

Cover Page

Order ID : P4839

Project ID : North Point

Client : ENTACT

Lab Sample Number

P4839-01
P4839-02
P4839-03
P4839-04
P4839-05
P4839-06
P4839-07
P4839-08
P4839-09
P4839-10
P4839-11
P4839-12
P4839-13
P4839-14
P4839-15
P4839-16
P4839-17
P4839-18
P4839-19
P4839-20
P4839-21
P4839-22

Client Sample Number

EX-9-TPH-9
EX-9-TPH-10
EX-9-TPH-11
EX-9-TPH-12
EX-9-TPH-13
EX-9-TPH-14
EX-9-TPH-15
EX-9-TPH-16
EX-9-TPH-17
EX-9-TPH-18
EX-9-TPH-19
EX-9-TPH-20
EX-9-TPH-21
EX-10-TPH-1
EX-10-TPH-2
EX-10-TPH-3
EX-4-TPH-1
EX-4-TPH-2
EX-4-TPH-3
EX-4-TPH-4
EX-4-TPH-5
EX-4-TPH-6

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

Signature : _____

Date: 11/25/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4839

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/25/2024

LAB CHRONICLE

OrderID:	P4839	OrderDate:	11/13/2024 2:21:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4839-01	EX-9-TPH-9	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-01DL	EX-9-TPH-9DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-02	EX-9-TPH-10	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
			EPH	NJEPH		11/14/24	11/19/24	
P4839-02DL	EX-9-TPH-10DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/18/24	
P4839-03	EX-9-TPH-11	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/18/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-03DL	EX-9-TPH-11DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/18/24	
P4839-04	EX-9-TPH-12	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/15/24	
			Gasoline Range Organics	8015D			11/15/24	

LAB CHRONICLE

			EPH	NJEPH		11/14/24	11/15/24	
P4839-05	EX-9-TPH-13	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-05DL	EX-9-TPH-13DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-06	EX-9-TPH-14	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/18/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/19/24	
P4839-06DL	EX-9-TPH-14DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/19/24	
P4839-07	EX-9-TPH-15	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-07DL	EX-9-TPH-15DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/18/24	
P4839-08	EX-9-TPH-16	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/15/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-09	EX-9-TPH-17	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	

LAB CHRONICLE

P4839-09DL	EX-9-TPH-17DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/18/24	
P4839-10	EX-9-TPH-18	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/16/24	
			Gasoline Range Organics	8015D			11/14/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-11	EX-9-TPH-19	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/19/24	
P4839-11DL	EX-9-TPH-19DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/19/24	
P4839-12	EX-9-TPH-20	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/16/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-13	EX-9-TPH-21	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/18/24	
P4839-13DL	EX-9-TPH-21DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/18/24	
P4839-14	EX-10-TPH-1	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/16/24	
			Gasoline Range Organics	8015D			11/14/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-15	EX-10-TPH-2	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	

LAB CHRONICLE

			EPH	NJEPH		11/14/24	11/19/24	
P4839-15DL	EX-10-TPH-2DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/14/24	11/15/24	
			EPH	NJEPH		11/14/24	11/19/24	
P4839-16	EX-10-TPH-3	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/16/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-17	EX-4-TPH-1	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-18	EX-4-TPH-2	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/16/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-19	EX-4-TPH-3	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/16/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-20	EX-4-TPH-4	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/14/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/14/24	11/15/24	
P4839-21	EX-4-TPH-5	SOIL			11/13/24			11/13/24
			Diesel Range Organics	8015D		11/16/24	11/18/24	
			Gasoline Range Organics	8015D			11/15/24	
			EPH	NJEPH		11/16/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4839-21DL	EX-4-TPH-5DL	Solid			11/13/24			11/13/24
			EPH	NJEPH		11/16/24	11/19/24	
P4839-21DL	EX-4-TPH-5DL2	Solid			11/13/24			11/13/24

LAB CHRONICLE

P4839-22	EX-4-TPH-6	SOIL	EPH	NJEPH	11/16/24	11/19/24	11/13/24
			Diesel Range Organics	8015D	11/16/24	11/18/24	
			Gasoline Range Organics	8015D		11/15/24	
			EPH	NJEPH	11/16/24	11/18/24	



QC SUMMARY

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: ENTACT
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VPF1114S2	90				0
BSF1114S1	91				0
EX-9-TPH-18	103				0
EX-10-TPH-1	110				0
BSF1114S3	89				0
EX-10-TPH-3	204 *				1
EX-4-TPH-6	84				0
VPF1115S1	95				0
VPF1115S2	77				0
BSF1115S1	82				0
EX-9-TPH-9	180 *				1
EX-9-TPH-10	223 *				1
EX-9-TPH-20	314 *				1
BSF1115S2	94				0
EX-4-TPH-2	126				0
EX-4-TPH-3	77				0
EX-4-TPH-4	102				0
EX-9-TPH-15	131				0
EX-9-TPH-16	125				0
EX-9-TPH-17	209 *				1
EX-9-TPH-19	119				0
EX-9-TPH-12	144				0
EX-9-TPH-13	166 *				1
EX-10-TPH-2	155 *				1
EX-4-TPH-5	138				0
EX-9-TPH-21	193 *				1
EX-4-TPH-1	85				0
VPF1118S2	79				0
BSF1118S1	91				0
EX-9-TPH-11	117				0
EX-9-TPH-14	147				0
BSF1118S3	98				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:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1114S1 **Datafile:** FB031172.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	172	96	50-150

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1114S3 **Datafile:** FB031190.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	160	89	50-150

LCS/LCSD % Recovery RPD : 7.3

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1115S1 **Datafile:** FB031203.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	158	88	50-150

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1115S2 **Datafile:** FB031210.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	163	91	50-150

LCS/LCSD % Recovery RPD : 3.1

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1115S3 **Datafile:** FB031221.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	163	91	50-150

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1115S4 **Datafile:** FB031233.D

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

LCS/LCSD % Recovery RPD : 6.5

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

Lab Name: Chemtech **Client:** ENTACT
Lab Code: CHEM **Cas No:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1118S1 **Datafile:** FB031238.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:** P4839 **SAS No :** P4839 **SDG No:** P4839
Matrix Spike - EPA Sample No : BSF1118S3 **Datafile:** FB031247.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	162	90	50-150

LCS/LCSD % Recovery RPD : 4.2

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1114S2

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4839

SAS No.: P4839 SDG NO.: P4839

Lab File ID: FB031171.D

Lab Sample ID: VBF1114S2

Date Analyzed: 11/14/24

Time Analyzed: 15:10

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
BSF1114S1	BSF1114S1	FB031172.D	11/14/24
EX-9-TPH-18	P4839-10	FB031184.D	11/14/24
EX-10-TPH-1	P4839-14	FB031188.D	11/14/24
BSF1114S3	BSF1114S3	FB031190.D	11/15/24
EX-10-TPH-3	P4839-16	FB031192.D	11/15/24
EX-4-TPH-6	P4839-22	FB031198.D	11/15/24

COMMENTS: _____

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1115S1

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4839

SAS No.: P4839 SDG NO.: P4839

Lab File ID: FB031201.D

Lab Sample ID: VBF1115S1

Date Analyzed: 11/15/24

Time Analyzed: 7:51

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

Heated Purge: (Y/N) Y

Instrument ID: FB

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1115S1	BSF1115S1	FB031203.D	11/15/24
BSF1115S2	BSF1115S2	FB031210.D	11/15/24
EX-4-TPH-2	P4839-18	FB031213.D	11/15/24
EX-4-TPH-3	P4839-19	FB031214.D	11/15/24
EX-4-TPH-4	P4839-20	FB031215.D	11/15/24
EX-4-TPH-1	P4839-17	FB031230.D	11/15/24

COMMENTS: _____

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1115S2

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4839

SAS No.: P4839 SDG NO.: P4839

Lab File ID: FB031202.D

Lab Sample ID: VBF1115S2

Date Analyzed: 11/15/24

Time Analyzed: 8:18

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
EX-9-TPH-9	P4839-01	FB031204.D	11/15/24
EX-9-TPH-10	P4839-02	FB031205.D	11/15/24
EX-9-TPH-20	P4839-12	FB031207.D	11/15/24
EX-9-TPH-15	P4839-07	FB031217.D	11/15/24
EX-9-TPH-16	P4839-08	FB031218.D	11/15/24
EX-9-TPH-17	P4839-09	FB031219.D	11/15/24
EX-9-TPH-19	P4839-11	FB031220.D	11/15/24
EX-9-TPH-12	P4839-04	FB031223.D	11/15/24
EX-9-TPH-13	P4839-05	FB031224.D	11/15/24
EX-10-TPH-2	P4839-15	FB031225.D	11/15/24
EX-4-TPH-5	P4839-21	FB031226.D	11/15/24
EX-9-TPH-21	P4839-13	FB031227.D	11/15/24

COMMENTS: _____

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1118S2

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4839

SAS No.: P4839 SDG NO.: P4839

Lab File ID: FB031237.D

Lab Sample ID: VBF1118S2

Date Analyzed: 11/18/24

Time Analyzed: 12:13

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
BSF1118S1	BSF1118S1	FB031238.D	11/18/24
EX-9-TPH-11	P4839-03	FB031239.D	11/18/24
EX-9-TPH-14	P4839-06	FB031240.D	11/18/24
BSF1118S3	BSF1118S3	FB031247.D	11/18/24

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-9		SDG No.:	P4839	
Lab Sample ID:	P4839-01		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	85.1	Decanted:
Sample Wt/Vol:	8.42	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031204.D	500	11/15/24 10:16	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	148000		2690	15700	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	36.0	*	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\FB111524\
Data File : FB031204.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 10:16
Operator : YP/AJ
Sample : P4839-01 500X
Misc : 8.42G/5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 18 02:29:28 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	8.802	992306	35.949 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

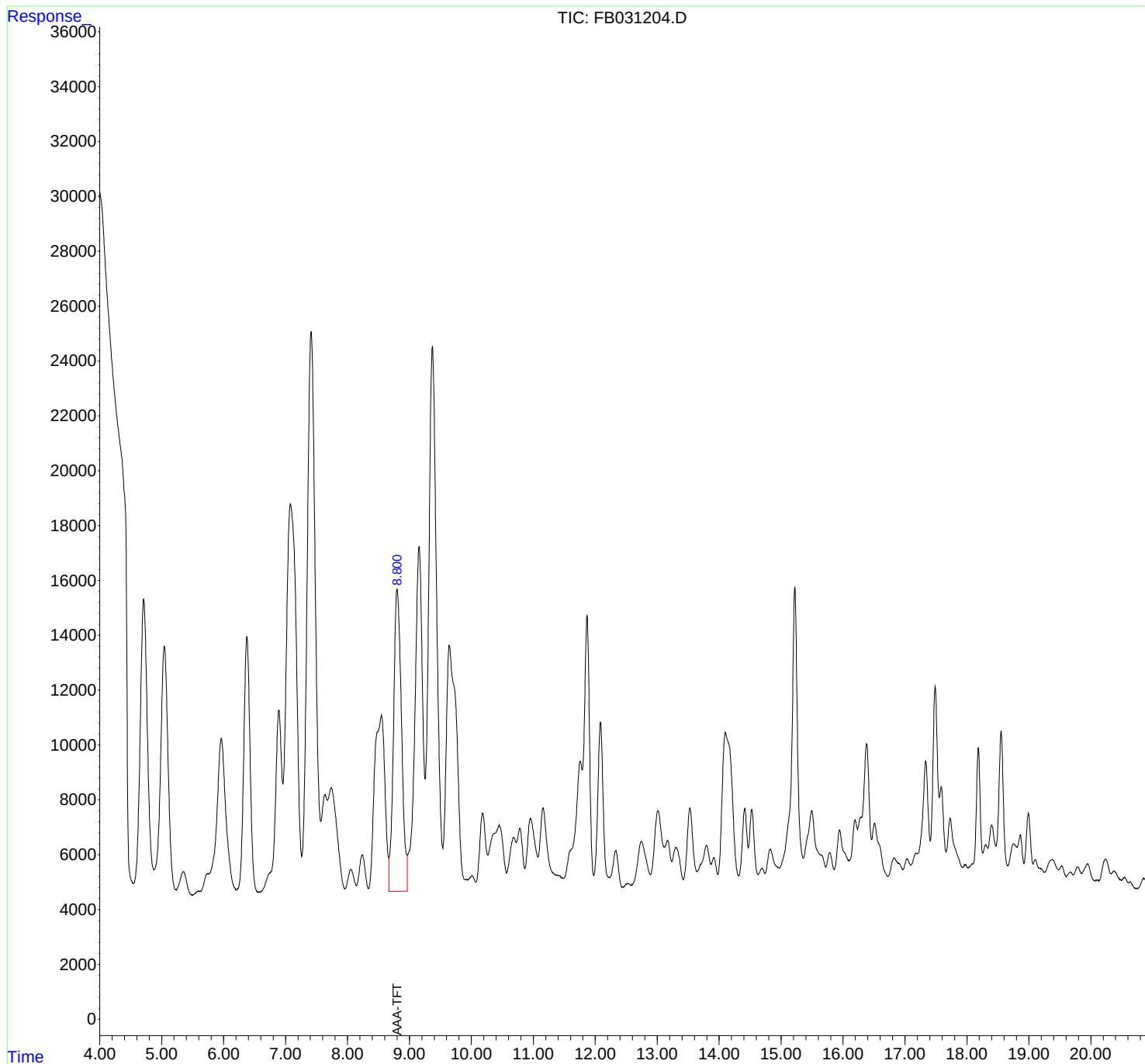
(m)=manual int.

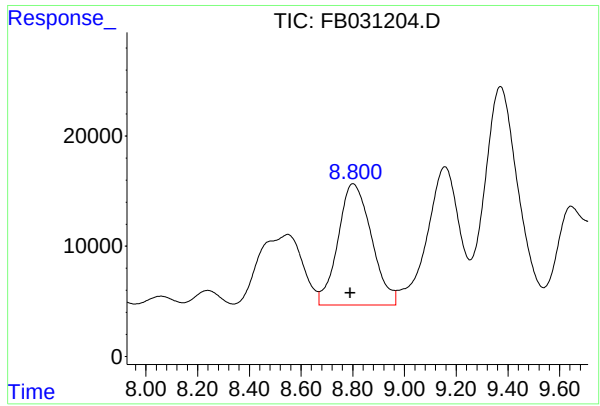
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031204.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 10:16
Operator : YP/AJ
Sample : P4839-01 500X
Misc : 8.42G/5.00 ML MEOH
ALS Vial : 1 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 18 02:29:28 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.: 8.802 min
Delta R.T.: 0.011 min
Response: 992306
Conc: 35.95 ng/ml

