524695	41804	45252	7.62

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031160.D
 Signal(s) : FID2B.CH
 Acq On : 8 Nov 2024 2:56
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 08 02:49:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	453459	16.428 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	1084421	27.611 ng/ml
2) t 2,2,4-Trimethylpentane	7.423	1353100	28.890 ng/ml
3) t n-Heptane	7.753	411248	9.074 ng/ml
4) t Benzene	7.893	514283	9.621 ng/ml
6) t Toluene	10.621	1414499	28.326 ng/ml
7) t Ethylbenzene	13.058	410104	9.162 ng/ml
8) t m-Xylene	13.192	876345	18.018 ng/ml
9) t O-Xylene	13.919	816953	17.922 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	643742	17.301 ng/ml

(f)=RT Delta > 1/2 Window

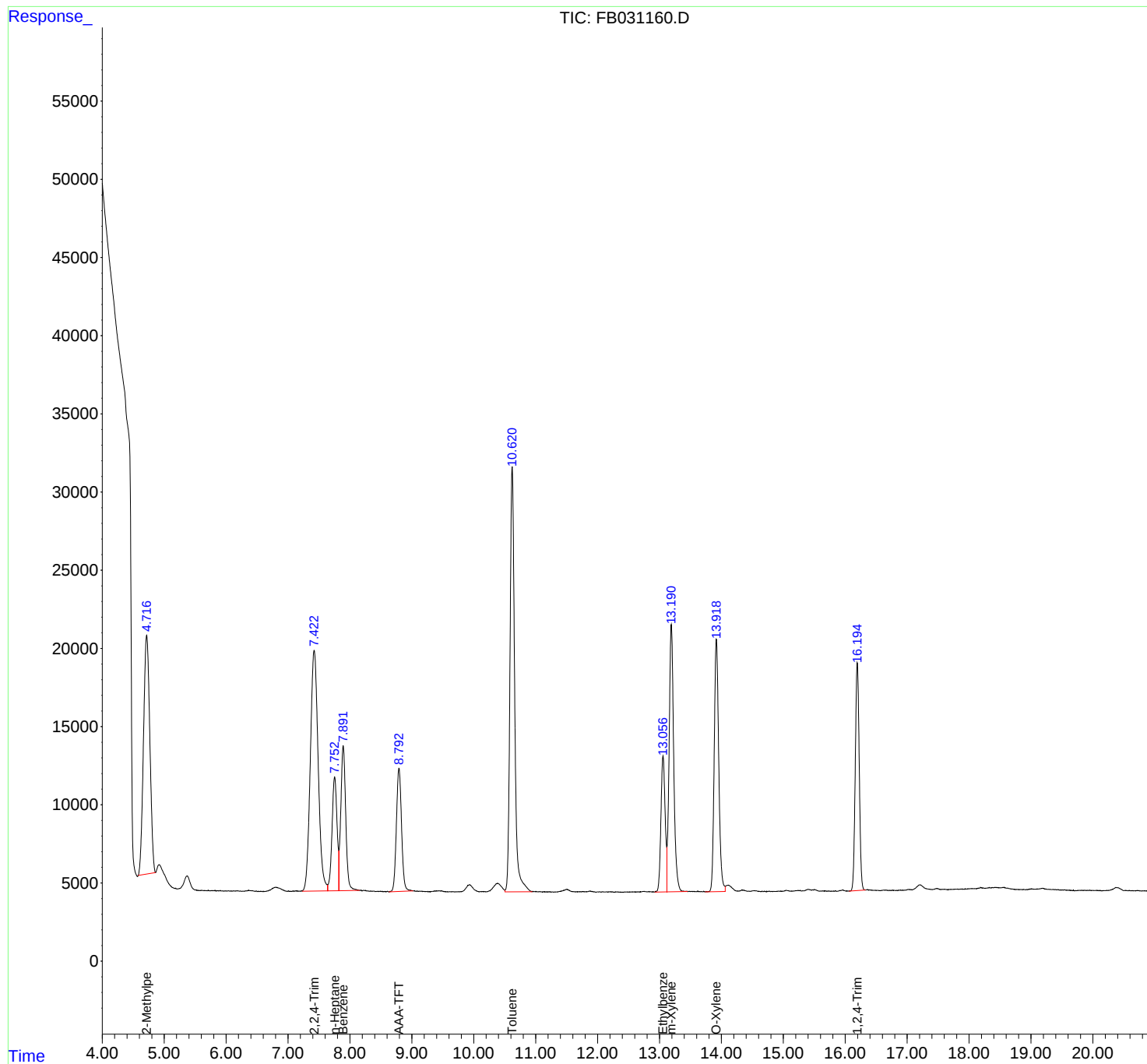
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031160.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 2:56
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 08 02:49:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031160.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 2:56
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.582	4.863	BV	15263	1084421	76.66%	13.592%
2	7.423	7.227	7.640	PV	15392	1353100	95.66%	16.960%
3	7.753	7.640	7.822	VV	7286	411248	29.07%	5.155%
4	7.893	7.822	8.158	VV	9263	514283	36.36%	6.446%
5	8.793	8.628	9.021	PV	7879	453459	32.06%	5.684%
6	10.621	10.505	10.947	VV	27177	1414499	100.00%	17.730%
7	13.058	12.923	13.119	PV	8698	410104	28.99%	5.140%
8	13.192	13.119	13.455	VV	17088	876345	61.95%	10.984%
9	13.919	13.735	14.062	PV	16138	816953	57.76%	10.240%
10	16.195	16.063	16.327	BV	14563	643742	45.51%	8.069%

Sum of corrected areas: 7978154

FB102824.M Fri Nov 08 04:00:25 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031164.D Analyst Name: YP/AJ Analyst Date: 11-08-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7989462	44386	45252	1.914

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031164.D
 Signal(s) : FID2B.CH
 Acq On : 8 Nov 2024 10:36
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 08 23:32:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	445467	16.138 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.719	1175041	29.919 ng/ml
2) t 2,2,4-Trimethylpentane	7.423	1410347	30.112 ng/ml
3) t n-Heptane	7.753	442996	9.775 ng/ml
4) t Benzene	7.892	544068	10.178 ng/ml
6) t Toluene	10.621	1486414	29.766 ng/ml
7) t Ethylbenzene	13.058	449951	10.052 ng/ml
8) t m-Xylene	13.191	940075	19.328 ng/ml
9) t O-Xylene	13.920	871120	19.111 ng/ml
10) t 1,2,4-Trimethylbenzene	16.196	669450	17.992 ng/ml

(f)=RT Delta > 1/2 Window

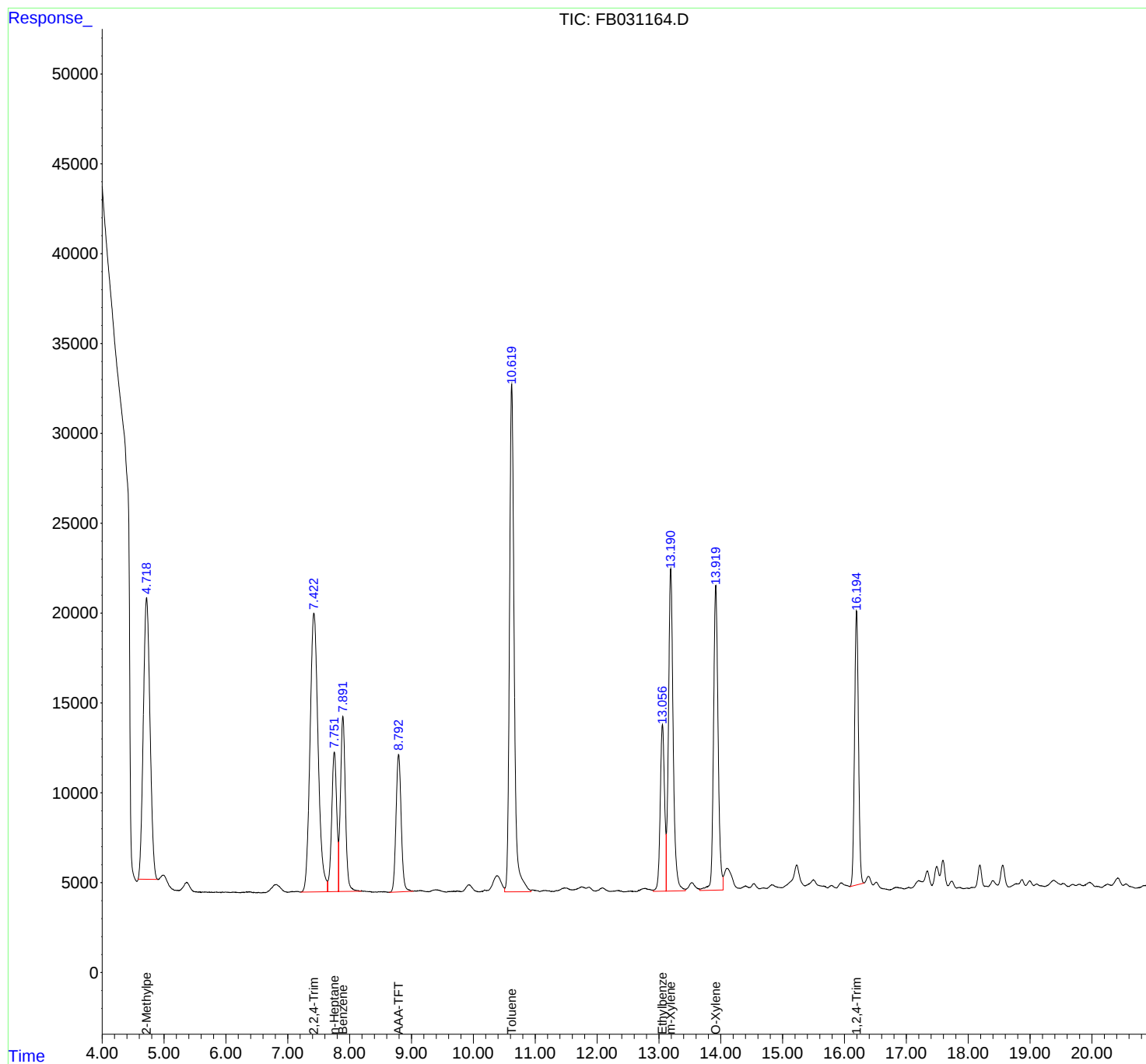
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031164.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 10:36
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 08 23:32:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031164.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 10:36
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.582	4.894	BV	15669	1175041	79.05%	13.931%
2	7.423	7.209	7.644	BV	15518	1410347	94.88%	16.720%
3	7.753	7.644	7.821	VV	7772	442996	29.80%	5.252%
4	7.892	7.821	8.189	VV	9742	544068	36.60%	6.450%
5	8.793	8.640	9.032	BV	7655	445467	29.97%	5.281%
6	10.621	10.507	10.932	VV	28221	1486414	100.00%	17.622%
7	13.058	12.908	13.119	VV	9269	449951	30.27%	5.334%
8	13.191	13.119	13.428	VV	17911	940075	63.24%	11.145%
9	13.920	13.661	14.037	VV	16975	871120	58.61%	10.328%
10	16.196	16.087	16.316	PV	15246	669450	45.04%	7.937%