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

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031204.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 10:16
Sample : P4839-01 500X
Misc : 8.42G/5.00 ML ME0H
ALS Vial : 1 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	4.504	4.877	BV	10324	812671	42.72%	4.036%
2	5.354	5.238	5.503	VV	769	53861	2.83%	0.268%
3	5.600	5.503	5.631	PV	147	7001	0.37%	0.035%
4	5.748	5.631	5.764	VV	793	41459	2.18%	0.206%
5	5.964	5.764	6.204	VV	5704	609679	32.05%	3.028%
6	6.376	6.204	6.569	VV	9414	673466	35.40%	3.345%
7	7.080	6.958	7.262	VV	14230	1626728	85.51%	8.079%
8	7.414	7.262	7.571	VV	20521	1902478	100.00%	9.449%
9	7.638	7.571	7.677	VV	3643	210755	11.08%	1.047%
10	7.738	7.677	7.959	VV	3878	394201	20.72%	1.958%
11	8.057	7.959	8.149	VV	915	65644	3.45%	0.326%
12	8.239	8.149	8.343	VV	1437	97564	5.13%	0.485%
13	8.548	8.343	8.669	VV	6526	768359	40.39%	3.816%
14	8.802	8.669	8.967	VV	11121	1010352	53.11%	5.018%
15	9.157	8.967	9.254	VV	12668	1099655	57.80%	5.461%
16	9.371	9.254	9.538	VV	19942	1780853	93.61%	8.845%
17	9.646	9.538	9.937	VV	9049	1086224	57.10%	5.395%
18	10.010	9.937	10.070	VV	650	44753	2.35%	0.222%
19	10.183	10.070	10.266	VV	2943	210758	11.08%	1.047%
20	10.450	10.266	10.571	VV	2496	348169	18.30%	1.729%
21	10.684	10.571	10.724	VV	2050	145449	7.65%	0.722%
22	10.782	10.724	10.864	VV	2379	154597	8.13%	0.768%
23	10.956	10.864	11.073	VV	2732	244908	12.87%	1.216%
24	11.159	11.073	11.483	VV	3118	333193	17.51%	1.655%
25	11.759	11.483	11.788	VV	4814	414786	21.80%	2.060%
26	11.868	11.788	11.977	VV	10119	626172	32.91%	3.110%
27	12.085	11.977	12.229	VV	6226	400102	21.03%	1.987%
28	12.330	12.229	12.442	VV	1547	111481	5.86%	0.554%
29	12.527	12.442	12.576	VV	344	23427	1.23%	0.116%
30	12.746	12.576	12.889	VV	1882	201591	10.60%	1.001%
31	13.013	12.889	13.118	VV	2991	273402	14.37%	1.358%
32	13.168	13.118	13.237	VV	1907	115583	6.08%	0.574%
33	13.303	13.237	13.421	VV	1660	136620	7.18%	0.679%
34	13.529	13.421	13.643	VV	3093	223762	11.76%	1.111%
35	13.796	13.643	13.871	VV	1723	168132	8.84%	0.835%
36	13.915	13.871	13.978	VV	1283	67885	3.57%	0.337%

						rteres		
37	14.104	13.978	14.315	VV	5814	674390	35.45%	3.349%
38	14.414	14.315	14.471	VV	3064	178257	9.37%	0.885%
39	14.528	14.471	14.631	VV	3022	177335	9.32%	0.881%
40	14.691	14.631	14.740	VV	866	50578	2.66%	0.251%
41	14.826	14.740	14.969	VV	1567	155200	8.16%	0.771%
42	15.222	14.969	15.359	VV	11110	858024	45.10%	4.261%
43	15.495	15.359	15.721	VV	2969	387181	20.35%	1.923%
44	15.786	15.721	15.857	VV	1434	93468	4.91%	0.464%
45	15.945	15.857	16.096	VV	2262	216410	11.38%	1.075%
46	16.196	16.096	16.234	VV	2624	159552	8.39%	0.792%
47	16.381	16.234	16.463	VV	5407	466981	24.55%	2.319%
48	16.510	16.463	16.705	VBA	2494	231752	12.18%	1.151%
						Sum of corrected areas:	20134848	

FB102824.M Mon Nov 18 03:13:15 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-10	SDG No.:	P4839
Lab Sample ID:	P4839-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.4
Sample Wt/Vol:	8.52	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
FB031205.D	1000	11/15/24 10:43	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	328000		5180	30200	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	44.6	*	50 - 150	223%	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\FB111524\
Data File : FB031205.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 10:43
Operator : YP/AJ
Sample : P4839-02 1000X
Misc : 8.52G/5.00 ML MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-10

Integration File: Calibration.e
Quant Time: Nov 18 02:29:34 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	8.805	1230391	44.575 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

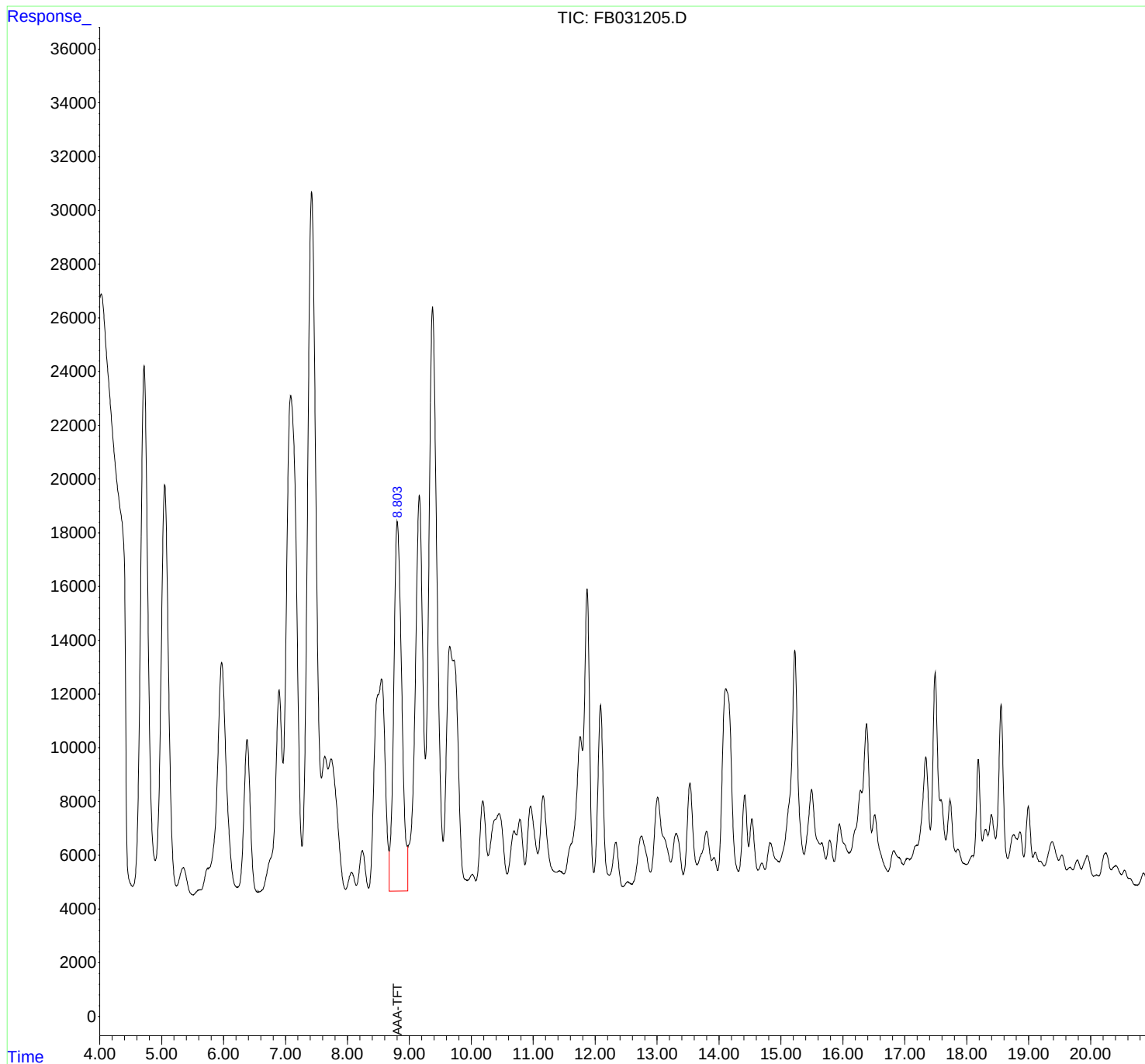
(m)=manual int.

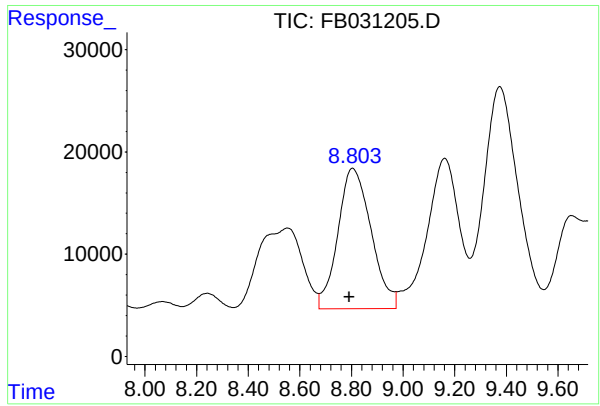
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031205.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 10:43
Operator : YP/AJ
Sample : P4839-02 1000X
Misc : 8.52G/5.00 ML MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-10

Integration File: Calibration.e
Quant Time: Nov 18 02:29:34 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.: 8.805 min

Delta R.T.: 0.014 min

Response: 1230391

Conc: 44.57 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-9-TPH-10

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031205.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 10:43
 Sample : P4839-02 1000X
 Misc : 8.52G/5.00 ML ME0H
 ALS Vial : 2 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	4.487	4.897	BV	19320	1582741	63.33%	6.777%
2	5.970	5.511	6.214	PV	8642	976805	39.09%	4.182%
3	6.380	6.214	6.561	VV	5747	418839	16.76%	1.793%
4	7.085	6.960	7.267	VV	18506	2105158	84.24%	9.014%
5	7.422	7.267	7.582	VV	26090	2499136	100.00%	10.701%
6	7.637	7.582	7.689	VV	5080	305833	12.24%	1.309%
7	7.738	7.689	7.971	VV	4965	478166	19.13%	2.047%
8	8.067	7.971	8.144	VV	749	48523	1.94%	0.208%
9	8.241	8.144	8.342	VV	1558	101298	4.05%	0.434%
10	8.551	8.342	8.674	VV	7926	937593	37.52%	4.015%
11	8.805	8.674	8.972	VV	13765	1234152	49.38%	5.284%
12	9.161	8.972	9.259	VV	14733	1277614	51.12%	5.470%
13	9.375	9.259	9.545	VV	21735	1983960	79.39%	8.495%
14	9.655	9.545	9.941	VV	9085	1145243	45.83%	4.904%
15	10.016	9.941	10.074	VV	595	38525	1.54%	0.165%
16	10.187	10.074	10.275	VV	3321	231903	9.28%	0.993%
17	10.448	10.275	10.580	VV	2838	377755	15.12%	1.617%
18	10.692	10.580	10.731	VV	2184	143205	5.73%	0.613%
19	10.786	10.731	10.867	VV	2617	163358	6.54%	0.699%
20	10.958	10.867	11.075	VV	3106	263802	10.56%	1.130%
21	11.162	11.075	11.374	VV	3478	310588	12.43%	1.330%
22	11.424	11.374	11.494	VV	677	45527	1.82%	0.195%
23	11.761	11.494	11.794	VV	5653	474198	18.97%	2.030%
24	11.871	11.794	11.979	VV	11155	677675	27.12%	2.902%
25	12.087	11.979	12.227	VV	6813	428385	17.14%	1.834%
26	12.333	12.227	12.451	VV	1694	113812	4.55%	0.487%
27	12.526	12.451	12.589	VV	230	12767	0.51%	0.055%
28	12.747	12.589	12.897	VV	1914	196669	7.87%	0.842%
29	13.010	12.897	13.221	VV	3352	371420	14.86%	1.590%
30	13.309	13.221	13.423	VV	1993	167818	6.72%	0.719%
31	13.531	13.423	13.646	VV	3859	266773	10.67%	1.142%
32	13.799	13.646	13.888	VV	2055	199296	7.97%	0.853%
33	13.919	13.888	13.978	VV	1078	49714	1.99%	0.213%
34	14.113	13.978	14.313	VV	7349	764111	30.57%	3.272%
35	14.416	14.313	14.480	VV	3382	200721	8.03%	0.859%
36	14.532	14.480	14.631	VV	2493	142978	5.72%	0.612%

					rteres				
37	14.691	14.631	14.742	VV	833	47673	1.91%	0.204%	
38	14.829	14.742	14.973	VV	1581	154178	6.17%	0.660%	
39	15.224	14.973	15.373	VV	8730	792595	31.71%	3.394%	
40	15.495	15.373	15.726	VV	3544	417032	16.69%	1.786%	
41	15.789	15.726	15.860	VV	1644	102172	4.09%	0.437%	
42	15.945	15.860	16.100	VV	2241	222614	8.91%	0.953%	
43	16.382	16.100	16.465	VV	5959	669142	26.77%	2.865%	
44	16.514	16.465	16.705	VBA	2561	213559	8.55%	0.914%	
					Sum of corrected areas:	23355026			

FB102824.M Mon Nov 18 03:13:34 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-11	SDG No.:	P4839
Lab Sample ID:	P4839-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.4
Sample Wt/Vol:	7.49	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
FB031239.D	250	11/18/24 13:18	FB111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	38500		1490	8690	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	23.3		50 - 150	117%	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\FB111824\
Data File : FB031239.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 13:18
Operator : YP/AJ
Sample : P4839-03 250X
Misc : 7.49G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-11

Integration File: Calibration.e
Quant Time: Nov 18 23:56:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.799	644208	23.338 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

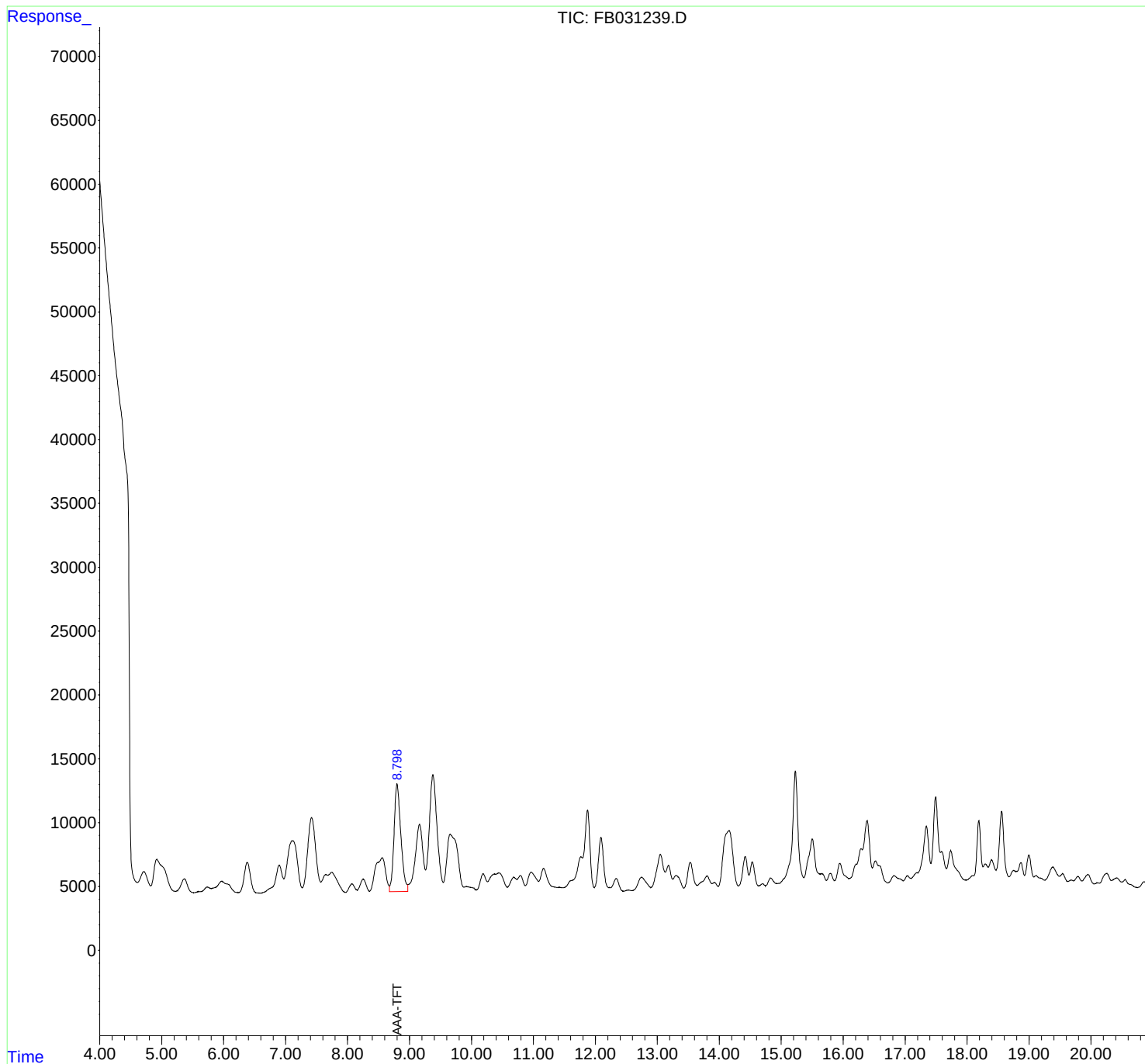
(m)=manual int.