Sum of corrected areas: 8434930

FB102824.M Fri Nov 08 23:45:35 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4721 SAS No.: P4721 SDG No.: P4721
DataFile: FB031168.D Analyst Name: YP/AJ Analyst Date: 11-08-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8162497	45347	45252	0.21

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
 Data File : FB031168.D
 Signal(s) : FID2B.CH
 Acq On : 8 Nov 2024 12:46
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 08 23:32:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.795	503340	18.235 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.719	1190394	30.310 ng/ml
2) t 2,2,4-Trimethylpentane	7.425	1438286	30.709 ng/ml
3) t n-Heptane	7.756	449648	9.922 ng/ml
4) t Benzene	7.894	556775	10.416 ng/ml
6) t Toluene	10.623	1521909	30.477 ng/ml
7) t Ethylbenzene	13.060	445587	9.954 ng/ml
8) t m-Xylene	13.194	959282	19.723 ng/ml
9) t O-Xylene	13.921	889108	19.505 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	711508	19.122 ng/ml

(f)=RT Delta > 1/2 Window

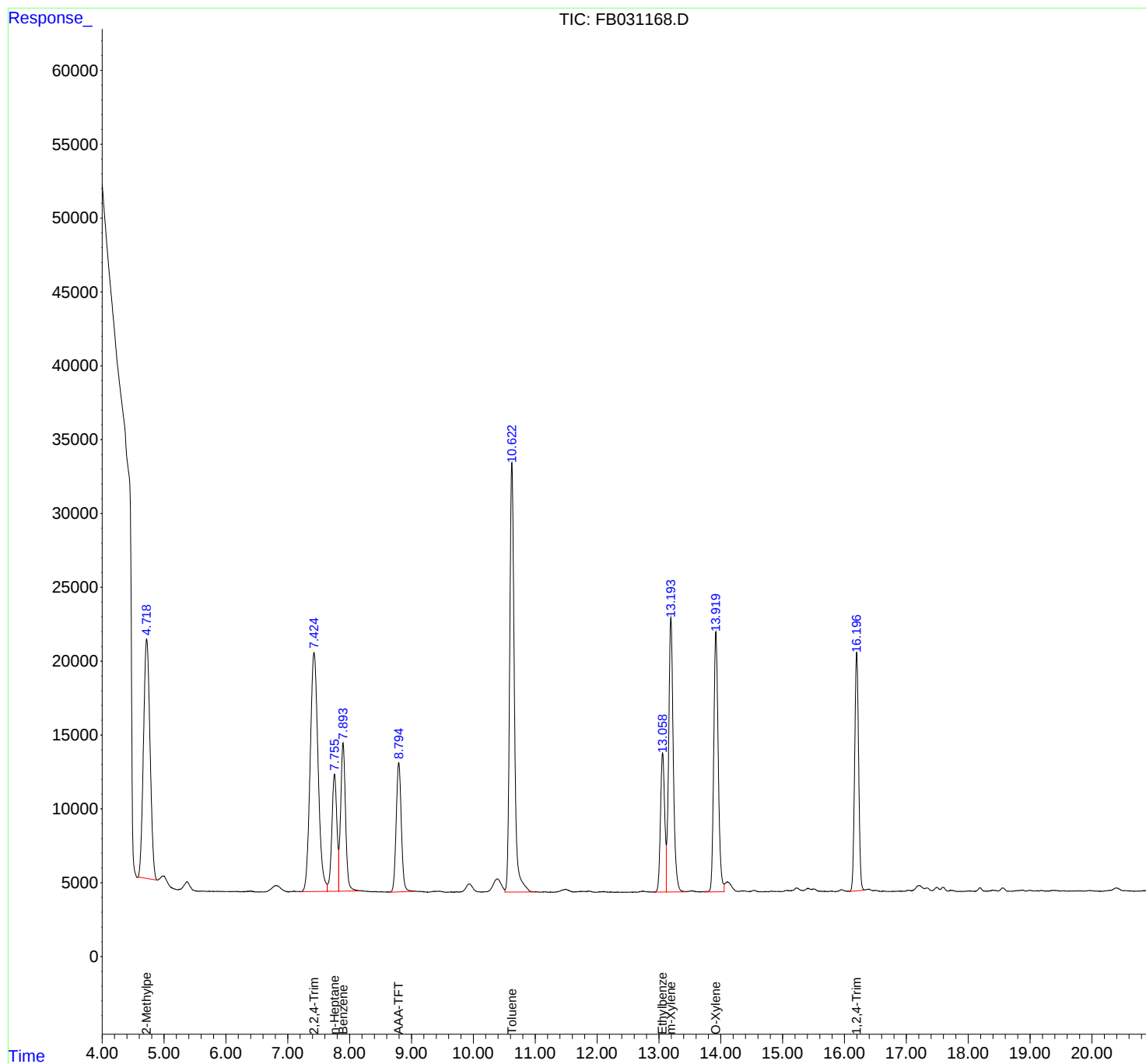
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031168.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 12:46
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 08 23:32:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031168.D
Signal(s) : FID2B.CH
Acq On : 8 Nov 2024 12:46
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.582	4.894	BV	16213	1190394	78.22%	13.737%
2	7.425	7.212	7.638	PV	16183	1438286	94.51%	16.597%
3	7.756	7.638	7.824	VV	7934	449648	29.54%	5.189%
4	7.894	7.824	8.181	VV	10024	556775	36.58%	6.425%
5	8.795	8.645	9.035	PV	8747	503340	33.07%	5.808%
6	10.623	10.510	11.003	VV	29073	1521909	100.00%	17.562%
7	13.060	12.913	13.121	PV	9437	445587	29.28%	5.142%
8	13.194	13.121	13.430	VV	18556	959282	63.03%	11.070%
9	13.921	13.739	14.056	PV	17562	889108	58.42%	10.260%
10	16.197	16.082	16.333	PV	16121	711508	46.75%	8.210%

Sum of corrected areas: 8665836

FB102824.M Fri Nov 08 23:46:46 2024

Analytical Sequence

Client: ENTACT

SDG No.: P4721

Project: North Point

Instrument ID: FID_B

GC Column: RTX-502.2

ID: 0.53 (mm)

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 8.7908					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	6 Nov 2024 14:11	FB031104.D	8.792	
VBF1106S2	VBF1106S2	6 Nov 2024 15:18	FB031106.D	8.796	
BSF1106S1	BSF1106S1	6 Nov 2024 15:45	FB031107.D	8.796	
EX-2-TPH-3	P4721-03	6 Nov 2024 17:06	FB031110.D	8.828	
BSF1106S2	BSF1106S2	6 Nov 2024 18:54	FB031114.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	6 Nov 2024 19:21	FB031115.D	8.796	
EX-11-TPH-4	P4721-07	6 Nov 2024 20:42	FB031116.D	8.846	
EX-9-TPH-1	P4721-08	6 Nov 2024 21:09	FB031117.D	8.795	
EX-9-TPH-2	P4721-09	6 Nov 2024 21:36	FB031118.D	8.803	
EX-9-TPH-3	P4721-10	6 Nov 2024 22:02	FB031119.D	8.806	
EX-9-TPH-6	P4721-13	6 Nov 2024 23:23	FB031122.D	8.984	*
20 PPB GRO STD	20 PPB GRO STD	7 Nov 2024 1:10	FB031126.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	7 Nov 2024 10:14	FB031127.D	8.789	
VBF1107S1	VBF1107S1	7 Nov 2024 10:54	FB031128.D	8.792	
VBF1107S2	VBF1107S2	7 Nov 2024 11:21	FB031129.D	8.793	
BSF1107S1	BSF1107S1	7 Nov 2024 11:48	FB031130.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	7 Nov 2024 14:56	FB031137.D	8.796	
EX-9-TPH-8	P4721-15	7 Nov 2024 17:10	FB031140.D	8.838	
EX-2-TPH-1	P4721-01	7 Nov 2024 17:36	FB031141.D	8.803	
EX-2-TPH-2	P4721-02	7 Nov 2024 18:03	FB031142.D	8.847	
EX-11-TPH-1	P4721-04	7 Nov 2024 18:30	FB031143.D	8.822	
EX-11-TPH-2	P4721-05	7 Nov 2024 18:57	FB031144.D	8.833	
EX-11-TPH-3	P4721-06	7 Nov 2024 19:24	FB031145.D	8.835	
EX-9-TPH-4	P4721-11	7 Nov 2024 19:50	FB031146.D	8.806	
20 PPB GRO STD	20 PPB GRO STD	7 Nov 2024 21:11	FB031149.D	8.793	
20 PPB GRO STD	20 PPB GRO STD	8 Nov 2024 2:56	FB031160.D	8.793	
EX-9-TPH-5	P4721-12	8 Nov 2024 10:09	FB031163.D	8.850	
20 PPB GRO STD	20 PPB GRO STD	8 Nov 2024 10:36	FB031164.D	8.793	
EX-9-TPH-7	P4721-14	8 Nov 2024 11:42	FB031166.D	8.803	
20 PPB GRO STD	20 PPB GRO STD	8 Nov 2024 12:46	FB031168.D	8.795	



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBFI1106S2	SDG No.:	P4721
Lab Sample ID:	VBFI1106S2	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
FB031106.D	50	11/06/24 15:18	FB110624

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	17.2		50 - 150	86%	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\FB110624\
Data File : FB031106.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 15:18
Operator : YP/AJ
Sample : VBF1106S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1106S2

Integration File: Calibration.e
Quant Time: Nov 07 01:52:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	475910	17.241 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

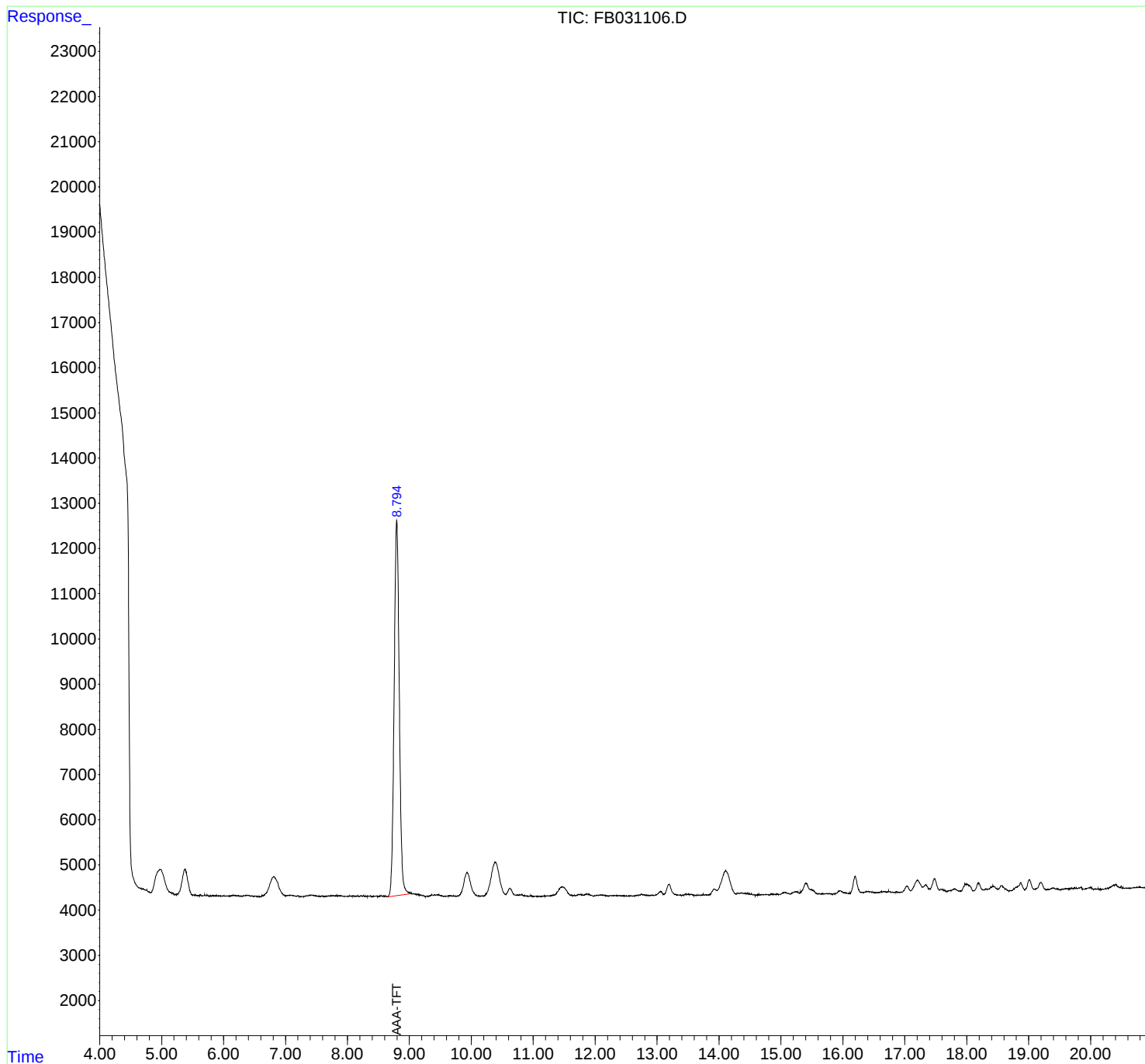
(m)=manual int.

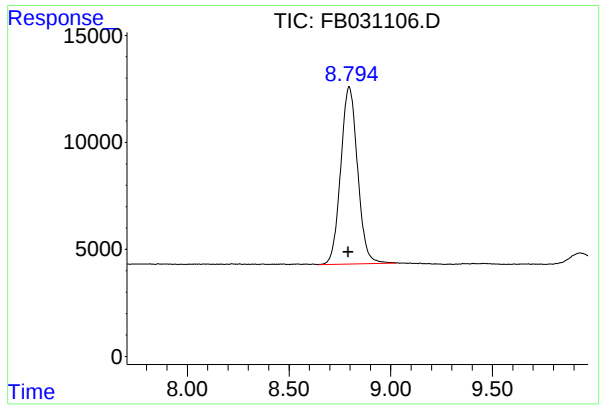
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031106.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 15:18
Operator : YP/AJ
Sample : VBF1106S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1106S2

Integration File: Calibration.e
Quant Time: Nov 07 01:52:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.796 min
Delta R.T.: 0.005 min
Response: 475910
Conc: 17.24 ng/ml

Instrument :

FID_B

ClientSampleId :

VBF1106S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031106.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 15:18
Sample : VBF1106S2 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\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.796	8.648	9.027	BV	8294	475910	100.00%	100.000%
Sum of corrected areas:							475910	

FB102824.M Thu Nov 07 02:41:01 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF1107S1	SDG No.:	P4721
Lab Sample ID:	VBF1107S1	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
FB031128.D	1	11/07/24 10:54	FB110724

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	17.2		50 - 150	86%	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\FB110724\
Data File : FB031128.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 10:54
Operator : YP/AJ
Sample : VBF1107S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1107S1

Integration File: Calibration.e
Quant Time: Nov 08 02:46:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.792	474925	17.206 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

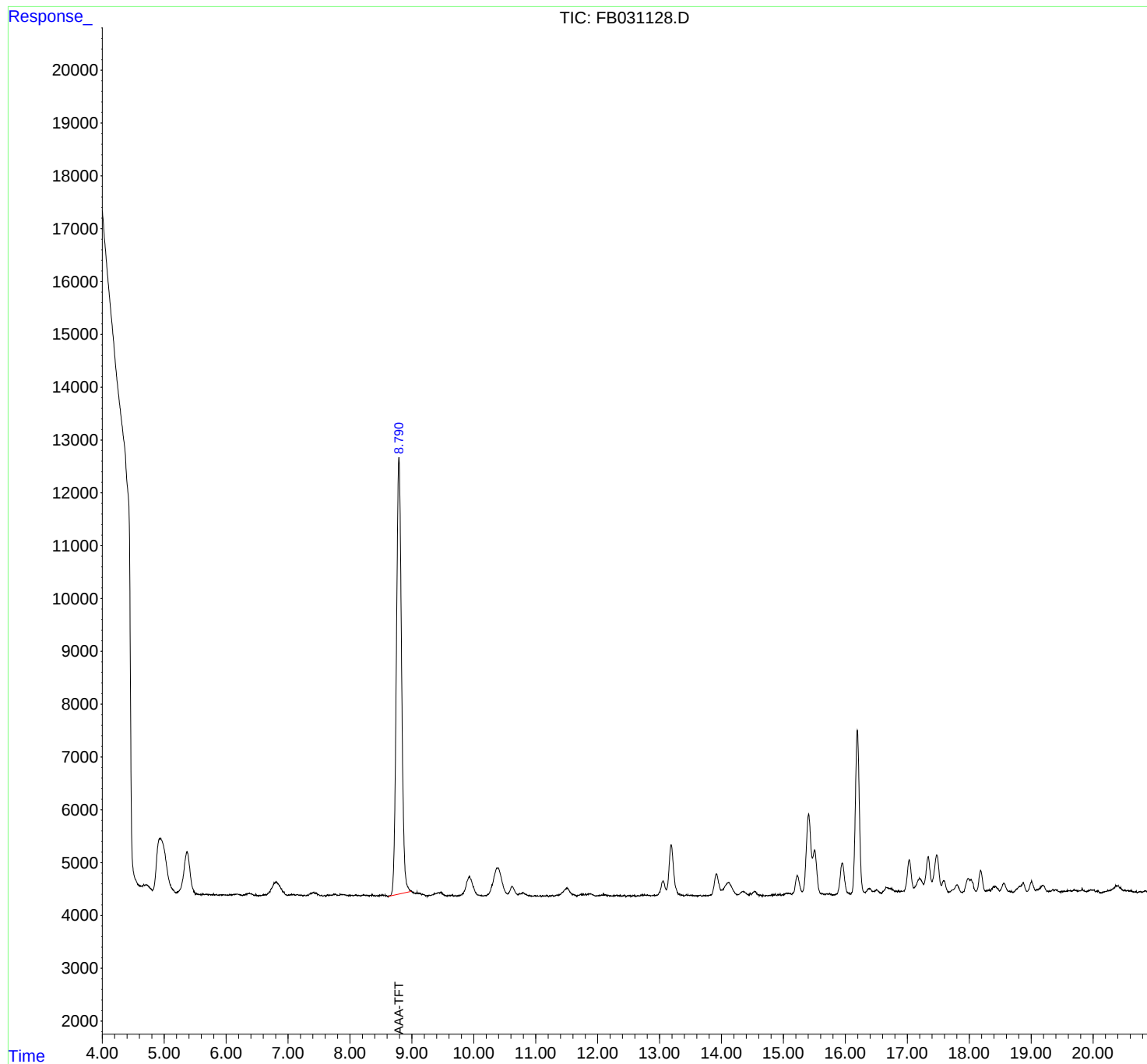
(m)=manual int.

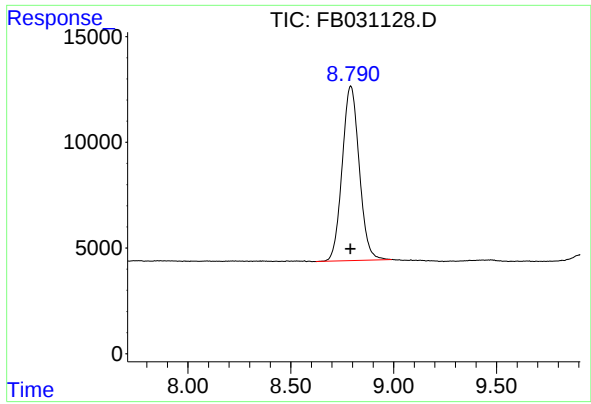
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031128.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 10:54
Operator : YP/AJ
Sample : VBF1107S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1107S1

Integration File: Calibration.e
Quant Time: Nov 08 02:46:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 474925
Conc: 17.21 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1107S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031128.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 10:54
Sample : VBF1107S1
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\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.792	8.623	8.991	BV	8261	474925	100.00%	100.000%
Sum of corrected areas:						474925		

FB102824.M Fri Nov 08 03:57:39 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF1107S2	SDG No.:	P4721
Lab Sample ID:	VBF1107S2	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
FB031129.D	50	11/07/24 11:21	FB110724

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	18.3		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\FB110724\
Data File : FB031129.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 11:21
Operator : YP/AJ
Sample : VBF1107S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1107S2

Integration File: Calibration.e
Quant Time: Nov 08 02:46:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	505766	18.323 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