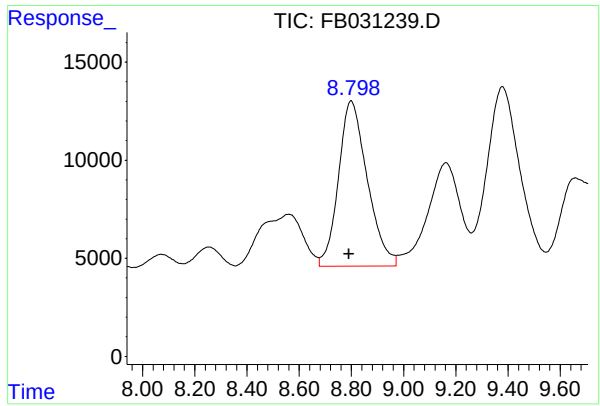
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031239.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 13:18
Operator : YP/AJ
Sample : P4839-03 250X
Misc : 7.49G/5.00 ML MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-11

Integration File: Calibration.e
Quant Time: Nov 18 23:56:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.799 min
Delta R.T.: 0.009 min
Response: 644208
Conc: 23.34 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-11

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031239.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 13:18
Sample : P4839-03 250X
Misc : 7.49G/5.00 ML ME0H
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.571	4.824	BV	946	56622	6.95%	0.586%
2	5.597	5.513	5.614	PV	100	2968	0.36%	0.031%
3	5.740	5.614	5.796	VV	462	31480	3.87%	0.326%
4	5.968	5.796	6.226	VV	909	132251	16.24%	1.369%
5	6.236	6.226	6.242	VV	40	329	0.04%	0.003%
6	6.384	6.242	6.535	VV	2405	167941	20.63%	1.738%
7	6.548	6.535	6.564	VV	30	305	0.04%	0.003%
8	6.575	6.564	6.596	PV	17	157	0.02%	0.002%
9	7.118	6.973	7.270	VV	4085	459124	56.39%	4.751%
10	7.420	7.270	7.570	VV	5909	544893	66.93%	5.639%
11	7.650	7.570	7.684	VV	1423	83928	10.31%	0.869%
12	7.746	7.684	7.965	VV	1604	155343	19.08%	1.608%
13	8.072	7.965	8.157	VV	692	43993	5.40%	0.455%
14	8.254	8.157	8.356	VV	1058	71107	8.73%	0.736%
15	8.560	8.356	8.676	VV	2721	315661	38.77%	3.267%
16	8.799	8.676	8.974	VV	8510	657863	80.80%	6.808%
17	9.163	8.974	9.260	VV	5334	469007	57.61%	4.853%
18	9.379	9.260	9.546	VV	9210	814154	100.00%	8.425%
19	9.660	9.546	9.883	VV	4534	554772	68.14%	5.741%
20	9.920	9.883	10.079	VV	428	41662	5.12%	0.431%
21	10.190	10.079	10.261	VV	1442	95460	11.73%	0.988%
22	10.444	10.261	10.580	VV	1485	218039	26.78%	2.256%
23	10.684	10.580	10.731	VV	1158	77626	9.53%	0.803%
24	10.791	10.731	10.871	VV	1280	81747	10.04%	0.846%
25	10.965	10.871	11.088	VV	1538	144449	17.74%	1.495%
26	11.165	11.088	11.388	VV	1831	162675	19.98%	1.683%
27	11.408	11.388	11.477	VV	333	17192	2.11%	0.178%
28	11.874	11.477	11.983	VV	6370	616847	75.77%	6.383%
29	12.092	11.983	12.234	VV	4219	259469	31.87%	2.685%
30	12.337	12.234	12.457	VV	1003	65022	7.99%	0.673%
31	12.534	12.457	12.586	PV	85	3766	0.46%	0.039%
32	12.747	12.586	12.897	VV	1063	99697	12.25%	1.032%
33	13.050	12.897	13.129	VV	2803	217616	26.73%	2.252%
34	13.180	13.129	13.251	VV	1917	107412	13.19%	1.112%
35	13.307	13.251	13.431	VV	1111	81774	10.04%	0.846%
36	13.533	13.431	13.645	VV	2102	129914	15.96%	1.344%

						rteres		
37	13.803	13.645	13.885	VV	1001	88802	10.91%	0.919%
38	13.922	13.885	13.981	VV	469	21115	2.59%	0.219%
39	14.157	13.981	14.311	VV	4502	472748	58.07%	4.892%
40	14.420	14.311	14.481	VV	2428	131705	16.18%	1.363%
41	14.534	14.481	14.638	VV	1984	99953	12.28%	1.034%
42	14.699	14.638	14.747	VV	252	10882	1.34%	0.113%
43	14.831	14.747	14.936	VV	675	44077	5.41%	0.456%
44	15.229	14.936	15.364	VV	8988	625834	76.87%	6.476%
45	15.502	15.364	15.730	VV	3642	346327	42.54%	3.584%
46	15.793	15.730	15.862	VV	905	48629	5.97%	0.503%
47	15.948	15.862	16.098	VV	1663	125269	15.39%	1.296%
48	16.386	16.098	16.471	VV	4952	515840	63.36%	5.338%
49	16.521	16.471	16.727	VV	1755	149915	18.41%	1.551%
					Sum of corrected areas:		9663361	

FB102824.M Tue Nov 19 00:15:31 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-12	SDG No.:	P4839
Lab Sample ID:	P4839-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.3
Sample Wt/Vol:	7.09	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
FB031223.D	100	11/15/24 20:29	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	18400		624	3640	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	28.7		50 - 150	144%	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\FB111524\
Data File : FB031223.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 20:29
Operator : YP/AJ
Sample : P4839-04 100X
Misc : 7.09G/5.00 ML MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-12

Integration File: Calibration.e
Quant Time: Nov 18 02:31:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.801	793442	28.745 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

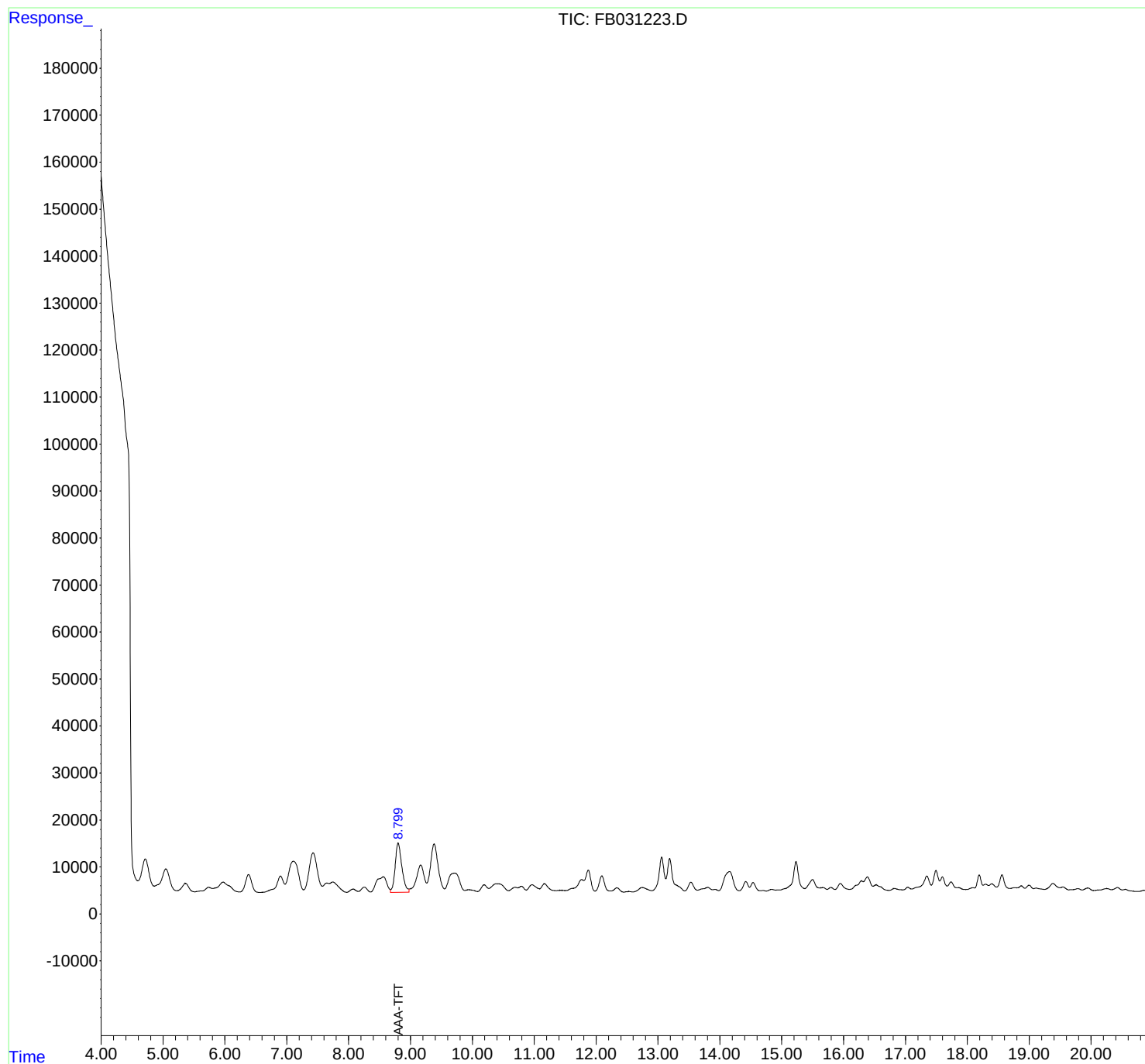
(m)=manual int.

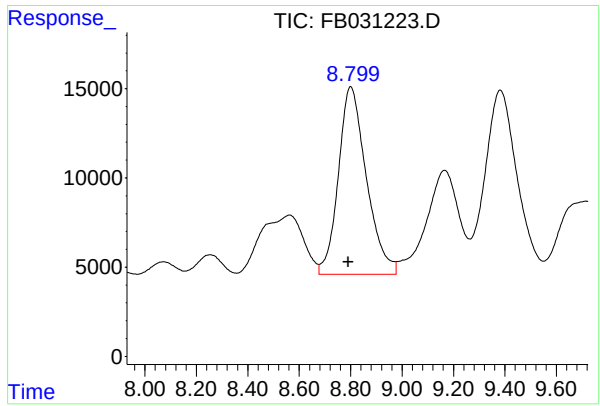
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031223.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 20:29
Operator : YP/AJ
Sample : P4839-04 100X
Misc : 7.09G/5.00 ML MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-12

Integration File: Calibration.e
Quant Time: Nov 18 02:31:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.801 min
Delta R.T.: 0.010 min
Response: 793442
Conc: 28.74 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-12

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031223.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 20:29
 Sample : P4839-04 100X
 Misc : 7.09G/5.00 ML ME0H
 ALS Vial : 23 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	4.860	BV	4950	320280	35.97%	2.879%
2	5.736	5.517	5.807	PV	1000	80388	9.03%	0.723%
3	5.973	5.807	6.241	VV	2129	281353	31.60%	2.529%
4	6.383	6.241	6.561	VV	3780	262940	29.53%	2.364%
5	6.900	6.561	6.975	PV	3475	284462	31.95%	2.557%
6	7.109	6.975	7.274	VV	6645	732099	82.23%	6.581%
7	7.427	7.274	7.577	VV	8423	787852	88.49%	7.082%
8	7.651	7.577	7.685	VV	1981	113574	12.76%	1.021%
9	7.746	7.685	7.969	VV	2201	209514	23.53%	1.883%
10	8.072	7.969	8.156	VV	699	43906	4.93%	0.395%
11	8.254	8.156	8.355	VV	1100	71645	8.05%	0.644%
12	8.561	8.355	8.677	VV	3314	379627	42.64%	3.413%
13	8.801	8.677	8.977	VV	10518	793907	89.17%	7.137%
14	9.166	8.977	9.267	VV	5824	518607	58.25%	4.662%
15	9.382	9.267	9.551	VV	10310	890355	100.00%	8.004%
16	9.716	9.551	9.880	VV	4081	501437	56.32%	4.508%
17	9.938	9.880	10.084	VV	550	50382	5.66%	0.453%
18	10.192	10.084	10.268	VV	1570	105875	11.89%	0.952%
19	10.393	10.268	10.585	VV	1804	246619	27.70%	2.217%
20	10.691	10.585	10.732	VV	1048	68396	7.68%	0.615%
21	10.793	10.732	10.871	VV	1279	80167	9.00%	0.721%
22	10.966	10.871	11.082	VV	1577	138359	15.54%	1.244%
23	11.166	11.082	11.358	VV	1823	154822	17.39%	1.392%
24	11.424	11.358	11.499	VV	410	31276	3.51%	0.281%
25	11.768	11.499	11.800	VV	2693	225620	25.34%	2.028%
26	11.874	11.800	11.984	VV	4680	288556	32.41%	2.594%
27	12.093	11.984	12.228	VV	3469	214437	24.08%	1.928%
28	12.337	12.228	12.450	VV	907	60543	6.80%	0.544%
29	12.531	12.450	12.588	PV	123	6028	0.68%	0.054%
30	12.747	12.588	12.899	VV	969	95976	10.78%	0.863%
31	13.060	12.899	13.127	VV	7392	430296	48.33%	3.868%
32	13.189	13.127	13.432	VV	7100	468564	52.63%	4.212%
33	13.533	13.432	13.642	VV	2026	126527	14.21%	1.137%
34	13.805	13.642	13.885	VV	910	88102	9.90%	0.792%
35	13.920	13.885	13.981	VV	449	21281	2.39%	0.191%
36	14.155	13.981	14.314	VV	4249	424858	47.72%	3.819%

					rteres				
37	14.421	14.314	14.482	VV	2101	115618	12.99%	1.039%	
38	14.538	14.482	14.648	VV	1893	99935	11.22%	0.898%	
39	14.697	14.648	14.752	VV	190	7733	0.87%	0.070%	
40	14.837	14.752	14.905	VV	368	22539	2.53%	0.203%	
41	15.232	14.905	15.377	VV	6264	447702	50.28%	4.024%	
42	15.498	15.377	15.619	VV	2447	196333	22.05%	1.765%	
43	15.667	15.619	15.735	VV	717	40464	4.54%	0.364%	
44	15.795	15.735	15.867	VV	732	39570	4.44%	0.356%	
45	15.950	15.867	16.095	VV	1564	108271	12.16%	0.973%	
46	16.290	16.095	16.318	VV	2064	151959	17.07%	1.366%	
47	16.385	16.318	16.477	VV	2911	198813	22.33%	1.787%	
48	16.524	16.477	16.732	VV	1208	96884	10.88%	0.871%	
					Sum of corrected areas:		11124453		

FB102824.M Mon Nov 18 03:17:42 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-13	SDG No.:	P4839
Lab Sample ID:	P4839-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.4
Sample Wt/Vol:	7.97	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
FB031224.D	500	11/15/24 20:56	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	139000		2800	16300	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	33.1	*	50 - 150	166%	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\FB111524\
Data File : FB031224.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 20:56
Operator : YP/AJ
Sample : P4839-05 500X
Misc : 7.97G/5.00 ML MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-13

Integration File: Calibration.e
Quant Time: Nov 18 02:31:26 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	8.805	914718	33.139 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

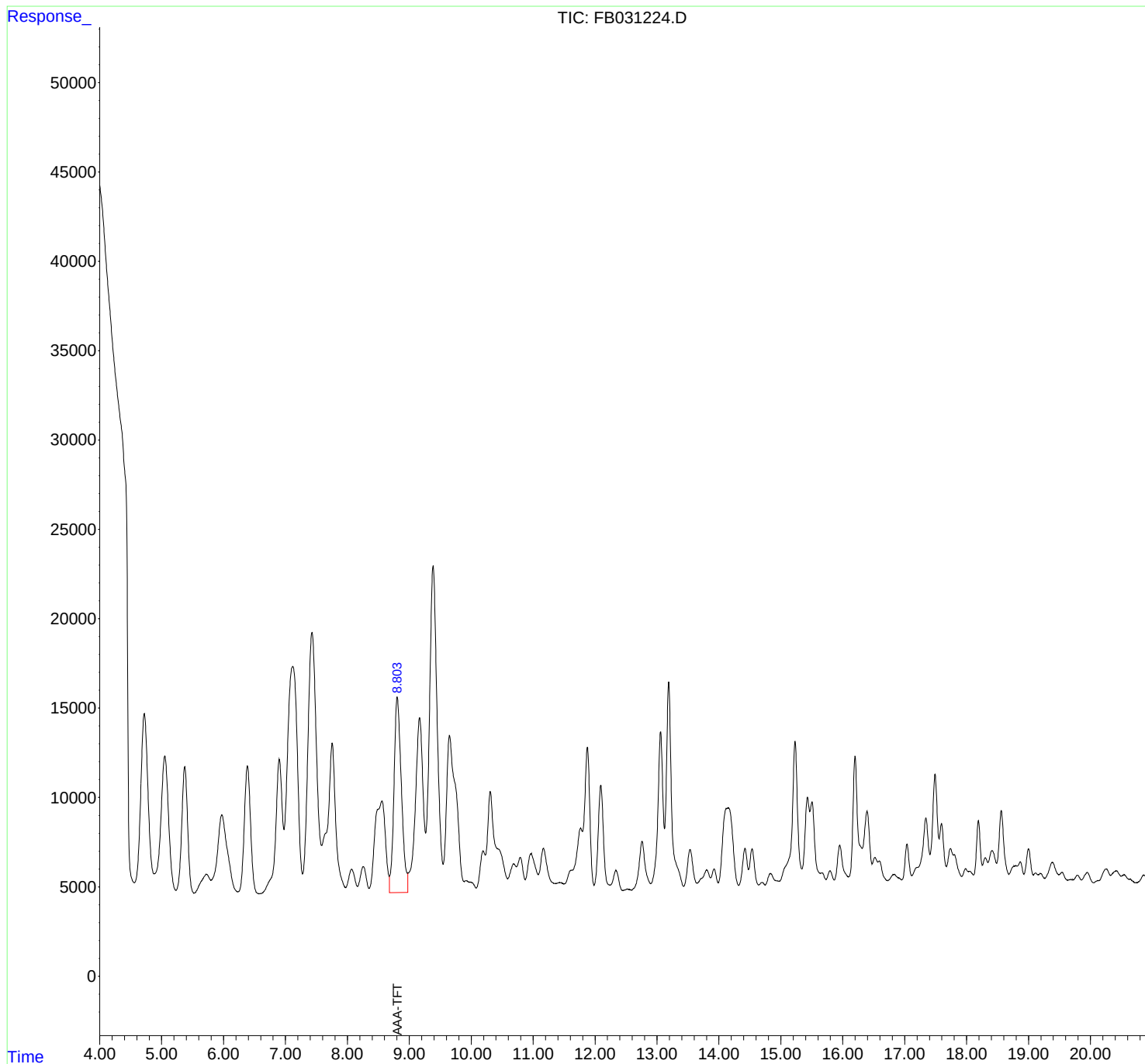
(m)=manual int.

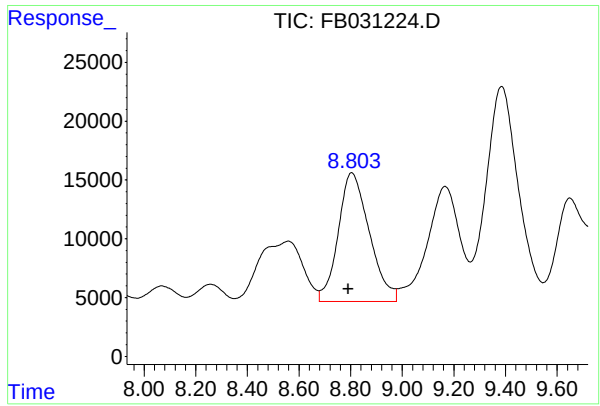
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031224.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 20:56
Operator : YP/AJ
Sample : P4839-05 500X
Misc : 7.97G/5.00 ML MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-13

Integration File: Calibration.e
Quant Time: Nov 18 02:31:26 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.: 8.805 min

Delta R.T.: 0.014 min

Response: 914718

Conc: 33.14 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-9-TPH-13

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031224.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 20:56
 Sample : P4839-05 500X
 Misc : 7.97G/5.00 ML ME0H
 ALS Vial : 24 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	4.520	4.885	BV	9434	742143	46.91%	4.074%
2	5.723	5.522	5.798	PV	1076	105173	6.65%	0.577%
3	5.973	5.798	6.232	VV	4409	507590	32.08%	2.787%
4	6.386	6.232	6.574	VV	7163	504900	31.91%	2.772%
5	6.901	6.574	6.977	PV	7526	568008	35.90%	3.118%
6	7.118	6.977	7.277	VV	12707	1422130	89.89%	7.808%
7	7.429	7.277	7.586	VV	14606	1420651	89.80%	7.800%
8	7.754	7.586	7.976	VV	8400	806284	50.96%	4.427%
9	8.069	7.976	8.163	VV	1344	95503	6.04%	0.524%
10	8.257	8.163	8.351	VV	1474	100438	6.35%	0.551%
11	8.558	8.351	8.678	VV	5138	605550	38.28%	3.325%
12	8.805	8.678	8.978	VV	10943	915361	57.86%	5.025%
13	9.166	8.978	9.264	VV	9781	851690	53.83%	4.676%
14	9.385	9.264	9.547	VV	18264	1582040	100.00%	8.686%
15	9.650	9.547	9.887	VV	8762	957274	60.51%	5.256%
16	9.919	9.887	10.080	VV	624	58894	3.72%	0.323%
17	10.193	10.080	10.225	VV	2292	121965	7.71%	0.670%
18	10.308	10.225	10.589	VV	5610	591261	37.37%	3.246%
19	10.687	10.589	10.730	VV	1561	105030	6.64%	0.577%
20	10.792	10.730	10.872	VV	1912	123151	7.78%	0.676%
21	10.965	10.872	11.082	VV	2104	186448	11.79%	1.024%
22	11.167	11.082	11.360	VV	2401	206237	13.04%	1.132%
23	11.423	11.360	11.505	VV	477	39103	2.47%	0.215%
24	11.768	11.505	11.793	VV	3522	290176	18.34%	1.593%
25	11.876	11.793	11.985	VV	8044	490999	31.04%	2.696%
26	12.093	11.985	12.241	VV	5905	356168	22.51%	1.955%
27	12.338	12.241	12.450	VV	1128	71092	4.49%	0.390%
28	12.525	12.450	12.591	PV	74	3430	0.22%	0.019%
29	12.759	12.591	12.899	VV	2714	191418	12.10%	1.051%
30	13.059	12.899	13.122	VV	8807	508109	32.12%	2.790%
31	13.189	13.122	13.430	VV	11594	691863	43.73%	3.798%
32	13.535	13.430	13.649	VV	2162	135087	8.54%	0.742%
33	13.804	13.649	13.866	VV	979	80991	5.12%	0.445%
34	13.923	13.866	13.994	VV	1025	51676	3.27%	0.284%
35	14.148	13.994	14.320	VV	4408	486751	30.77%	2.672%
36	14.422	14.320	14.479	VV	2115	108762	6.87%	0.597%

					rteres			
37	14.536	14.479	14.645	VV	2064	104373	6.60%	0.573%
38	14.699	14.645	14.746	VV	157	5960	0.38%	0.033%
39	14.834	14.746	14.969	VV	636	45743	2.89%	0.251%
40	15.230	14.969	15.340	VV	7989	539316	34.09%	2.961%
41	15.432	15.340	15.470	VV	4837	244443	15.45%	1.342%
42	15.502	15.470	15.730	VV	4563	262632	16.60%	1.442%
43	15.795	15.730	15.862	VV	680	33373	2.11%	0.183%
44	15.952	15.862	16.093	VV	2088	129001	8.15%	0.708%
45	16.199	16.093	16.315	VV	7038	401314	25.37%	2.203%
46	16.392	16.315	16.476	VV	3938	250659	15.84%	1.376%
47	16.520	16.476	16.725	VV	1323	114338	7.23%	0.628%
					Sum of corrected areas:	18214495		

FB102824.M Mon Nov 18 03:17:57 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-14	SDG No.:	P4839
Lab Sample ID:	P4839-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.9
Sample Wt/Vol:	7.23	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
FB031240.D	500	11/18/24 13:45	FB111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	168000		3040	17700	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	29.5		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\FB111824\
Data File : FB031240.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 13:45
Operator : YP/AJ
Sample : P4839-06 500X
Misc : 7.23G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-14

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File: Calibration.e
Quant Time: Nov 18 23:56:50 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	813727	29.480 ng/mlm
Target Compounds			

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031240.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 13:45
Operator : YP/AJ
Sample : P4839-06 500X
Misc : 7.23G/5.00 ML MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :

FID_B

ClientSampleId :

EX-9-TPH-14

Manual Integrations

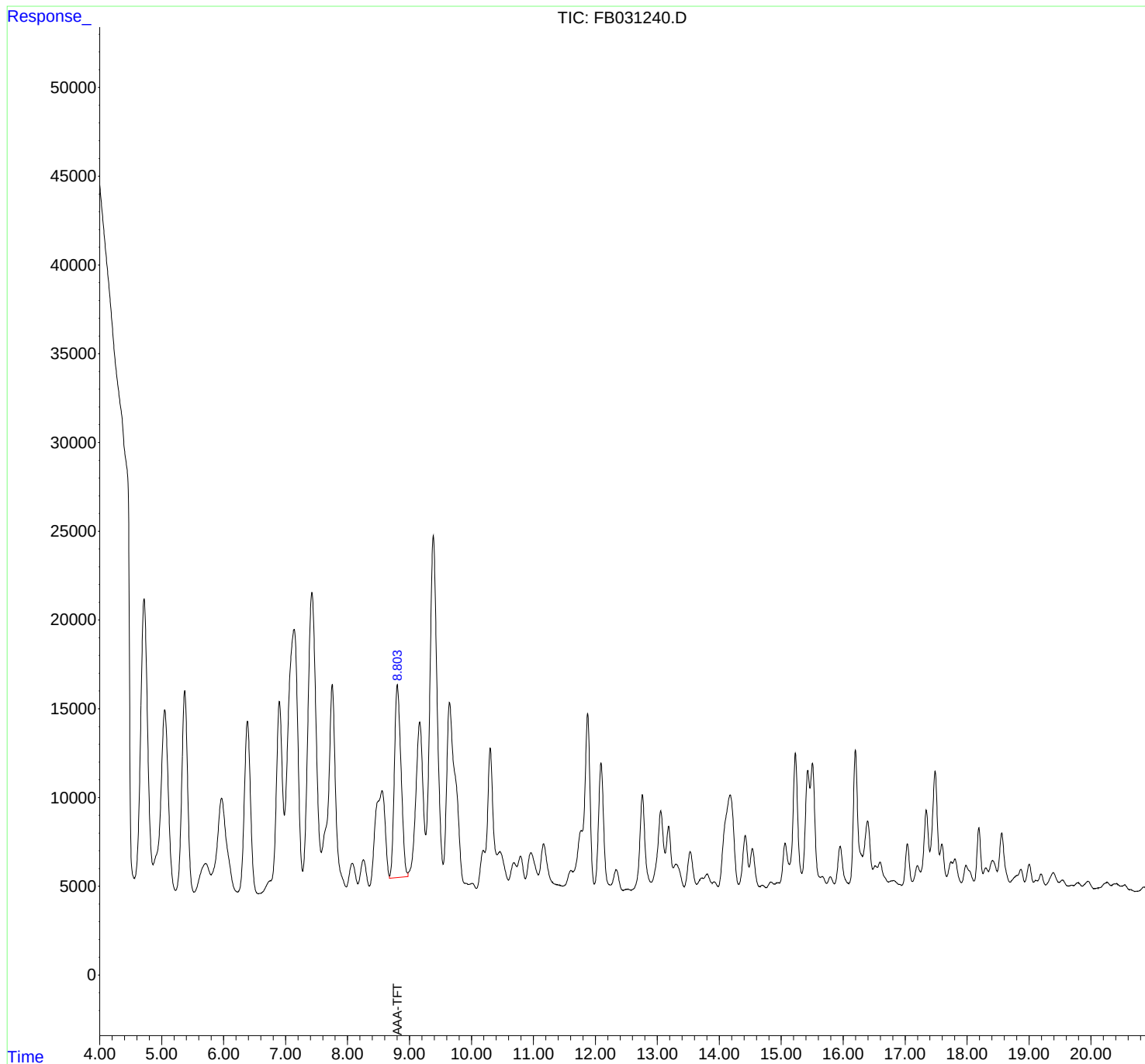
APPROVED

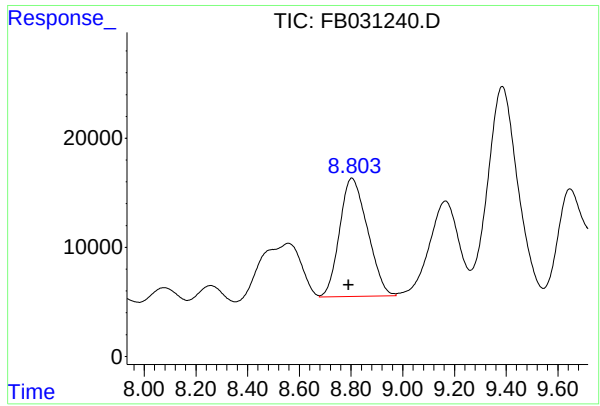
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: Calibration.e
Quant Time: Nov 18 23:56:50 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: 813727
Conc: 29.48 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-14

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

rtres

Instrument :

FID_B

ClientSampleId :

EX-9-TPH-14

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB11182
Data File : FB031240.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 13:45
Sample : P4839-06 500X
Misc : 7.23G/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	4.717	4.520	4.861	BV	15527	1144504	67.49%	5.688%
2	5.711	5.525	5.801	PV	1637	168352	9.93%	0.837%
3	5.968	5.801	6.226	VV	5332	585217	34.51%	2.908%
4	6.385	6.226	6.561	VV	9708	671420	39.59%	3.337%
5	6.901	6.561	6.982	PV	10826	781346	46.08%	3.883%
6	7.139	6.982	7.277	VV	14888	1635693	96.46%	8.129%
7	7.425	7.277	7.578	VV	16955	1571274	92.66%	7.808%
8	7.754	7.578	7.979	VV	11757	1035675	61.07%	5.147%
9	8.077	7.979	8.168	VV	1672	120363	7.10%	0.598%
10	8.257	8.168	8.353	VV	1873	127454	7.52%	0.633%
11	8.557	8.353	8.678	VV	5735	673305	39.71%	3.346%
12	8.804	8.678	8.973	VV	11712	963712	56.83%	4.789%
13	9.165	8.973	9.262	VV	9610	844908	49.82%	4.199%
14	9.385	9.262	9.544	VV	20091	1695769	100.00%	8.427%
15	9.648	9.544	9.957	VV	10683	1116732	65.85%	5.550%
16	10.013	9.957	10.080	VV	487	28986	1.71%	0.144%
17	10.304	10.080	10.414	VV	8098	643112	37.92%	3.196%
18	10.459	10.414	10.597	VV	2242	179988	10.61%	0.894%
19	10.686	10.597	10.732	VV	1628	102964	6.07%	0.512%
20	10.792	10.732	10.870	VV	1988	124391	7.34%	0.618%
21	10.962	10.870	11.080	VV	2179	190742	11.25%	0.948%
22	11.166	11.080	11.475	VV	2669	245010	14.45%	1.218%
23	11.608	11.475	11.639	VV	1162	71256	4.20%	0.354%
24	11.876	11.639	11.985	VV	9972	798506	47.09%	3.968%
25	12.093	11.985	12.241	VV	7201	424506	25.03%	2.110%
26	12.337	12.241	12.457	VV	1174	72460	4.27%	0.360%
27	12.524	12.457	12.574	PV	69	3221	0.19%	0.016%
28	12.759	12.574	12.900	VV	5375	324171	19.12%	1.611%
29	13.056	12.900	13.126	VV	4439	305802	18.03%	1.520%
30	13.183	13.126	13.259	VV	3566	196054	11.56%	0.974%
31	13.304	13.259	13.433	VV	1424	102699	6.06%	0.510%
32	13.532	13.433	13.637	VV	2126	127805	7.54%	0.635%
33	13.803	13.637	13.886	VV	827	84137	4.96%	0.418%
34	13.918	13.886	13.981	VV	392	16968	1.00%	0.084%
35	14.176	13.981	14.314	VV	5266	547007	32.26%	2.718%
36	14.420	14.314	14.483	VV	2964	163194	9.62%	0.811%

rteres							
37	14.535	14.483	14.652	VV	2221	115657	6.82% 0.575%
38	14.696	14.652	14.762	VV	144	5407	
39	14.834	14.762	14.895	PV	304	15650	
40	15.064	14.895	15.135	VV	2463	149359	
41	15.229	15.135	15.333	VV	7503	414739	24.57% 1.734%
42	15.430	15.333	15.464	VV	6496	310560	18.57% 1.109%
43	15.504	15.464	15.635	VV	6882	348841	20.57% 1.734%
44	15.663	15.635	15.733	VV	490	20384	1.20% 0.101%
45	15.793	15.733	15.858	VV	447	19009	1.12% 0.094%
46	15.952	15.858	16.086	VV	2139	112319	6.62% 0.558%
47	16.198	16.086	16.315	VV	7521	400194	23.60% 1.989%
48	16.394	16.315	16.482	VV	3494	223076	13.15% 1.109%
49	16.519	16.482	16.549	VV	945	35687	2.10% 0.177%
50	16.595	16.549	16.734	VV	1145	63051	3.72% 0.313%