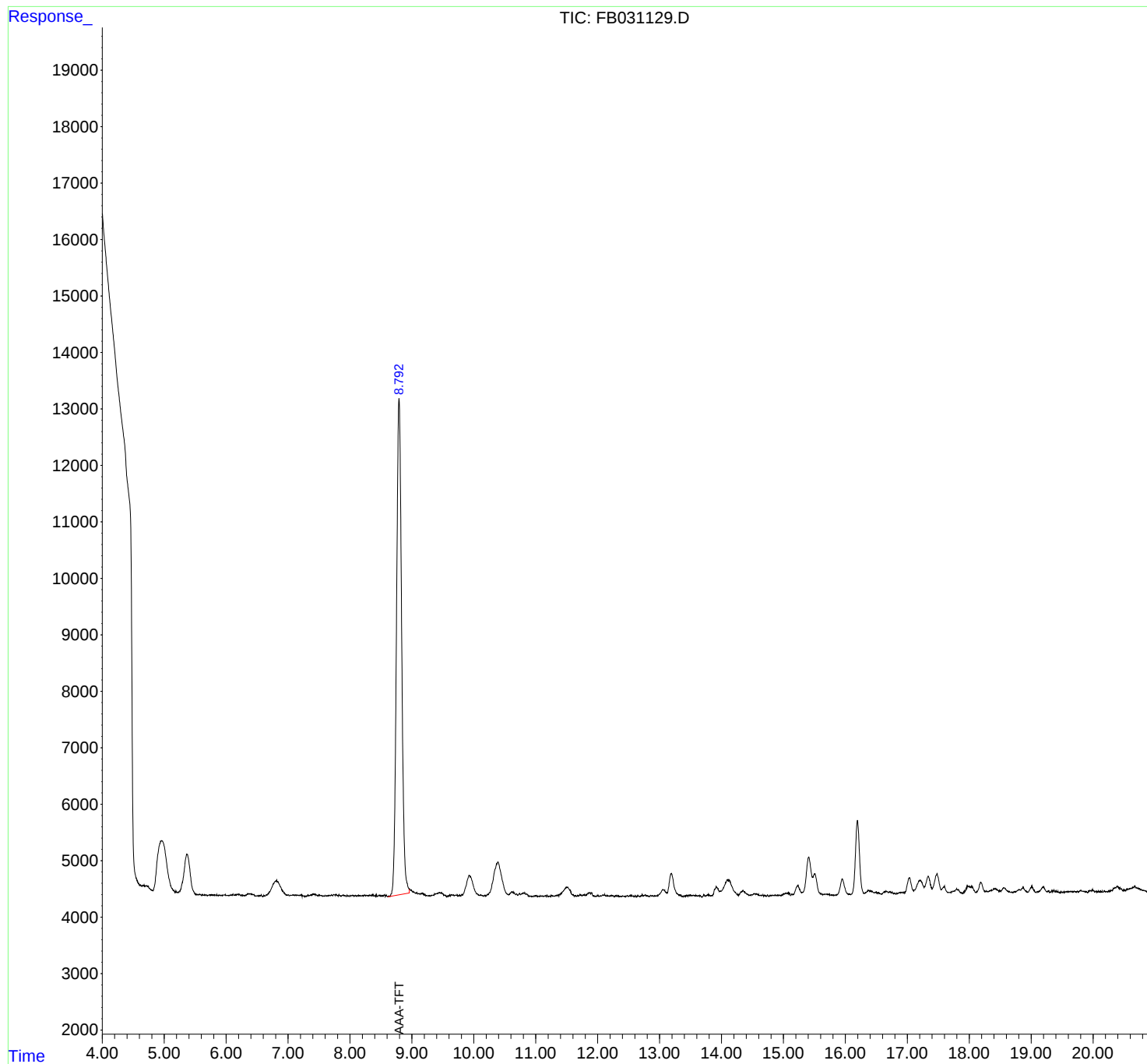
(m)=manual int.

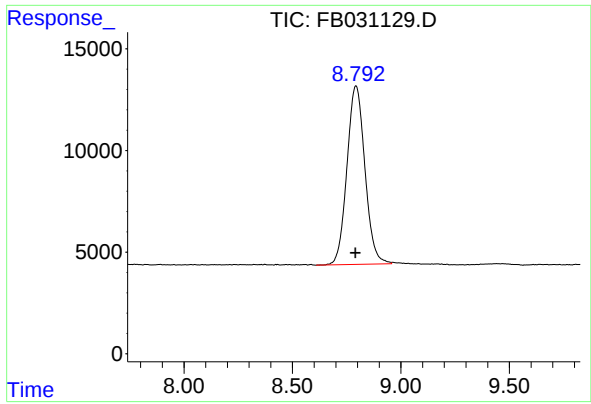
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031129.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 11:21
Operator : YP/AJ
Sample : VBF1107S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1107S2

Integration File: Calibration.e
Quant Time: Nov 08 02:46:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.793 min
Delta R.T.: 0.002 min
Response: 505766
Conc: 18.32 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1107S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031129.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 11:21
Sample : VBF1107S2 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\FB102824.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.793	8.609	8.957	PV	8790	505766	100.00%	100.000%
Sum of corrected areas:							505766	

FB102824.M Fri Nov 08 03:57:54 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1106S1	SDG No.:	P4721
Lab Sample ID:	BSF1106S1	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
FB031107.D	1	11/06/24 15:45	FB110624

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	17.2		50 - 150	86%	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\FB110624\
 Data File : FB031107.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 15:45
 Operator : YP/AJ
 Sample : BSF1106S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1106S1

Integration File: Calibration.e
 Quant Time: Nov 07 01:52:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	474211	17.180 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.723	1155335	29.417 ng/ml
2) t 2,2,4-Trimethylpentane	7.429	1366629	29.179 ng/ml
3) t n-Heptane	7.756	445627	9.833 ng/ml
4) t Benzene	7.895	529026	9.897 ng/ml
6) t Toluene	10.624	1463046	29.298 ng/ml
7) t Ethylbenzene	13.060	426631	9.531 ng/ml
8) t m-Xylene	13.194	924696	19.012 ng/ml
9) t O-Xylene	13.921	864530	18.966 ng/ml
10) t 1,2,4-Trimethylbenzene	16.196	684217	18.389 ng/ml

(f)=RT Delta > 1/2 Window

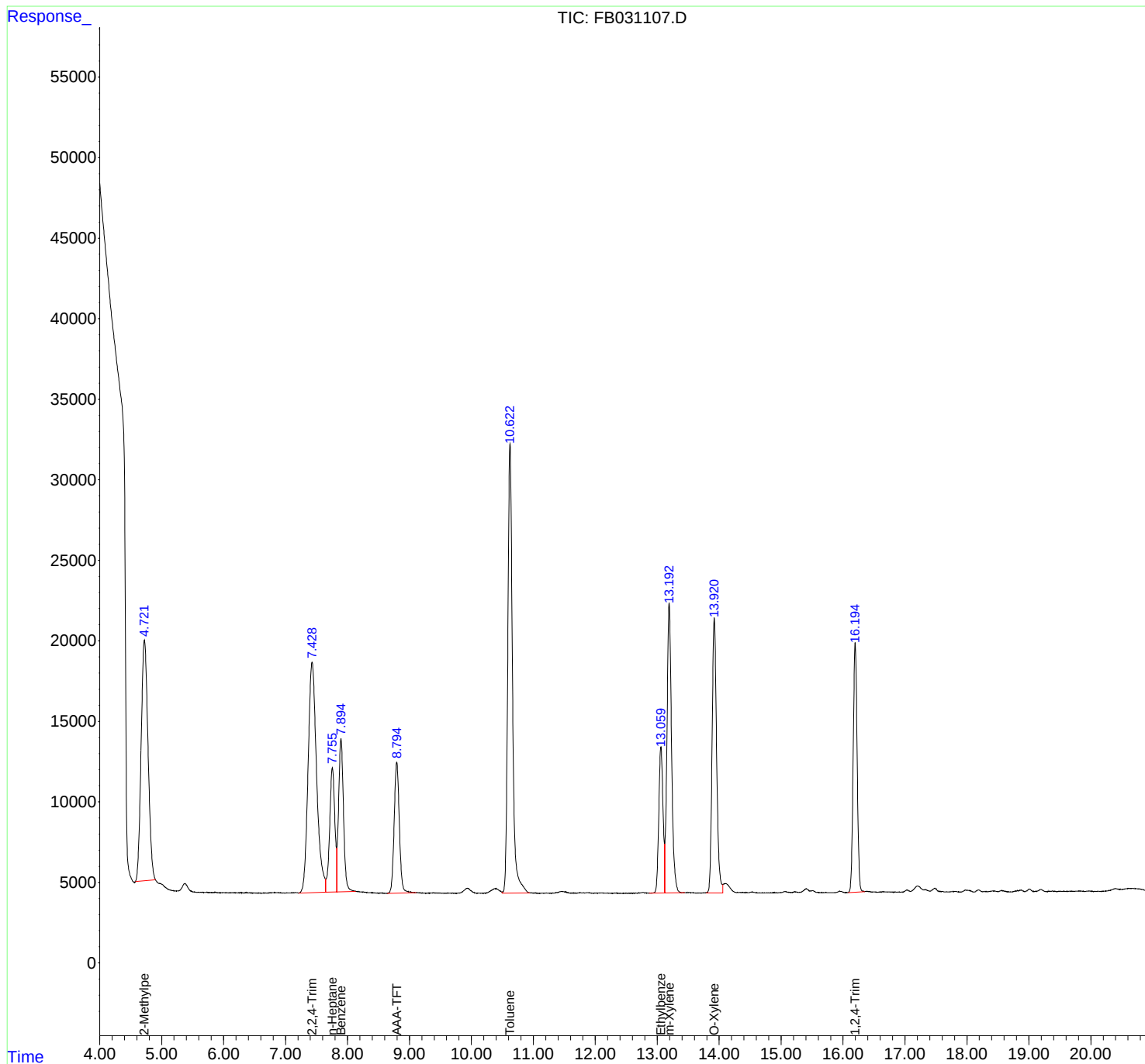
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031107.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 15:45
Operator : YP/AJ
Sample : BSF1106S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1106S1

Integration File: Calibration.e
Quant Time: Nov 07 01:52:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031107.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 15:45
Sample : BSF1106S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.723	4.582	4.900	BBA	14946	1155335	78.97%	13.863%
2	7.429	7.211	7.649	PV	14316	1366629	93.41%	16.398%
3	7.756	7.649	7.825	VV	7734	445627	30.46%	5.347%
4	7.895	7.825	8.130	VV	9518	529026	36.16%	6.348%
5	8.796	8.641	9.110	PV	8136	474211	32.41%	5.690%
6	10.624	10.496	10.944	VV	27879	1463046	100.00%	17.555%
7	13.060	12.868	13.121	BV	9077	426631	29.16%	5.119%
8	13.194	13.121	13.444	VV	17970	924696	63.20%	11.096%
9	13.921	13.785	14.057	VV	17078	864530	59.09%	10.374%
10	16.196	16.082	16.350	PV	15481	684217	46.77%	8.210%

Sum of corrected areas: 8333948

FB102824.M Thu Nov 07 02:41:38 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1107S1	SDG No.:	P4721
Lab Sample ID:	BSF1107S1	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
FB031130.D	1	11/07/24 11:48	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	169		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.1		50 - 150	80%	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\FB110724\
 Data File : FB031130.D
 Signal(s) : FID2B.CH
 Acq On : 7 Nov 2024 11:48
 Operator : YP/AJ
 Sample : BSF1107S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1107S1

Integration File: Calibration.e
 Quant Time: Nov 08 02:46:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.794	443219	16.057 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.720	1090902	27.776 ng/ml
2) t 2,2,4-Trimethylpentane	7.426	1332487	28.450 ng/ml
3) t n-Heptane	7.755	426042	9.401 ng/ml
4) t Benzene	7.893	521151	9.749 ng/ml
6) t Toluene	10.622	1435896	28.754 ng/ml
7) t Ethylbenzene	13.059	416715	9.309 ng/ml
8) t m-Xylene	13.192	905203	18.611 ng/ml
9) t O-Xylene	13.920	838013	18.384 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	695485	18.691 ng/ml

(f)=RT Delta > 1/2 Window

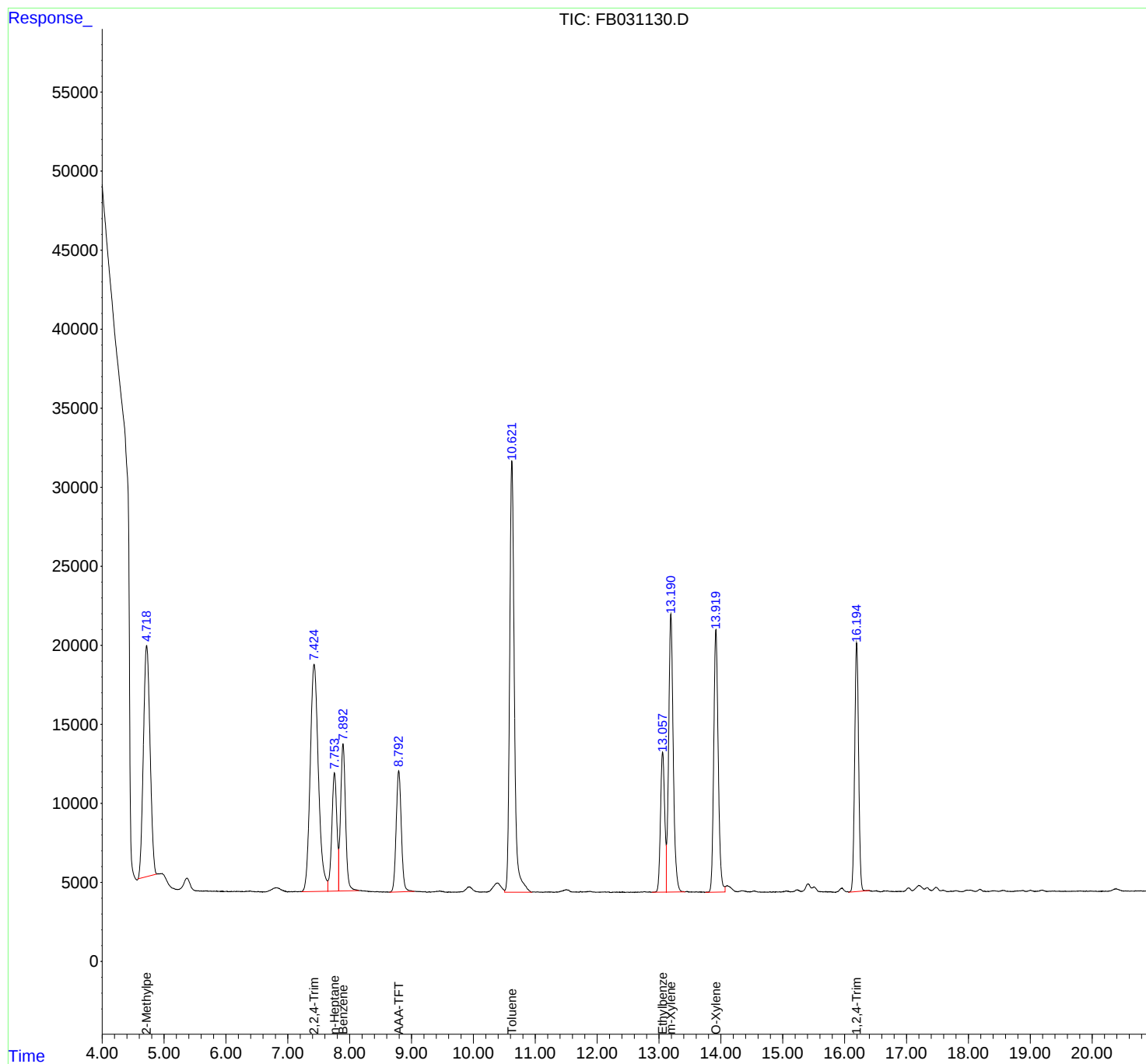
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031130.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 11:48
Operator : YP/AJ
Sample : BSF1107S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1107S1

Integration File: Calibration.e
Quant Time: Nov 08 02:46:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110724\
Data File : FB031130.D
Signal(s) : FID2B.CH
Acq On : 7 Nov 2024 11:48
Sample : BSF1107S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.582	4.881	BV	14625	1090902	75.97%	13.459%
2	7.426	7.223	7.648	PV	14371	1332487	92.80%	16.440%
3	7.755	7.648	7.823	VV	7477	426042	29.67%	5.256%
4	7.893	7.823	8.150	VV	9308	521151	36.29%	6.430%
5	8.794	8.648	9.049	BV	7664	443219	30.87%	5.468%
6	10.622	10.505	10.947	VV	27280	1435896	100.00%	17.716%
7	13.059	12.890	13.119	BV	8862	416715	29.02%	5.141%
8	13.192	13.119	13.422	VV	17571	905203	63.04%	11.168%
9	13.920	13.747	14.067	PV	16612	838013	58.36%	10.339%
10	16.195	16.066	16.403	PBA	15699	695485	48.44%	8.581%

Sum of corrected areas: 8105112

FB102824.M Fri Nov 08 03:58:19 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1106S2	SDG No.:	P4721
Lab Sample ID:	BSF1106S2	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
FB031114.D	1	11/06/24 18:54	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	182		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.6		50 - 150	78%	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\FB110624\
 Data File : FB031114.D
 Signal(s) : FID2B.CH
 Acq On : 6 Nov 2024 18:54
 Operator : YP/AJ
 Sample : BSF1106S2
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1106S2

Integration File: Calibration.e
 Quant Time: Nov 07 01:53:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.796	431249	15.623 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.722	1211566	30.849 ng/ml
2) t 2,2,4-Trimethylpentane	7.431	1422905	30.380 ng/ml
3) t n-Heptane	7.756	463102	10.218 ng/ml
4) t Benzene	7.896	563403	10.540 ng/ml
6) t Toluene	10.625	1537520	30.789 ng/ml
7) t Ethylbenzene	13.061	451618	10.089 ng/ml
8) t m-Xylene	13.194	967099	19.883 ng/ml
9) t O-Xylene	13.922	908058	19.921 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	711596	19.124 ng/ml

(f)=RT Delta > 1/2 Window

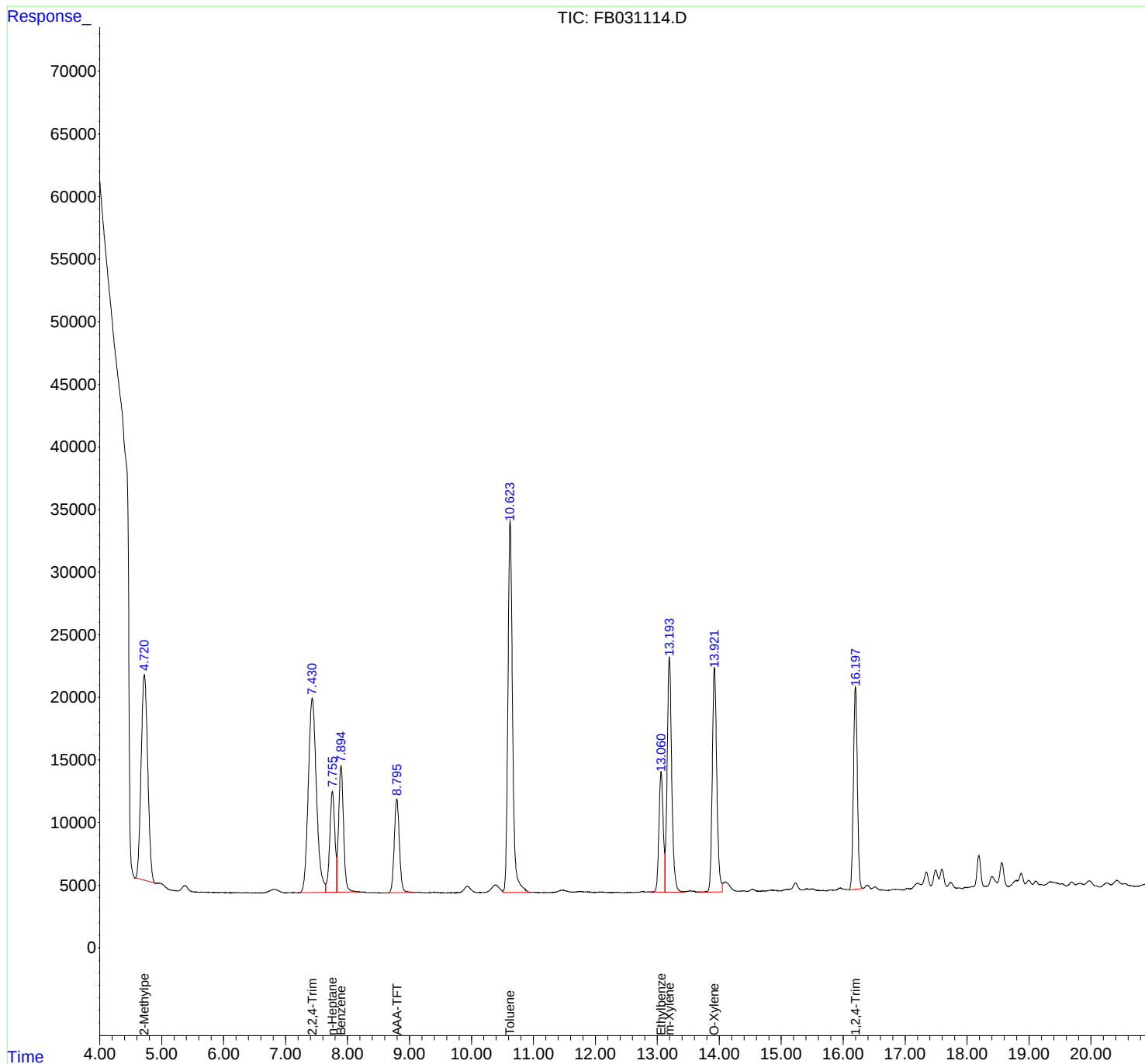
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031114.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 18:54
Operator : YP/AJ
Sample : BSF1106S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1106S2