Sum of corrected areas: 20122636

FB102824.M Tue Nov 19 00:15:50 2024

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-14

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-15	SDG No.:	P4839
Lab Sample ID:	P4839-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.7
Sample Wt/Vol:	7.53	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
FB031217.D	250	11/15/24 16:28	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	45900		1550	9030	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	26.2		50 - 150	131%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031217.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 16:28
Operator : YP/AJ
Sample : P4839-07 250X
Misc : 7.53G/5.00 ML MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-15

Integration File: Calibration.e
Quant Time: Nov 18 02:30:44 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	8.801	723246	26.202 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

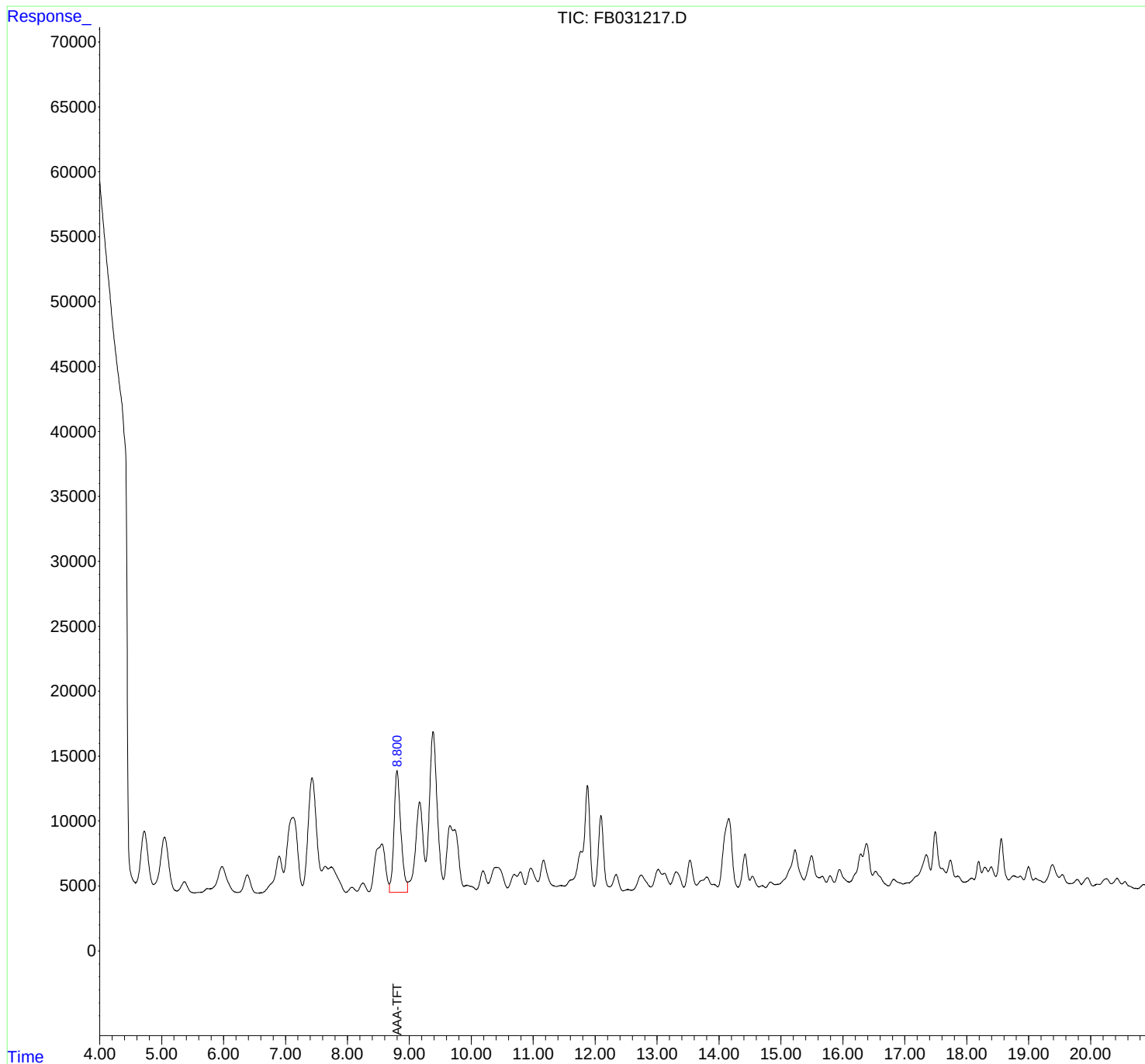
(m)=manual int.

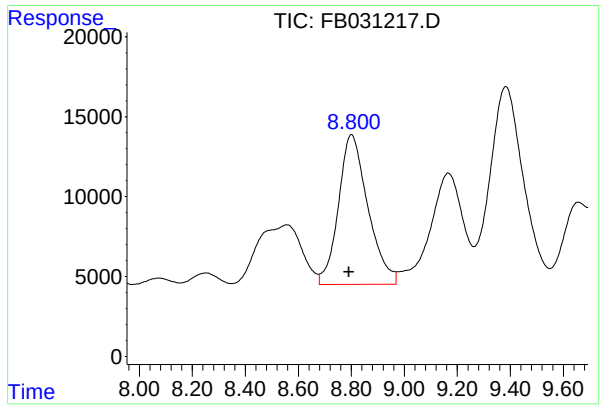
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031217.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 16:28
Operator : YP/AJ
Sample : P4839-07 250X
Misc : 7.53G/5.00 ML MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-15

Integration File: Calibration.e
Quant Time: Nov 18 02:30:44 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.: 8.801 min
Delta R.T.: 0.010 min
Response: 723246
Conc: 26.20 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-15

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031217.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 16:28
Sample : P4839-07 250X
Misc : 7.53G/5.00 ML ME0H
ALS Vial : 14 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	4.554	4.870	BV	4048	303181	28.00%	2.739%
2	5.603	5.536	5.617	PV	46	1433	0.13%	0.013%
3	5.740	5.617	5.771	VV	339	17505	1.62%	0.158%
4	5.978	5.771	6.229	VV	2038	227218	20.98%	2.053%
5	6.386	6.229	6.561	VV	1408	100469	9.28%	0.908%
6	6.606	6.561	6.620	PV	48	717	0.07%	0.006%
7	6.900	6.620	6.970	VV	2842	246630	22.78%	2.228%
8	7.121	6.970	7.275	VV	5811	674376	62.28%	6.092%
9	7.430	7.275	7.586	VV	8856	855408	79.00%	7.728%
10	7.643	7.586	7.692	VV	2033	120787	11.15%	1.091%
11	7.740	7.692	7.978	VV	1977	197912	18.28%	1.788%
12	8.074	7.978	8.154	VV	410	24465	2.26%	0.221%
13	8.251	8.154	8.348	VV	732	46729	4.32%	0.422%
14	8.556	8.348	8.677	VV	3728	430326	39.74%	3.887%
15	8.801	8.677	8.975	VV	9374	726009	67.05%	6.559%
16	9.166	8.975	9.263	VV	6944	599052	55.32%	5.412%
17	9.383	9.263	9.549	VV	12366	1082860	100.00%	9.782%
18	9.659	9.549	9.884	VV	5103	636876	58.81%	5.753%
19	9.934	9.884	10.086	VV	493	48049	4.44%	0.434%
20	10.191	10.086	10.281	VV	1601	111001	10.25%	1.003%
21	10.408	10.281	10.587	VV	1869	239722	22.14%	2.166%
22	10.695	10.587	10.737	VV	1325	83687	7.73%	0.756%
23	10.794	10.737	10.876	VV	1506	95022	8.78%	0.858%
24	10.962	10.876	11.076	VV	1802	147830	13.65%	1.335%
25	11.167	11.076	11.377	VV	2407	208173	19.22%	1.881%
26	11.447	11.377	11.511	VV	458	33435	3.09%	0.302%
27	11.876	11.511	11.986	VV	8136	729560	67.37%	6.591%
28	12.094	11.986	12.240	VV	5810	350380	32.36%	3.165%
29	12.338	12.240	12.451	VV	1276	79892	7.38%	0.722%
30	12.531	12.451	12.588	PV	100	4860	0.45%	0.044%
31	12.745	12.588	12.902	VV	1190	113760	10.51%	1.028%
32	13.020	12.902	13.084	VV	1601	116834	10.79%	1.055%
33	13.117	13.084	13.215	VV	1303	76821	7.09%	0.694%
34	13.310	13.215	13.432	VV	1390	115807	10.69%	1.046%
35	13.532	13.432	13.639	VV	2278	141040	13.02%	1.274%
36	13.802	13.639	13.982	VV	956	115956	10.71%	1.048%

					rteres			
37	14.157	13.982	14.309	VV	5423	507527	46.87%	4.585%
38	14.420	14.309	14.498	VV	2670	150383	13.89%	1.359%
39	14.540	14.498	14.646	VV	948	50649	4.68%	0.458%
40	14.697	14.646	14.753	VV	209	9579	0.88%	0.087%
41	14.833	14.753	14.918	VV	459	30305	2.80%	0.274%
42	15.228	14.918	15.371	VV	2918	321987	29.73%	2.909%
43	15.495	15.371	15.630	VV	2436	211289	19.51%	1.909%
44	15.667	15.630	15.733	VV	844	41888	3.87%	0.378%
45	15.795	15.733	15.861	VV	863	47130	4.35%	0.426%
46	15.946	15.861	16.102	VV	1339	108663	10.03%	0.982%
47	16.382	16.102	16.480	VV	3309	393022	36.29%	3.550%
48	16.528	16.480	16.736	VV	1141	93411	8.63%	0.844%
					Sum of corrected areas:	11069616		

FB102824.M Mon Nov 18 03:16:45 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-16	SDG No.:	P4839
Lab Sample ID:	P4839-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.7
Sample Wt/Vol:	6.68	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
FB031218.D	500	11/15/24 16:55	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	74300		3450	20100	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	24.9		50 - 150	125%	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\FB111524\
Data File : FB031218.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 16:55
Operator : YP/AJ
Sample : P4839-08 500X
Misc : 6.68G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-16

Integration File: Calibration.e
Quant Time: Nov 18 02:30:50 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	8.799	688241	24.934 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

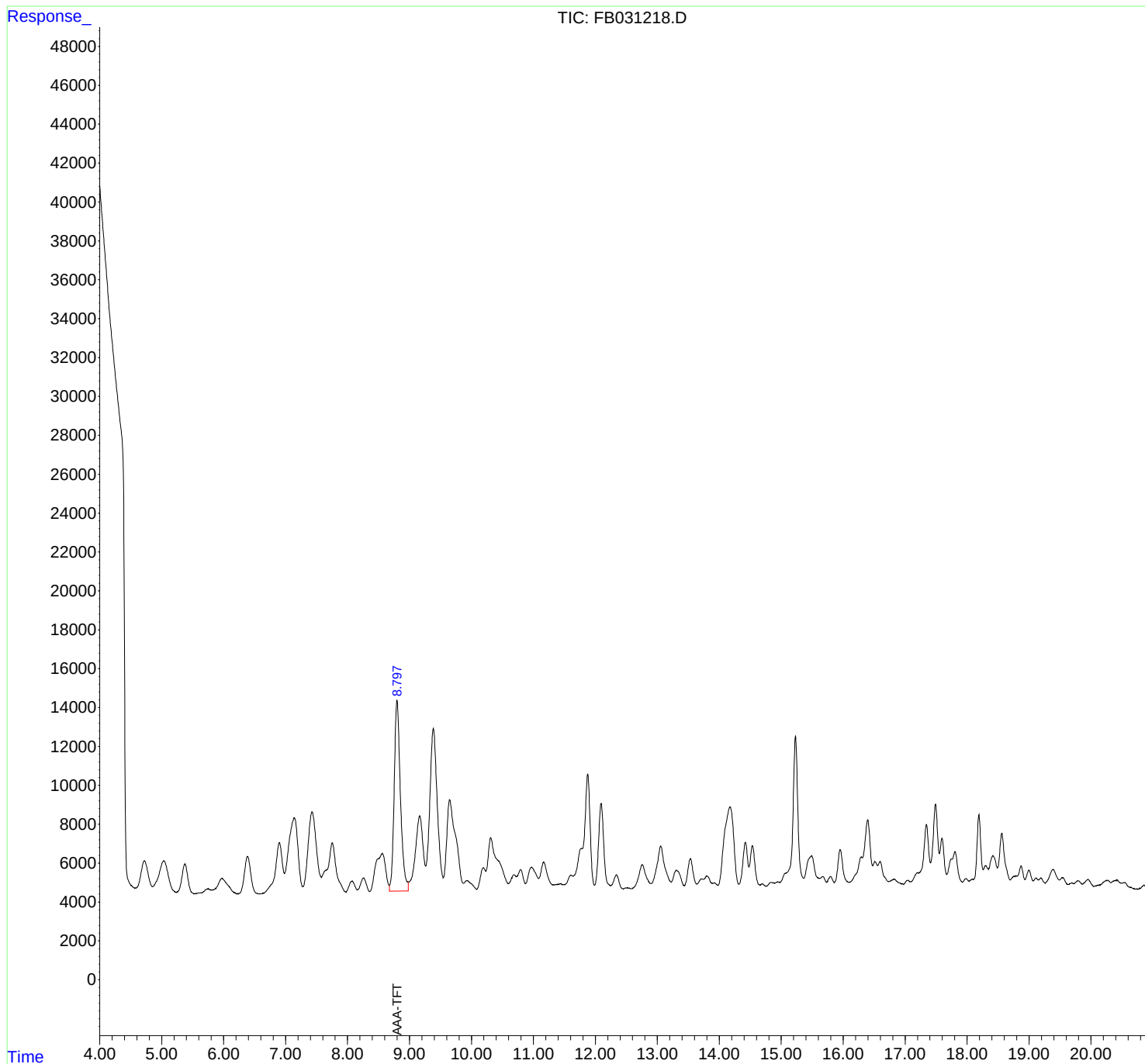
(m)=manual int.