Integration File: Calibration.e
Quant Time: Nov 07 01:53:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110624\
Data File : FB031114.D
Signal(s) : FID2B.CH
Acq On : 6 Nov 2024 18:54
Sample : BSF1106S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.722	4.582	4.900	BBA	16426	1211566	78.80%	13.977%
2	7.431	7.220	7.645	BV	15525	1422905	92.55%	16.415%
3	7.756	7.645	7.825	VV	8080	463102	30.12%	5.343%
4	7.896	7.825	8.181	VV	10080	563403	36.64%	6.500%
5	8.796	8.609	9.041	BV	7493	431249	28.05%	4.975%
6	10.625	10.502	10.948	VV	29643	1537520	100.00%	17.738%
7	13.061	12.879	13.122	BV	9589	451618	29.37%	5.210%
8	13.194	13.122	13.419	VV	18794	967099	62.90%	11.157%
9	13.922	13.661	14.051	PV	17888	908058	59.06%	10.476%
10	16.198	16.092	16.323	PV	16174	711596	46.28%	8.209%

Sum of corrected areas: 8668116

FB102824.M Thu Nov 07 02:42:28 2024

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4721-14		FB031123.D	FB110624	AAA-TFT	Ankita	11/7/2024 8:48:30 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4721-03		FB031131.D	FB110724	AAA-TFT	Ankita	11/8/2024 9:59:46 AM	Peak Integrated by Software incorrectly
P4721-09		FB031134.D	FB110724	AAA-TFT	Ankita	11/8/2024 9:59:48 AM	Peak Integrated by Software incorrectly
P4721-10		FB031135.D	FB110724	AAA-TFT	Ankita	11/8/2024 9:59:49 AM	Peak Integrated by Software incorrectly
BSF1107S2		FB031136.D	FB110724	1,2,4-Trimethylbenzene	Ankita	11/8/2024 9:59:51 AM	Peak Integrated by Software incorrectly
P4721-01		FB031141.D	FB110724	AAA-TFT	Ankita	11/8/2024 9:59:52 AM	Peak Integrated by Software incorrectly
P4722-08		FB031151.D	FB110724	AAA-TFT	Ankita	11/8/2024 9:59:54 AM	Peak Integrated by Software incorrectly
P4722-13MS		FB031157.D	FB110724	2-Methylpentane	Ankita	11/8/2024 9:59:55 AM	Peak Integrated by Software incorrectly
P4722-13MSD		FB031158.D	FB110724	2-Methylpentane	Ankita	11/8/2024 9:59:57 AM	Peak Integrated by Software incorrectly
P4721-07		FB031161.D	FB110724	AAA-TFT	Ankita	11/11/2024 10:41:07 AM	Peak Integrated by Software incorrectly
P4721-08		FB031162.D	FB110724	AAA-TFT	Ankita	11/11/2024 10:41:08 AM	Peak Integrated by Software incorrectly

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB102824

Review By	yogesh	Review On	10/28/2024 12:59:40 PM
Supervise By	Ankita	Supervise On	10/29/2024 9:55:43 AM
SubDirectory	FB102824	HP Acquire Method	HP Processing Method FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

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

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110624

Review By	yogesh	Review On	11/6/2024 1:56:05 PM
Supervise By	Ankita	Supervise On	11/7/2024 8:48:43 AM
SubDirectory	FB110624	HP Acquire Method	HP Processing Method FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM	PP23937,PP23938,PP23939		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031104.D	6 Nov 2024 14:11	YP/AJ	Ok
2	VBF1106S1	FB031105.D	6 Nov 2024 14:52	YP/AJ	Ok
3	VBF1106S2	FB031106.D	6 Nov 2024 15:18	YP/AJ	Ok
4	BSF1106S1	FB031107.D	6 Nov 2024 15:45	YP/AJ	Ok
5	P4721-01	FB031108.D	6 Nov 2024 16:12	YP/AJ	Dilution
6	P4721-02	FB031109.D	6 Nov 2024 16:39	YP/AJ	Dilution
7	P4721-03	FB031110.D	6 Nov 2024 17:06	YP/AJ	Ok
8	P4721-04	FB031111.D	6 Nov 2024 17:33	YP/AJ	Dilution
9	P4721-05	FB031112.D	6 Nov 2024 18:00	YP/AJ	Dilution
10	P4721-06	FB031113.D	6 Nov 2024 18:27	YP/AJ	Dilution
11	BSF1106S2	FB031114.D	6 Nov 2024 18:54	YP/AJ	Ok
12	20 PPB GRO STD	FB031115.D	6 Nov 2024 19:21	YP/AJ	Ok
13	P4721-07	FB031116.D	6 Nov 2024 20:42	YP/AJ	Ok
14	P4721-08	FB031117.D	6 Nov 2024 21:09	YP/AJ	Ok
15	P4721-09	FB031118.D	6 Nov 2024 21:36	YP/AJ	Ok
16	P4721-10	FB031119.D	6 Nov 2024 22:02	YP/AJ	Ok
17	P4721-11	FB031120.D	6 Nov 2024 22:29	YP/AJ	Dilution
18	P4721-12	FB031121.D	6 Nov 2024 22:56	YP/AJ	Not Ok
19	P4721-13	FB031122.D	6 Nov 2024 23:23	YP/AJ	Ok
20	P4721-14	FB031123.D	6 Nov 2024 23:50	YP/AJ	Dilution
21	P4721-15	FB031124.D	7 Nov 2024 00:16	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110624

Review By	yogesh	Review On	11/6/2024 1:56:05 PM
Supervise By	Ankita	Supervise On	11/7/2024 8:48:43 AM
SubDirectory	FB110624	HP Acquire Method	HP Processing Method FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM	PP23937,PP23938,PP23939		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

22	BSF1106S3	FB031125.D	7 Nov 2024 00:43	YP/AJ	Ok
23	20 PPB GRO STD	FB031126.D	7 Nov 2024 1:10	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110724

Review By	yogesh	Review On	11/7/2024 12:24:34 PM
Supervise By	Ankita	Supervise On	11/8/2024 10:00:03 AM
SubDirectory	FB110724	HP Acquire Method	HP Processing Method FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM	PP23941,PP23942,PP23943,PP23944,PP23945		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031127.D	7 Nov 2024 10:14	YP/AJ	Ok
2	VBF1107S1	FB031128.D	7 Nov 2024 10:54	YP/AJ	Ok
3	VBF1107S2	FB031129.D	7 Nov 2024 11:21	YP/AJ	Ok
4	BSF1107S1	FB031130.D	7 Nov 2024 11:48	YP/AJ	Ok
5	P4721-03	FB031131.D	7 Nov 2024 12:15	YP/AJ	Dilution
6	P4721-07	FB031132.D	7 Nov 2024 12:41	YP/AJ	Not Ok
7	P4721-08	FB031133.D	7 Nov 2024 13:08	YP/AJ	Not Ok
8	P4721-09	FB031134.D	7 Nov 2024 13:35	YP/AJ	Dilution
9	P4721-10	FB031135.D	7 Nov 2024 14:02	YP/AJ	Dilution
10	BSF1107S2	FB031136.D	7 Nov 2024 14:29	YP/AJ	Ok,M
11	20 PPB GRO STD	FB031137.D	7 Nov 2024 14:56	YP/AJ	Ok
12	P4721-12	FB031138.D	7 Nov 2024 16:16	YP/AJ	Not Ok
13	P4721-13	FB031139.D	7 Nov 2024 16:43	YP/AJ	Dilution
14	P4721-15	FB031140.D	7 Nov 2024 17:10	YP/AJ	Ok
15	P4721-01	FB031141.D	7 Nov 2024 17:36	YP/AJ	Ok,M
16	P4721-02	FB031142.D	7 Nov 2024 18:03	YP/AJ	Ok
17	P4721-04	FB031143.D	7 Nov 2024 18:30	YP/AJ	Ok
18	P4721-05	FB031144.D	7 Nov 2024 18:57	YP/AJ	Ok
19	P4721-06	FB031145.D	7 Nov 2024 19:24	YP/AJ	Ok
20	P4721-11	FB031146.D	7 Nov 2024 19:50	YP/AJ	Ok
21	P4721-14	FB031147.D	7 Nov 2024 20:17	YP/AJ	Dilution

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110724

Review By	yogesh	Review On	11/7/2024 12:24:34 PM
Supervise By	Ankita	Supervise On	11/8/2024 10:00:03 AM
SubDirectory	FB110724	HP Acquire Method	HP Processing Method FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM	PP23941,PP23942,PP23943,PP23944,PP23945		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

22	BSF1107S3	FB031148.D	7 Nov 2024 20:44	YP/AJ	Ok
23	20 PPB GRO STD	FB031149.D	7 Nov 2024 21:11	YP/AJ	Ok
24	P4722-03	FB031150.D	7 Nov 2024 22:31	YP/AJ	Not Ok
25	P4722-08	FB031151.D	7 Nov 2024 22:57	YP/AJ	Ok,M
26	P4722-13	FB031152.D	7 Nov 2024 23:24	YP/AJ	Not Ok
27	P4722-03	FB031153.D	7 Nov 2024 23:50	YP/AJ	Not Ok
28	P4722-08	FB031154.D	8 Nov 2024 00:17	YP/AJ	Not Ok
29	P4722-13	FB031155.D	8 Nov 2024 00:43	YP/AJ	Not Ok
30	P4722-13	FB031156.D	8 Nov 2024 1:10	YP/AJ	Ok
31	P4722-13MS	FB031157.D	8 Nov 2024 1:36	YP/AJ	Ok,M
32	P4722-13MSD	FB031158.D	8 Nov 2024 2:03	YP/AJ	Ok,M
33	BSF1107S4	FB031159.D	8 Nov 2024 2:29	YP/AJ	Ok
34	20 PPB GRO STD	FB031160.D	8 Nov 2024 2:56	YP/AJ	Ok
35	P4721-07	FB031161.D	8 Nov 2024 9:16	YP/AJ	Dilution
36	P4721-08	FB031162.D	8 Nov 2024 9:42	YP/AJ	Not Ok
37	P4721-12	FB031163.D	8 Nov 2024 10:09	YP/AJ	Ok
38	20 PPB GRO STD	FB031164.D	8 Nov 2024 10:36	YP/AJ	Ok
39	P4722-03	FB031165.D	8 Nov 2024 11:15	YP/AJ	Ok
40	P4721-14	FB031166.D	8 Nov 2024 11:42	YP/AJ	Ok
41	BSF1107S5	FB031167.D	8 Nov 2024 12:20	YP/AJ	Ok
42	20 PPB GRO STD	FB031168.D	8 Nov 2024 12:46	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB102824