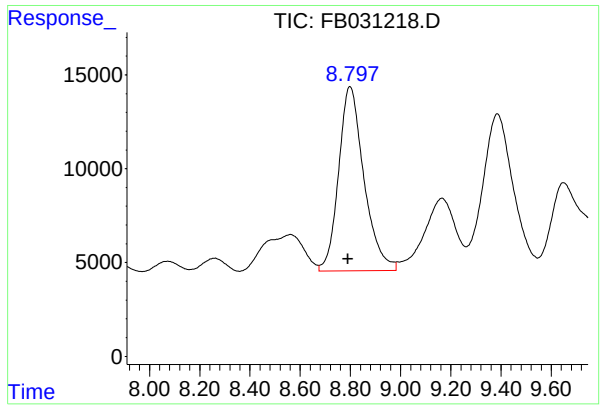
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031218.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 16:55
Operator : YP/AJ
Sample : P4839-08 500X
Misc : 6.68G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-16

Integration File: Calibration.e
Quant Time: Nov 18 02:30:50 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.: 8.799 min
Delta R.T.: 0.008 min
Response: 688241
Conc: 24.93 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-16

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031218.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 16:55
 Sample : P4839-08 500X
 Misc : 6.68G/5.00 ML ME0H
 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	4.723	4.554	4.854	BV	1447	111412	15.55%	1.358%
2	5.239	5.230	5.244	PV	13	70	0.01%	0.001%
3	5.534	5.523	5.548	PV	21	190	0.03%	0.002%
4	5.570	5.548	5.578	VV	32	423	0.06%	0.005%
5	5.638	5.578	5.650	VV	66	2238	0.31%	0.027%
6	5.743	5.650	5.802	VV	267	17365	2.42%	0.212%
7	5.980	5.802	6.208	VV	801	96208	13.43%	1.173%
8	6.218	6.208	6.227	VV	21	139	0.02%	0.002%
9	6.387	6.227	6.567	VV	1934	136651	19.07%	1.666%
10	6.577	6.567	6.586	VV	11	69	0.01%	0.001%
11	6.902	6.586	6.982	PV	2636	214382	29.92%	2.613%
12	7.145	6.982	7.278	VV	3893	413642	57.74%	5.042%
13	7.427	7.278	7.580	VV	4189	402908	56.24%	4.911%
14	7.755	7.580	7.972	VV	2585	268351	37.46%	3.271%
15	8.074	7.972	8.159	VV	601	38829	5.42%	0.473%
16	8.260	8.159	8.359	VV	750	48876	6.82%	0.596%
17	8.562	8.359	8.676	VV	2002	226308	31.59%	2.758%
18	8.799	8.676	8.995	VV	9875	701791	97.96%	8.554%
19	9.165	8.995	9.261	VV	3904	341182	47.62%	4.159%
20	9.386	9.261	9.547	VV	8395	716422	100.00%	8.732%
21	9.649	9.547	9.870	VV	4711	485897	67.82%	5.923%
22	9.930	9.870	10.084	VV	548	47913	6.69%	0.584%
23	10.192	10.084	10.232	VV	1196	66242	9.25%	0.807%
24	10.312	10.232	10.598	VV	2735	324886	45.35%	3.960%
25	10.685	10.598	10.725	VV	803	48384	6.75%	0.590%
26	10.794	10.725	10.873	VV	1069	68648	9.58%	0.837%
27	10.970	10.873	11.086	VV	1184	108688	15.17%	1.325%
28	11.167	11.086	11.342	VV	1429	117439	16.39%	1.431%
29	11.442	11.342	11.511	VV	323	28270	3.95%	0.345%
30	11.605	11.511	11.650	VV	745	47181	6.59%	0.575%
31	11.774	11.650	11.788	VV	2112	118139	16.49%	1.440%
32	11.877	11.788	11.986	VV	5925	361581	50.47%	4.407%
33	12.094	11.986	12.248	VV	4413	261064	36.44%	3.182%
34	12.339	12.248	12.453	VV	725	43475	6.07%	0.530%
35	12.486	12.453	12.500	PV	48	934	0.13%	0.011%
36	12.523	12.500	12.585	VV	64	1673	0.23%	0.020%

					rt	eres		
37	12.756	12.585	12.899	VV	1226	102888	14.36%	1.254%
38	13.055	12.899	13.225	VV	2170	200804	28.03%	2.448%
39	13.308	13.225	13.437	VV	919	73540	10.26%	0.896%
40	13.535	13.437	13.640	VV	1501	89869	12.54%	1.095%
41	13.709	13.640	13.745	VV	453	22112	3.09%	0.270%
42	13.802	13.745	13.897	VV	590	38143	5.32%	0.465%
43	13.921	13.897	13.978	VV	231	8834	1.23%	0.108%
44	14.175	13.978	14.316	VV	4121	435682	60.81%	5.310%
45	14.422	14.316	14.480	VV	2279	122496	17.10%	1.493%
46	14.535	14.480	14.659	VV	2108	111959	15.63%	1.365%
47	14.698	14.659	14.756	VV	126	4627	0.65%	0.056%
48	14.831	14.756	14.895	PV	192	10687	1.49%	0.130%
49	14.945	14.895	14.979	VV	209	9236	1.29%	0.113%
50	15.231	14.979	15.363	VV	7659	459575	64.15%	5.602%
51	15.490	15.363	15.619	VV	1477	134662	18.80%	1.641%
52	15.672	15.619	15.731	VV	394	19746	2.76%	0.241%
53	15.796	15.731	15.858	VV	376	17591	2.46%	0.214%
54	15.952	15.858	16.098	VV	1749	94840	13.24%	1.156%
55	16.291	16.098	16.309	VV	1330	71807	10.02%	0.875%
56	16.397	16.309	16.476	VV	3225	206646	28.84%	2.519%
57	16.512	16.476	16.559	VV	1061	47624	6.65%	0.580%
58	16.597	16.559	16.737	VV	1065	52985	7.40%	0.646%
					Sum of corrected areas:		8204221	

FB102824.M Mon Nov 18 03:16:56 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-17	SDG No.:	P4839
Lab Sample ID:	P4839-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.7
Sample Wt/Vol:	7.42	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
FB031219.D	500	11/15/24 17:22	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	171000		2900	16900	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	41.9	*	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\FB111524\
Data File : FB031219.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 17:22
Operator : YP/AJ
Sample : P4839-09 500X
Misc : 7.42G/5.00 ML MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-17

Integration File: Calibration.e
Quant Time: Nov 18 02:30:56 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	8.809	1156441	41.896 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

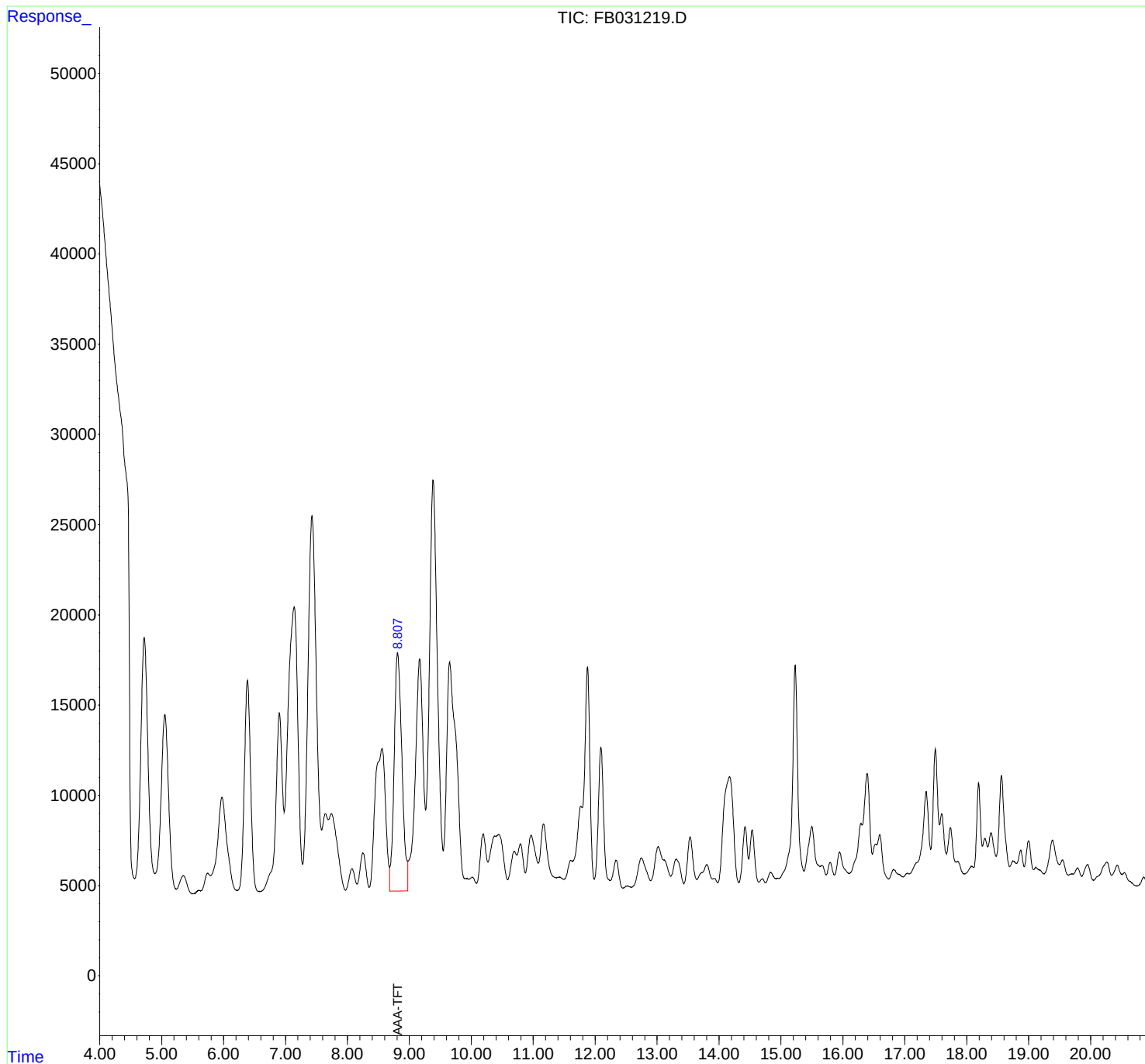
(m)=manual int.

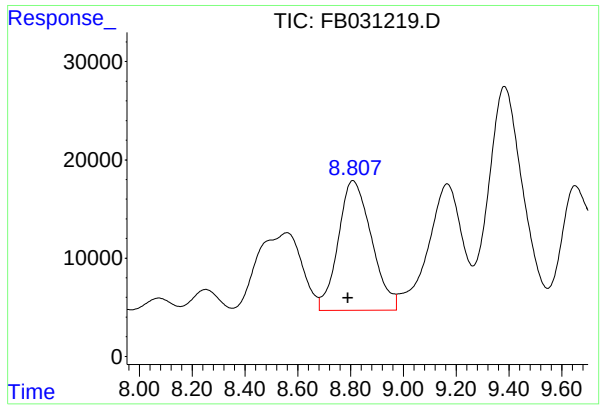
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031219.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 17:22
Operator : YP/AJ
Sample : P4839-09 500X
Misc : 7.42G/5.00 ML MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-17

Integration File: Calibration.e
Quant Time: Nov 18 02:30:56 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





#5 AAA-TFT

R.T.: 8.809 min
Delta R.T.: 0.019 min
Response: 1156441
Conc: 41.90 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-17

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031219.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 17:22
 Sample : P4839-09 500X
 Misc : 7.42G/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	4.720	4.537	4.889	BV	13374	1034118	50.51%	4.740%
2	5.612	5.501	5.634	PV	187	7912	0.39%	0.036%
3	5.744	5.634	5.789	VV	1131	68434	3.34%	0.314%
4	5.975	5.789	6.221	VV	5338	597054	29.16%	2.737%
5	6.386	6.221	6.591	VV	11774	833273	40.70%	3.819%
6	6.902	6.591	6.980	VV	9967	759401	37.09%	3.481%
7	7.141	6.980	7.277	VV	15837	1744490	85.20%	7.996%
8	7.429	7.277	7.585	VV	20843	1999011	97.63%	9.163%
9	7.646	7.585	7.694	VV	4340	262233	12.81%	1.202%
10	7.742	7.694	7.969	VV	4343	412260	20.13%	1.890%
11	8.074	7.969	8.155	VV	1282	82720	4.04%	0.379%
12	8.252	8.155	8.353	VV	2149	144300	7.05%	0.661%
13	8.558	8.353	8.682	VV	7924	927003	45.27%	4.249%
14	8.810	8.682	8.975	VV	13195	1158146	56.56%	5.309%
15	9.167	8.975	9.264	VV	12854	1148062	56.07%	5.262%
16	9.384	9.264	9.547	VV	22746	2047549	100.00%	9.385%
17	9.652	9.547	9.969	VV	12647	1415051	69.11%	6.486%
18	10.016	9.969	10.082	VV	723	41394	2.02%	0.190%
19	10.192	10.082	10.270	VV	3110	213807	10.44%	0.980%
20	10.442	10.270	10.588	VV	3064	433594	21.18%	1.987%
21	10.695	10.588	10.735	VV	2126	134134	6.55%	0.615%
22	10.794	10.735	10.873	VV	2537	161314	7.88%	0.739%
23	10.967	10.873	11.081	VV	3000	263927	12.89%	1.210%
24	11.167	11.081	11.373	VV	3618	318313	15.55%	1.459%
25	11.420	11.373	11.493	VV	665	44414	2.17%	0.204%
26	11.877	11.493	11.987	VV	12275	1119512	54.68%	5.131%
27	12.093	11.987	12.243	VV	7807	473884	23.14%	2.172%
28	12.339	12.243	12.451	VV	1542	97930	4.78%	0.449%
29	12.526	12.451	12.583	PV	111	5349	0.26%	0.025%
30	12.747	12.583	12.897	VV	1641	154774	7.56%	0.709%
31	13.019	12.897	13.221	VV	2237	259986	12.70%	1.192%
32	13.311	13.221	13.432	VV	1503	122054	5.96%	0.559%
33	13.534	13.432	13.644	VV	2715	165804	8.10%	0.760%
34	13.803	13.644	13.982	VV	1150	123377	6.03%	0.566%
35	14.170	13.982	14.319	VV	5980	646951	31.60%	2.965%
36	14.422	14.319	14.480	VV	3172	164518	8.03%	0.754%

					rteres			
37	14.536	14.480	14.646	VV	2980	152376	7.44%	0.698%
38	14.699	14.646	14.752	VV	247	9829	0.48%	0.045%
39	14.834	14.752	14.973	VV	596	43286	2.11%	0.198%
40	15.231	14.973	15.372	VV	12021	763507	37.29%	3.500%
41	15.498	15.372	15.633	VV	3050	260047	12.70%	1.192%
42	15.663	15.633	15.730	VV	879	41073	2.01%	0.188%
43	15.795	15.730	15.864	VV	1033	53794	2.63%	0.247%
44	15.948	15.864	16.103	VV	1595	118980	5.81%	0.545%
45	16.392	16.103	16.479	VV	5889	579513	28.30%	2.656%
46	16.595	16.479	16.743	VV	2478	208071	10.16%	0.954%
			Sum of corrected areas:			21816528		

FB102824.M Mon Nov 18 03:17:10 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-18	SDG No.:	P4839
Lab Sample ID:	P4839-10	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79
Sample Wt/Vol:	8.23	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
FB031184.D	50	11/14/24 22:06	FB111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	1760		297	1730	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.6		50 - 150	103%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031184.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 22:06
Operator : YP/AJ
Sample : P4839-10 50X
Misc : 8.23G/5.00 ML MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-18

Integration File: Calibration.e
Quant Time: Nov 15 03:10:36 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	8.790	569742	20.641 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

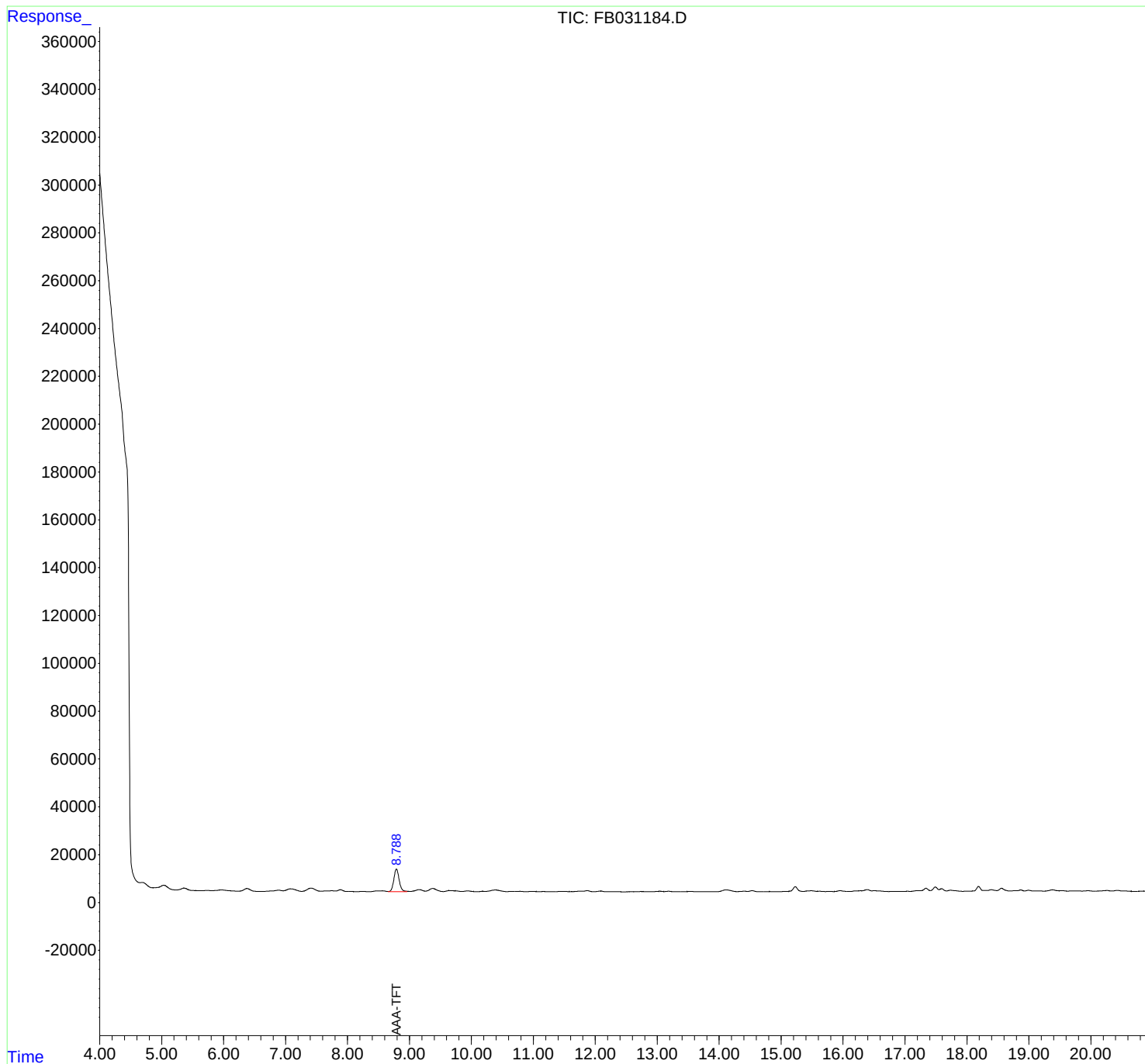
(m)=manual int.

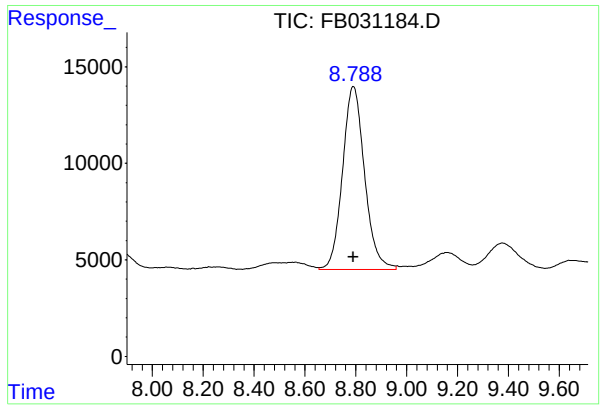
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031184.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 22:06
Operator : YP/AJ
Sample : P4839-10 50X
Misc : 8.23G/5.00 ML MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-18

Integration File: Calibration.e
Quant Time: Nov 15 03:10:36 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.: 8.790 min

Delta R.T.: 0.000 min

Response: 569742

Conc: 20.64 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-9-TPH-18

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-19	SDG No.:	P4839
Lab Sample ID:	P4839-11	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.3
Sample Wt/Vol:	8.23	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
FB031220.D	500	11/15/24 17:49	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	45500		2820	16400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	23.7		50 - 150	119%	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\FB111524\
Data File : FB031220.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 17:49
Operator : YP/AJ
Sample : P4839-11 500X
Misc : 8.23G/5.00 ML MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-19

Integration File: Calibration.e
Quant Time: Nov 18 02:31:02 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	8.796	654786	23.722 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

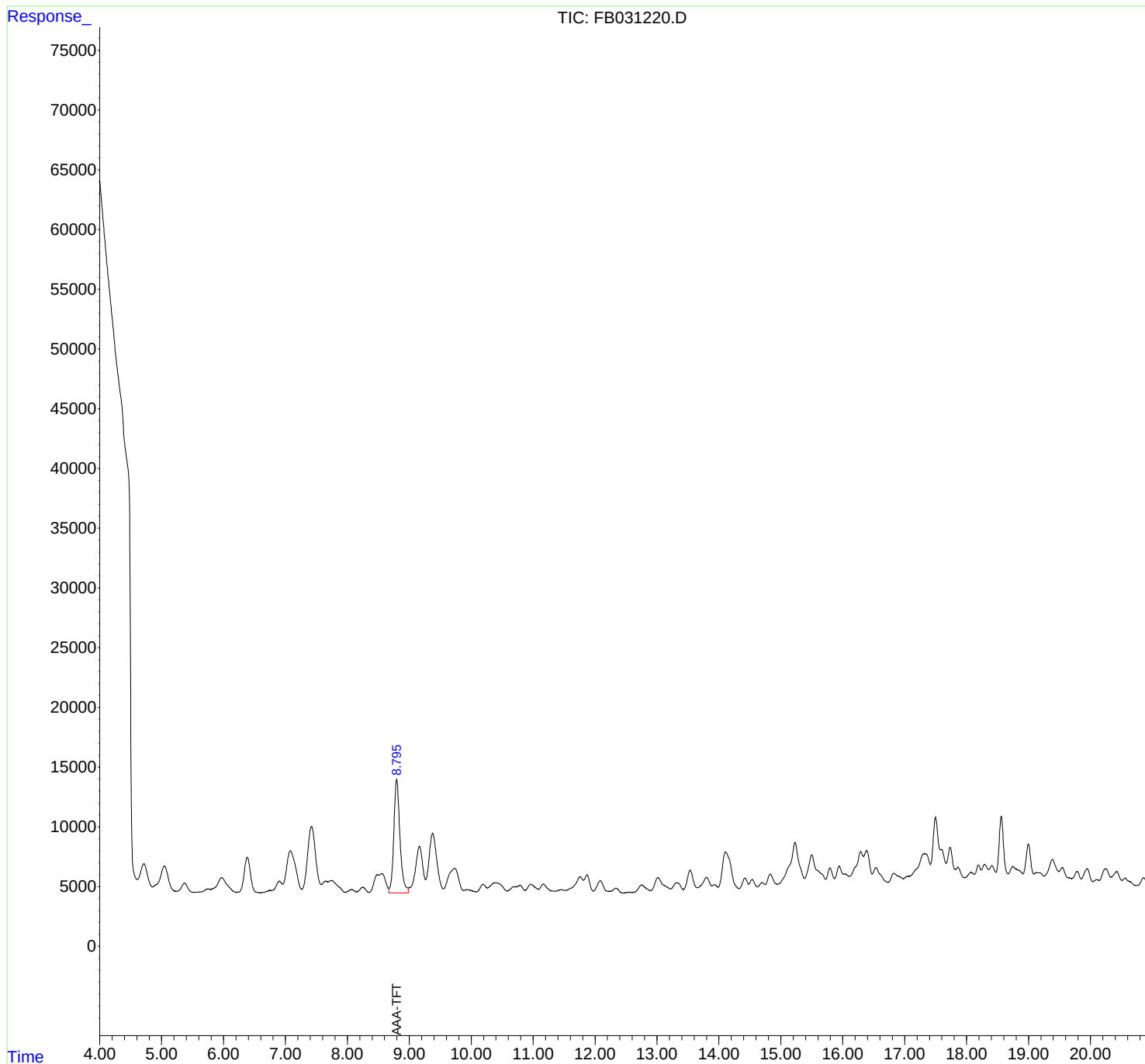
(m)=manual int.

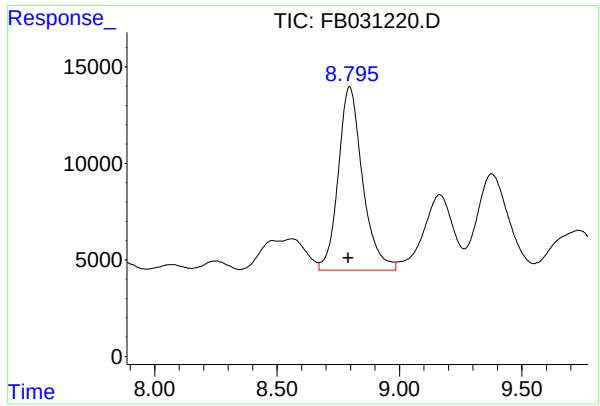
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031220.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 17:49
Operator : YP/AJ
Sample : P4839-11 500X
Misc : 8.23G/5.00 ML MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-19

Integration File: Calibration.e
Quant Time: Nov 18 02:31:02 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.: 8.796 min
Delta R.T.: 0.006 min
Response: 654786
Conc: 23.72 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-19

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031220.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 17:49
 Sample : P4839-11 500X
 Misc : 8.23G/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	4.716	4.571	4.850	BV	1519	94447	14.57%	1.498%
2	5.518	5.506	5.539	PV	13	89	0.01%	0.001%
3	5.604	5.539	5.615	PV	45	1087	0.17%	0.017%
4	5.754	5.615	5.792	VV	294	19157	2.96%	0.304%
5	5.966	5.792	6.209	VV	1267	145891	22.51%	2.314%
6	6.218	6.209	6.241	VV	63	905	0.14%	0.014%
7	6.383	6.241	6.578	VV	2994	209743	32.36%	3.327%
8	6.900	6.864	6.954	BV	288	10292	1.59%	0.163%
9	7.080	6.954	7.263	VV	3027	281257	43.39%	4.461%
10	7.421	7.263	7.576	PV	5328	468420	72.26%	7.429%
11	7.648	7.576	7.684	VV	829	46327	7.15%	0.735%
12	7.744	7.684	7.969	VV	917	91597	14.13%	1.453%
13	8.074	7.969	8.149	PV	238	14228	2.19%	0.226%
14	8.248	8.149	8.349	VV	432	27067	4.18%	0.429%
15	8.482	8.349	8.522	PV	1500	89324	13.78%	1.417%
16	8.560	8.522	8.670	VV	1591	101032	15.59%	1.602%
17	8.796	8.670	8.982	VV	9491	648226	100.00%	10.281%
18	9.164	8.982	9.265	VV	3888	325386	50.20%	5.161%
19	9.376	9.265	9.550	VV	4967	439940	67.87%	6.978%
20	9.730	9.550	9.885	VV	2043	237318	36.61%	3.764%
21	9.947	9.885	10.081	VV	265	21839	3.37%	0.346%
22	10.194	10.081	10.262	VV	709	47510	7.33%	0.754%
23	10.389	10.262	10.587	VV	840	115302	17.79%	1.829%
24	10.689	10.587	10.715	VV	515	28590	4.41%	0.453%
25	10.788	10.715	10.871	VV	627	45220	6.98%	0.717%
26	10.962	10.871	11.088	VV	723	63756	9.84%	1.011%
27	11.166	11.088	11.366	VV	739	63667	9.82%	1.010%
28	11.462	11.366	11.517	VV	269	20246	3.12%	0.321%
29	11.760	11.517	11.813	VV	1364	127236	19.63%	2.018%
30	11.872	11.813	11.970	VV	1512	90104	13.90%	1.429%
31	12.085	11.970	12.207	VV	1031	76604	11.82%	1.215%
32	12.225	12.207	12.248	VV	145	3486	0.54%	0.055%
33	12.336	12.248	12.460	VV	412	27044	4.17%	0.429%
34	12.551	12.460	12.598	PV	46	2551	0.39%	0.040%
35	12.756	12.598	12.897	VV	627	52488	8.10%	0.832%
36	13.017	12.897	13.220	VV	1189	114269	17.63%	1.812%

					rteres			
37	13.325	13.220	13.426	VV	699	55103	8.50%	0.874%
38	13.536	13.426	13.654	VV	1696	111950	17.27%	1.776%
39	13.801	13.654	13.889	VV	1060	84599	13.05%	1.342%
40	13.930	13.889	13.985	VV	401	18874	2.91%	0.299%
41	14.109	13.985	14.326	VV	3115	294965	45.50%	4.678%
42	14.421	14.326	14.483	PV	876	45371	7.00%	0.720%
43	14.537	14.483	14.622	VV	718	36816	5.68%	0.584%
44	14.699	14.622	14.746	VV	437	21489	3.32%	0.341%
45	14.831	14.746	14.942	VV	1110	74375	11.47%	1.180%
46	15.230	14.942	15.383	VV	3690	413811	63.84%	6.563%
47	15.500	15.383	15.723	VV	2582	277970	42.88%	4.409%
48	15.794	15.723	15.867	VV	1433	81600	12.59%	1.294%
49	15.944	15.867	16.107	VV	1541	138771	21.41%	2.201%
50	16.290	16.107	16.335	VV	2683	224339	34.61%	3.558%
51	16.387	16.335	16.476	VV	2769	172490	26.61%	2.736%
52	16.535	16.476	16.730	VV	1299	100743	15.54%	1.598%
Sum of corrected areas:						6304914		

FB102824.M Mon Nov 18 03:17:24 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-20	SDG No.:	P4839
Lab Sample ID:	P4839-12	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79.2
Sample Wt/Vol:	7.31	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		PH :	
Prep Method :		Decanted:	
		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031207.D	1	11/15/24 11:49	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	737		7.00	39.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	62.8	*	50 - 150	314%	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\FB111524\
Data File : FB031207.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 11:49
Operator : YP/AJ
Sample : P4839-12
Misc : 7.34G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-20

Integration File: Calibration.e
Quant Time: Nov 18 02:29:47 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	8.835	1732210	62.755 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