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

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

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

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110624

Review By	yogesh	Review On	11/6/2024 1:56:05 PM
Supervise By	Ankita	Supervise On	11/7/2024 8:48:43 AM
SubDirectory	FB110624	HP Acquire Method	HP Processing Method
			FB102824

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC Internal Standard/PEM	PP23937,PP23938,PP23939
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031104.D	6 Nov 2024 14:11		YP/AJ	Ok
2	VBF1106S1		FB031105.D	6 Nov 2024 14:52		YP/AJ	Ok
3	VBF1106S2		FB031106.D	6 Nov 2024 15:18		YP/AJ	Ok
4	BSF1106S1		FB031107.D	6 Nov 2024 15:45		YP/AJ	Ok
5	P4721-01		FB031108.D	6 Nov 2024 16:12	Vial C- Need further 5X dilution	YP/AJ	Dilution
6	P4721-02		FB031109.D	6 Nov 2024 16:39	Vial C- Need further 5X dilution	YP/AJ	Dilution
7	P4721-03		FB031110.D	6 Nov 2024 17:06	Vial C	YP/AJ	Ok
8	P4721-04		FB031111.D	6 Nov 2024 17:33	Vial C- Need further 5X dilution	YP/AJ	Dilution
9	P4721-05		FB031112.D	6 Nov 2024 18:00	Vial C- Need further 5X dilution	YP/AJ	Dilution
10	P4721-06		FB031113.D	6 Nov 2024 18:27	Vial C- Need further 5X dilution	YP/AJ	Dilution
11	BSF1106S2		FB031114.D	6 Nov 2024 18:54		YP/AJ	Ok
12	20 PPB GRO STD		FB031115.D	6 Nov 2024 19:21		YP/AJ	Ok
13	P4721-07		FB031116.D	6 Nov 2024 20:42	Vial C	YP/AJ	Ok
14	P4721-08		FB031117.D	6 Nov 2024 21:09	Vial C	YP/AJ	Ok
15	P4721-09		FB031118.D	6 Nov 2024 21:36	Vial C	YP/AJ	Ok
16	P4721-10		FB031119.D	6 Nov 2024 22:02	Vial C	YP/AJ	Ok
17	P4721-11		FB031120.D	6 Nov 2024 22:29	Vial C- Need further 20X dilution	YP/AJ	Dilution
18	P4721-12		FB031121.D	6 Nov 2024 22:56	Vial C	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110624

Review By	yogesh	Review On	11/6/2024 1:56:05 PM
Supervise By	Ankita	Supervise On	11/7/2024 8:48:43 AM
SubDirectory	FB110624	HP Acquire Method	HP Processing Method
			FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC	PP23937,PP23938,PP23939		
Internal Standard/PEM			
ICV/I.BLK	PP23535,PP23922		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P4721-13		FB031122.D	6 Nov 2024 23:23	Vial C	YP/AJ	Ok
20	P4721-14		FB031123.D	6 Nov 2024 23:50	Vial C- Need further 200X dilution	YP/AJ	Dilution
21	P4721-15		FB031124.D	7 Nov 2024 00:16	Vial C	YP/AJ	Not Ok
22	BSF1106S3		FB031125.D	7 Nov 2024 00:43		YP/AJ	Ok
23	20 PPB GRO STD		FB031126.D	7 Nov 2024 1:10		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110724

Review By	yogesh	Review On	11/7/2024 12:24:34 PM
Supervise By	Ankita	Supervise On	11/8/2024 10:00:03 AM
SubDirectory	FB110724	HP Acquire Method	HP Processing Method FB102824

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921
CCC Internal Standard/PEM	PP23941,PP23942,PP23943,PP23944,PP23945
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031127.D	7 Nov 2024 10:14		YP/AJ	Ok
2	VBF1107S1		FB031128.D	7 Nov 2024 10:54		YP/AJ	Ok
3	VBF1107S2		FB031129.D	7 Nov 2024 11:21		YP/AJ	Ok
4	BSF1107S1		FB031130.D	7 Nov 2024 11:48		YP/AJ	Ok
5	P4721-03		FB031131.D	7 Nov 2024 12:15	vial-A , Surrogate fail need dilution	YP/AJ	Dilution
6	P4721-07		FB031132.D	7 Nov 2024 12:41	vial-A , Surrogate fail; Carry over	YP/AJ	Not Ok
7	P4721-08		FB031133.D	7 Nov 2024 13:08	vial-A , not purged	YP/AJ	Not Ok
8	P4721-09		FB031134.D	7 Nov 2024 13:35	vial-A , Surrogate fail need dilution	YP/AJ	Dilution
9	P4721-10		FB031135.D	7 Nov 2024 14:02	vial-A , Surrogate fail need dilution	YP/AJ	Dilution
10	BSF1107S2		FB031136.D	7 Nov 2024 14:29		YP/AJ	Ok,M
11	20 PPB GRO STD		FB031137.D	7 Nov 2024 14:56		YP/AJ	Ok
12	P4721-12		FB031138.D	7 Nov 2024 16:16	vial-A , Surrogate fail	YP/AJ	Not Ok
13	P4721-13		FB031139.D	7 Nov 2024 16:43	vial-A , Surrogate fail Need dilution	YP/AJ	Dilution
14	P4721-15		FB031140.D	7 Nov 2024 17:10	vial-A	YP/AJ	Ok
15	P4721-01		FB031141.D	7 Nov 2024 17:36	vial-c	YP/AJ	Ok,M
16	P4721-02		FB031142.D	7 Nov 2024 18:03	vial-c , Surrogate fail	YP/AJ	Ok
17	P4721-04		FB031143.D	7 Nov 2024 18:30	vial-c , Surrogate fail	YP/AJ	Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110724

Review By	yogesh	Review On	11/7/2024 12:24:34 PM
Supervise By	Ankita	Supervise On	11/8/2024 10:00:03 AM
SubDirectory	FB110724	HP Acquire Method	HP Processing Method
			FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM	PP23941,PP23942,PP23943,PP23944,PP23945		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

18	P4721-05		FB031144.D	7 Nov 2024 18:57	vial-c , Surrogate fail	YP/AJ	Ok
19	P4721-06		FB031145.D	7 Nov 2024 19:24	vial-c , Surrogate fail	YP/AJ	Ok
20	P4721-11		FB031146.D	7 Nov 2024 19:50	vial-c , Surrogate fail	YP/AJ	Ok
21	P4721-14		FB031147.D	7 Nov 2024 20:17	vial-c , Surrogate fail , need 10x further	YP/AJ	Dilution
22	BSF1107S3		FB031148.D	7 Nov 2024 20:44		YP/AJ	Ok
23	20 PPB GRO STD		FB031149.D	7 Nov 2024 21:11		YP/AJ	Ok
24	P4722-03		FB031150.D	7 Nov 2024 22:31	vial-A , not purged	YP/AJ	Not Ok
25	P4722-08		FB031151.D	7 Nov 2024 22:57	vial-A	YP/AJ	Ok,M
26	P4722-13		FB031152.D	7 Nov 2024 23:24	vial-A , not purged	YP/AJ	Not Ok
27	P4722-03		FB031153.D	7 Nov 2024 23:50	vial-B , not purged	YP/AJ	Not Ok
28	P4722-08		FB031154.D	8 Nov 2024 00:17	vial-B , not purged	YP/AJ	Not Ok
29	P4722-13		FB031155.D	8 Nov 2024 00:43	vial-B , not purged	YP/AJ	Not Ok
30	P4722-13		FB031156.D	8 Nov 2024 1:10	vial-C	YP/AJ	Ok
31	P4722-13MS		FB031157.D	8 Nov 2024 1:36	vial-C	YP/AJ	Ok,M
32	P4722-13MSD		FB031158.D	8 Nov 2024 2:03	vial-C	YP/AJ	Ok,M
33	BSF1107S4		FB031159.D	8 Nov 2024 2:29		YP/AJ	Ok
34	20 PPB GRO STD		FB031160.D	8 Nov 2024 2:56		YP/AJ	Ok
35	P4721-07		FB031161.D	8 Nov 2024 9:16	vial-B , Surrogate fail need dilution	YP/AJ	Dilution
36	P4721-08		FB031162.D	8 Nov 2024 9:42	vial-B , Not purge	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB110724

Review By	yogesh	Review On	11/7/2024 12:24:34 PM
Supervise By	Ankita	Supervise On	11/8/2024 10:00:03 AM
SubDirectory	FB110724	HP Acquire Method	HP Processing Method
			FB102824
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP23534,PP23917,PP23918,PP23919,PP23920,PP23921		
CCC Internal Standard/PEM	PP23941,PP23942,PP23943,PP23944,PP23945		
ICV/I.BLK Surrogate Standard	PP23535,PP23922		
MS/MSD Standard			
LCS Standard			

37	P4721-12		FB031163.D	8 Nov 2024 10:09	vial-B	YP/AJ	Ok
38	20 PPB GRO STD		FB031164.D	8 Nov 2024 10:36		YP/AJ	Ok
39	P4722-03		FB031165.D	8 Nov 2024 11:15	vial-C	YP/AJ	Ok
40	P4721-14		FB031166.D	8 Nov 2024 11:42	vial-C	YP/AJ	Ok
41	BSF1107S5		FB031167.D	8 Nov 2024 12:20		YP/AJ	Ok
42	20 PPB GRO STD		FB031168.D	8 Nov 2024 12:46		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: sohil
Analyst: jignesh
Date: 11/7/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 11/06/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133313

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
P4659-01	MH-2	39	1.13	8.64	9.77	8.64	86.9	
P4662-06	102524-D	29	1.00	1.00	2.00	2.00	100.0	oil sample
P4720-01	JC-701-COMP-01	1	1.16	8.49	9.65	8.85	90.6	
P4720-02	JC-701-VOC-01	2	1.16	8.49	9.65	8.85	90.6	
P4720-03	JC-701-01	3	1.15	8.58	9.73	8.99	91.4	
P4720-04	JC-701-02	4	1.13	8.65	9.78	8.73	87.9	
P4721-01	EX-2-TPH-1	5	1.15	8.82	9.97	8.8	86.7	
P4721-02	EX-2-TPH-2	6	1.18	8.47	9.65	8.21	83.0	
P4721-03	EX-2-TPH-3	7	1.16	8.82	9.98	8.95	88.3	
P4721-04	EX-11-TPH-1	8	1.15	8.53	9.68	7.95	79.7	
P4721-05	EX-11-TPH-2	9	1.12	8.56	9.68	8.95	91.5	
P4721-06	EX-11-TPH-3	10	1.15	8.80	9.95	8.14	79.4	
P4721-07	EX-11-TPH-4	11	1.14	8.83	9.97	8.7	85.6	
P4721-08	EX-9-TPH-1	12	1.16	8.53	9.69	8.3	83.7	
P4721-09	EX-9-TPH-2	13	1.12	8.47	9.59	8.36	85.5	
P4721-10	EX-9-TPH-3	14	1.15	8.42	9.57	8.32	85.2	
P4721-11	EX-9-TPH-4	15	1.12	8.81	9.93	9.00	89.4	
P4721-12	EX-9-TPH-5	16	1.17	8.81	9.98	8.83	86.9	
P4721-13	EX-9-TPH-6	17	1.19	8.79	9.98	8.54	83.6	
P4721-14	EX-9-TPH-7	18	1.19	8.42	9.61	8.5	86.8	
P4721-15	EX-9-TPH-8	19	1.15	8.83	9.98	8.85	87.2	
P4722-01	WC-1 (5.5)	20	1.18	8.44	9.62	8.64	88.4	
P4722-03	WC-1 (0-6)	21	1.15	8.81	9.96	9.41	93.8	
P4722-06	WC-2 (2)	22	1.14	8.61	9.75	8.87	89.8	
P4722-08	WC-2 (0-6)	23	1.13	8.79	9.92	9.05	90.1	
P4722-11	WC-3 (5)	24	1.14	8.40	9.54	7.17	71.8	
P4722-13	WC-3 (0-6)	25	1.17	8.61	9.78	8.63	86.6	
P4722-17	WC-1 (3.5)	26	1.19	8.47	9.66	7.95	79.8	

PERCENT SOLID

Supervisor: sohil
Analyst: jignesh
Date: 11/7/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 11/06/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133313

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
P4722-19	WC-2 (4)	27	1.18	8.78	9.96	9.03	89.4	
P4722-21	WC-3 (3)	28	1.17	8.69	9.86	8.79	87.7	
P4731-01	NASSAU-ST-CO	30	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4731-02	S.JEFFERSON-CO-1	31	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4731-03	S.JEFFERSON-CO-2	32	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
P4732-01	PPE-COMP	33	1.00	1.00	2.00	2.00	100.0	PPE- PLASTIC
P4732-02	PPE-COMP	34	1.00	1.00	2.00	2.00	100.0	PPE- PLASTIC
P4732-04	PPE-Grab	35	1.00	1.00	2.00	2.00	100.0	PPE- PLASTIC
P4732-05	PPE-Grab	36	1.00	1.00	2.00	2.00	100.0	PPE- PLASTIC
P4734-01	EO-03-11062024	37	1.16	8.48	9.64	9.11	93.7	
P4734-02	EO-03-11062024-E2	38	1.19	8.67	9.86	9.26	93.1	
P4737-01	TP2	40	1.15	8.35	9.5	8.78	91.4	
P4737-02	TP2-E2	41	1.16	8.67	9.83	8.94	89.7	
P4738-01	72-12018	42	1.14	8.70	9.84	2.66	17.5	GEL MARTIX
P4739-01	TP-14	43	1.14	8.71	9.85	8.87	88.7	
P4739-02	TP-14-EPH	44	1.18	8.52	9.7	8.71	88.4	
P4739-03	TP-14-VOC	45	1.13	8.73	9.86	8.75	87.3	
P4739-05	BP-G2	46	1.16	8.71	9.87	8.74	87.0	
P4739-06	BP-G2-EPH	47	1.13	8.52	9.65	8.5	86.5	
P4739-07	BP-G2-VOC	48	1.13	8.85	9.98	8.93	88.1	
P4739-09	BP-B2	49	1.15	8.62	9.77	8.68	87.4	
P4739-10	BP-B2-EPH	50	1.15	8.38	9.53	8.4	86.5	
P4739-11	BP-B2-VOC	51	1.15	8.73	9.88	8.66	86.0	
P4739-13	TP-11	52	1.16	8.37	9.53	8.85	91.9	
P4739-14	TP-11-EPH	53	1.16	8.75	9.91	9.17	91.5	
P4739-15	TP-11-VOC	54	1.12	8.74	9.86	9.11	91.4	

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

WORKLIST(Hardcopy Internal Chain)

133313

WorkList Name : %1-110624

WorkList ID : 185146

Department : Wet-Chemistry

Date : 11-06-2024 07:38:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4659-01	MH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4662-06	102524-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	K61	10/31/2024	Chemtech -SO
P4720-01	JC-701-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	11/05/2024	Chemtech -SO
P4720-02	JC-701-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	11/05/2024	Chemtech -SO
P4720-03	JC-701-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	11/05/2024	Chemtech -SO
P4720-04	JC-701-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	11/05/2024	Chemtech -SO
P4721-01	EX-2-TPH-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	K31	11/05/2024	Chemtech -SO
P4721-02	EX-2-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-03	EX-2-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-04	EX-11-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-05	EX-11-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-06	EX-11-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-07	EX-11-TPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-08	EX-9-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-09	EX-9-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-10	EX-9-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-11	EX-9-TPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-12	EX-9-TPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-13	EX-9-TPH-6	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-14	EX-9-TPH-7	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO
P4721-15	EX-9-TPH-8	Solid	Percent Solids	Cool 4 deg C	ENTA05	L23	11/05/2024	Chemtech -SO

Date/Time 11/06/24 15:40
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: JWC

Date/Time 11/06/24 17:45
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

133313

WorkList Name : %1-110624

WorkList ID : 185146

Department : Wet-Chemistry

Date : 11-06-2024 07:38:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4722-01	WC-1(5.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-03	WC-1(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-06	WC-2(2)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-08	WC-2(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-11	WC-3(5)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-13	WC-3(0-6)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-17	WC-1(3.5)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-19	WC-2(4)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4722-21	WC-3(3)	Solid	Percent Solids	Cool 4 deg C	WALS01	L23	11/05/2024	Chemtech -SO
P4731-01	NASSAU-ST-CO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	10/23/2024	Chemtech -SO
P4731-02	S.JEFFERSON-CO-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	10/23/2024	Chemtech -SO
P4731-03	S.JEFFERSON-CO-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	10/23/2024	Chemtech -SO
P4732-01	PPE-COMP	Solid	Percent Solids	Cool 4 deg C	FUR101	L11	11/06/2024	Chemtech -SO
P4732-02	PPE-COMP	Solid	Percent Solids	Cool 4 deg C	FUR101	L11	11/06/2024	Chemtech -SO
P4732-04	PPE-Grab	Solid	Percent Solids	Cool 4 deg C	FUR101	L11	11/06/2024	Chemtech -SO
P4732-05	PPE-Grab	Solid	Percent Solids	Cool 4 deg C	FUR101	L11	11/06/2024	Chemtech -SO
P4734-01	EO-03-11062024	Solid	Percent Solids	Cool 4 deg C	PSEG05	L23	11/06/2024	Chemtech -SO
P4734-02	EO-03-11062024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L23	11/06/2024	Chemtech -SO
P4737-01	TP2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/05/2024	Chemtech -SO
P4737-02	TP2-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/05/2024	Chemtech -SO
P4738-01	72-12018	Solid	Percent Solids	Cool 4 deg C	PSEG03	L23	11/06/2024	Chemtech -SO

Date/Time 11/06/24 15:40
 Raw Sample Received by: SO (WC)
 Raw Sample Relinquished by: SO (WC)

Date/Time 11/06/24
 Raw Sample Received by: SO (WC)
 Raw Sample Relinquished by: SO (WC)

WORKLIST(Hardcopy Internal Chain)

133313

WorkList Name : %1-110624

WorkList ID : 185146

Department : Wet-Chemistry

Date : 11-06-2024 07:38:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4739-01	TP-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-02	TP-14-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-03	TP-14-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-05	BP-G2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-06	BP-G2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-07	BP-G2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-09	BP-B2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-10	BP-B2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-11	BP-B2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-13	TP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-14	TP-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO
P4739-15	TP-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	11/06/2024	Chemtech -SO

Date/Time 11/06/24 15:40

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 11/06/24

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

NO. 2 OF 2

P4721

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD										COMMENTS		
LOCATION	ENTACT LLC		PROJECT	North Point			TPH analysis (EPH Cat2, DRO & GRO) (8015)												
ATTN	Wyatt Seel		BILLING INFORMATION																
ADDRESS	150 Bay Street, Suite 801		BILL TO	ENTACT LLC															
Jersey City, NJ		ADDRESS	999 Oakmont Plaza Drive Suite 300																
PHONE	419-266-4671		PHONE	630-986-2900															
FAX			FAX			PO#	E9306												
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS												
EX-9-TPH-3	TPH	11/5	11:00	Soil	G	Teracore / 8oz	2	X											
EX-9-TPH-4	TPH	11/5	11:00	Soil	G		2	X											
EX-9-TPH-5	TPH	11/5	11:00	Soil	G		2	X											
EX-9-TPH-6	TPH	11/5	11:00	Soil	G		2	X											
EX-9-TPH-7	TPH	11/5	11:00	Soil	G		2	X											
EX-9-TPH-8	TPH	11/5	11:00	Soil	G		2	X											
EX-9-TPH-9	TPH	11/5	11:00	Soil	G		2	X											
SAMPLER		A. Farmerie		SHIPMENT		courier		AIRBILL											
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: 3.46																	
1. RELINQUISHED BY		DATE	2. RELINQUISHED BY			DATE	3. RELINQUISHED BY			DATE									
SIGNATURE:		11-5-24	SIGNATURE:				SIGNATURE:			11-5-24									
PRINTED NAME/COMPANY: Austin Farmerie ENTACT		12:57	PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY: Jahmir Davis			1732									
1. RECEIVED BY		DATE	2. RECEIVED BY			DATE	3. RECEIVED BY			DATE									
SIGNATURE:		11-5-24	SIGNATURE:				SIGNATURE:												
PRINTED NAME/COMPANY: Jahmir Davis		1257	PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:												



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

Laboratory Certification

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