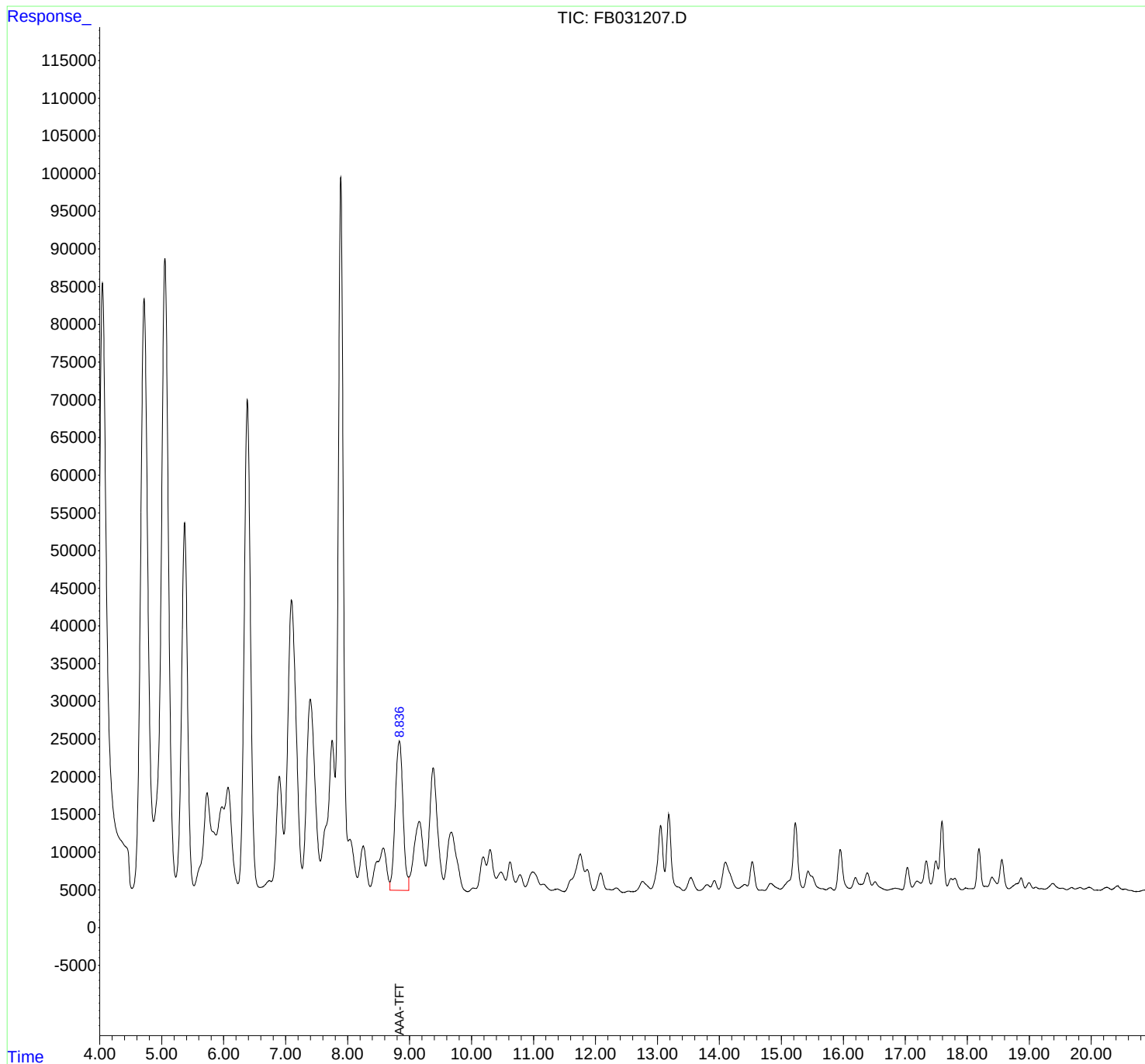
(m)=manual int.

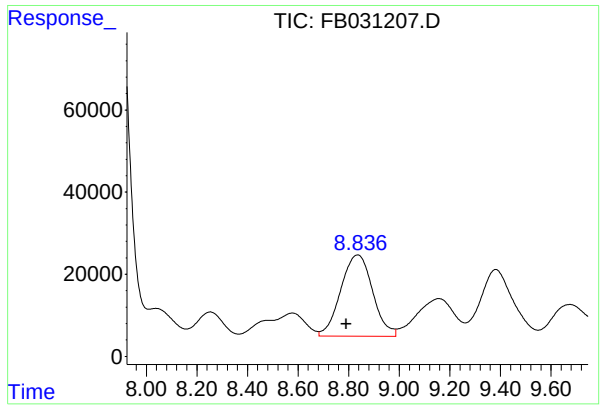
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031207.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 11:49
Operator : YP/AJ
Sample : P4839-12
Misc : 7.34G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-20

Integration File: Calibration.e
Quant Time: Nov 18 02:29:47 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.: 8.835 min

Delta R.T.: 0.045 min

Response: 1732210

Conc: 62.75 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-9-TPH-20

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031207.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 11:49
 Sample : P4839-12
 Misc : 7.34G/5.00 ML DI WATER
 ALS Vial : 4 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	4.717	4.487	4.870	BV	77072	6177579	100.00%	15.310%
2	5.734	5.522	5.877	PV	12378	1271427	20.58%	3.151%
3	5.974	5.877	6.005	VV	10566	694157	11.24%	1.720%
4	6.073	6.005	6.231	VV	13170	1004465	16.26%	2.489%
5	6.383	6.231	6.593	VV	64632	4536085	73.43%	11.242%
6	6.739	6.593	6.771	PV	926	51024	0.83%	0.126%
7	6.900	6.771	6.973	VV	14801	976808	15.81%	2.421%
8	7.096	6.973	7.268	VV	38208	3593959	58.18%	8.907%
9	7.399	7.268	7.562	VV	25100	2385475	38.62%	5.912%
10	7.752	7.562	7.797	VV	19687	1590692	25.75%	3.942%
11	7.891	7.797	8.159	VV	94365	5842211	94.57%	14.479%
12	8.253	8.159	8.366	VV	5804	403929	6.54%	1.001%
13	8.577	8.366	8.682	VV	5581	615976	9.97%	1.527%
14	8.835	8.682	8.987	VV	19771	1732179	28.04%	4.293%
15	9.157	8.987	9.261	VV	9188	943215	15.27%	2.338%
16	9.382	9.261	9.550	VV	16339	1471403	23.82%	3.647%
17	9.674	9.550	9.938	VV	7839	843157	13.65%	2.090%
18	10.030	9.938	10.067	PV	495	23094	0.37%	0.057%
19	10.190	10.067	10.241	VV	4634	288513	4.67%	0.715%
20	10.301	10.241	10.400	VV	5612	364627	5.90%	0.904%
21	10.476	10.400	10.551	VV	2629	198383	3.21%	0.492%
22	10.623	10.551	10.713	VV	3995	246471	3.99%	0.611%
23	10.783	10.713	10.870	VV	2300	151732	2.46%	0.376%
24	10.991	10.870	11.124	VV	2659	277201	4.49%	0.687%
25	11.158	11.124	11.296	VV	1052	71079	1.15%	0.176%
26	11.384	11.296	11.491	VV	426	33130	0.54%	0.082%
27	11.754	11.491	11.834	VV	5072	507954	8.22%	1.259%
28	11.865	11.834	11.978	VV	3023	154324	2.50%	0.382%
29	12.085	11.978	12.260	VV	2578	180894	2.93%	0.448%
30	12.337	12.260	12.448	VV	600	39800	0.64%	0.099%
31	12.538	12.448	12.603	PV	183	10425	0.17%	0.026%
32	12.762	12.603	12.893	VV	1452	131105	2.12%	0.325%
33	13.052	12.893	13.119	VV	8841	540841	8.75%	1.340%
34	13.184	13.119	13.422	VV	10292	564823	9.14%	1.400%
35	13.540	13.422	13.675	VV	1883	135519	2.19%	0.336%
36	13.803	13.675	13.855	VV	947	63670	1.03%	0.158%

						rteres		
37	13.920	13.855	13.991	VV	1501	78231	1.27%	0.194%
38	14.100	13.991	14.305	VV	3889	353447	5.72%	0.876%
39	14.411	14.305	14.456	VV	924	63443	1.03%	0.157%
40	14.531	14.456	14.654	VV	3940	205192	3.32%	0.509%
41	14.684	14.654	14.734	VV	176	6676	0.11%	0.017%
42	14.830	14.734	14.982	VV	1034	87009	1.41%	0.216%
43	15.227	14.982	15.348	VV	9029	568240	9.20%	1.408%
44	15.432	15.348	15.725	VV	2601	236959	3.84%	0.587%
45	15.789	15.725	15.851	VV	393	18767	0.30%	0.047%
46	15.952	15.851	16.109	VV	5446	288883	4.68%	0.716%
47	16.196	16.109	16.298	VV	1701	110231	1.78%	0.273%
48	16.387	16.298	16.463	VV	2304	142152	2.30%	0.352%
49	16.512	16.463	16.710	VV	1133	72442	1.17%	0.180%
					Sum of corrected areas:		40348996	

FB102824.M Mon Nov 18 03:14:45 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-21	SDG No.:	P4839
Lab Sample ID:	P4839-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	80.6
Sample Wt/Vol:	8.41	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
FB031227.D	2500	11/15/24 22:16	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	1040000		14200	83000	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	38.6	*	50 - 150	193%	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\FB111524\
Data File : FB031227.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 22:16
Operator : YP/AJ
Sample : P4839-13 2500X
Misc : 8.41G/5.00 ML MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-21

Integration File: Calibration.e
Quant Time: Nov 18 02:31:44 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	8.815	1066010	38.620 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

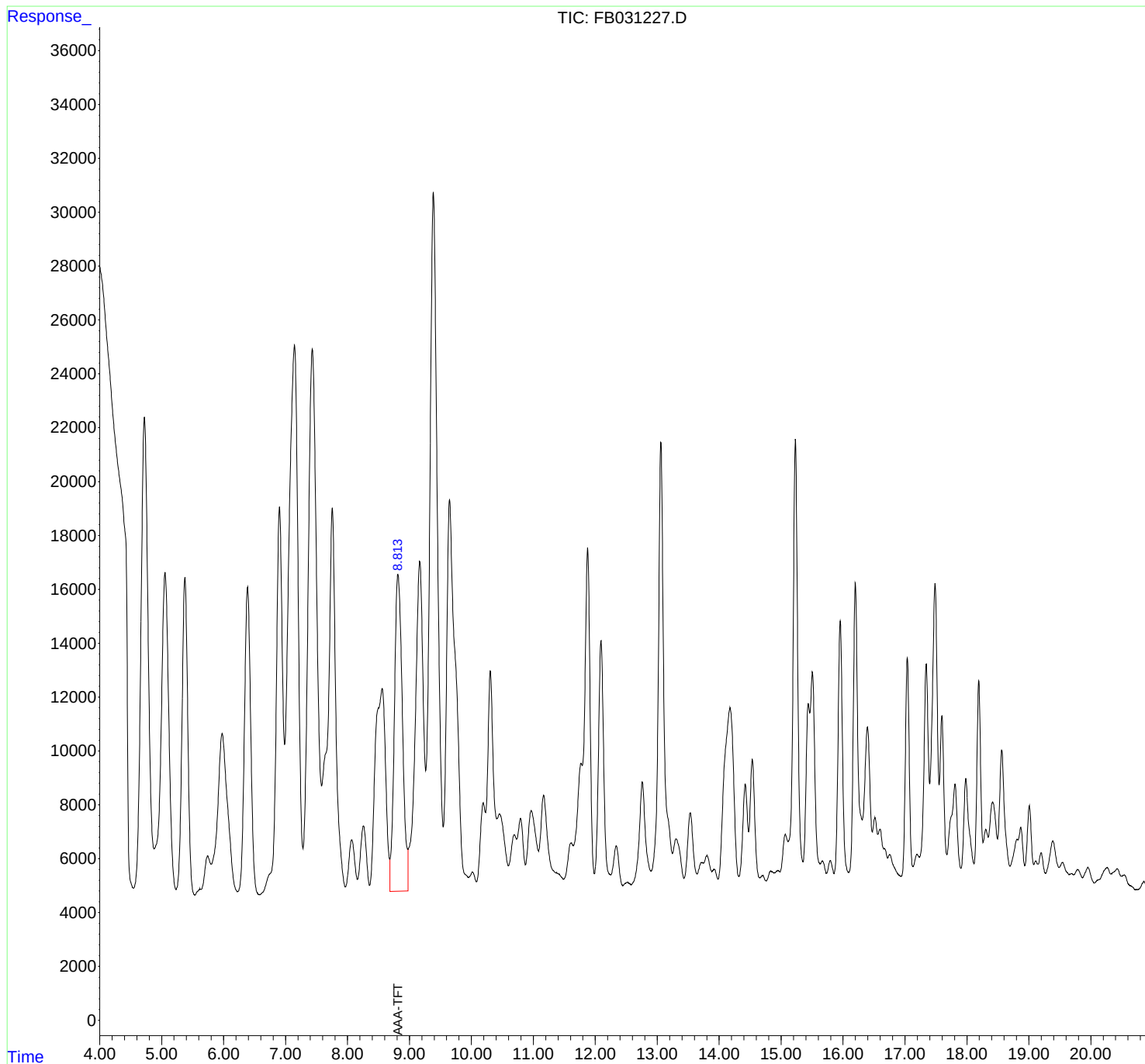
(m)=manual int.

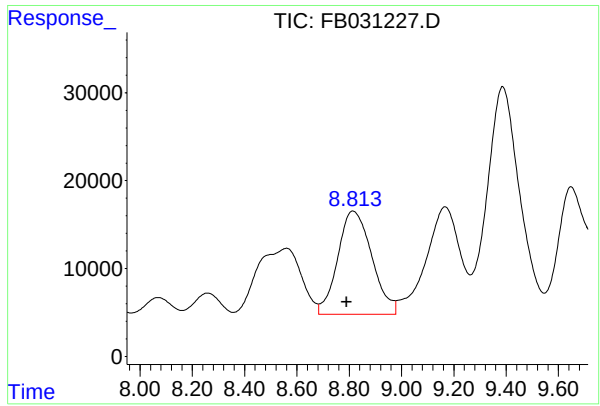
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031227.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 22:16
Operator : YP/AJ
Sample : P4839-13 2500X
Misc : 8.41G/5.00 ML MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-21

Integration File: Calibration.e
Quant Time: Nov 18 02:31:44 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.: 8.815 min
Delta R.T.: 0.024 min
Response: 1066010
Conc: 38.62 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-9-TPH-21

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031227.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 22:16
Sample : P4839-13 2500X
Misc : 8.41G/5.00 ML ME0H
ALS Vial : 27 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	4.723	4.504	4.879	BV	17377	1385741	62.00%	5.223%
2	5.618	5.536	5.637	PV	226	8198	0.37%	0.031%
3	5.743	5.637	5.805	VV	1459	97145	4.35%	0.366%
4	5.977	5.805	6.227	VV	5991	686530	30.72%	2.588%
5	6.387	6.227	6.583	VV	11415	802808	35.92%	3.026%
6	6.903	6.583	6.986	PV	14376	1022007	45.72%	3.852%
7	7.145	6.986	7.282	VV	20380	2139175	95.71%	8.063%
8	7.433	7.282	7.584	VV	20206	1966105	87.96%	7.411%
9	7.756	7.584	7.967	VV	14301	1312683	58.73%	4.948%
10	8.070	7.967	8.161	VV	1955	131353	5.88%	0.495%
11	8.259	8.161	8.358	VV	2456	165360	7.40%	0.623%
12	8.559	8.358	8.683	VV	7548	879474	39.35%	3.315%
13	8.815	8.683	8.978	VV	11762	1066591	47.72%	4.020%
14	9.167	8.978	9.264	VV	12238	1102806	49.34%	4.157%
15	9.387	9.264	9.546	VV	25864	2235135	100.00%	8.425%
16	9.649	9.546	9.952	VV	14461	1489645	66.65%	5.615%
17	10.018	9.952	10.082	VV	654	39756	1.78%	0.150%
18	10.193	10.082	10.226	VV	3216	170218	7.62%	0.642%
19	10.307	10.226	10.416	VV	8101	553395	24.76%	2.086%
20	10.455	10.416	10.599	VV	2787	226110	10.12%	0.852%
21	10.694	10.599	10.730	VV	2001	123363	5.52%	0.465%
22	10.794	10.730	10.874	VV	2606	167098	7.48%	0.630%
23	10.968	10.874	11.083	VV	2878	257635	11.53%	0.971%
24	11.167	11.083	11.489	VV	3433	327367	14.65%	1.234%
25	11.611	11.489	11.644	VV	1644	99145	4.44%	0.374%
26	11.877	11.644	11.987	VV	12584	1031738	46.16%	3.889%
27	12.093	11.987	12.246	VV	9124	542236	24.26%	2.044%
28	12.339	12.246	12.447	VV	1495	92274	4.13%	0.348%
29	12.518	12.447	12.580	VV	133	6956	0.31%	0.026%
30	12.760	12.580	12.900	VV	3852	274627	12.29%	1.035%
31	13.060	12.900	13.247	VV	16440	1062163	47.52%	4.004%
32	13.307	13.247	13.431	VV	1701	131285	5.87%	0.495%
33	13.534	13.431	13.644	VV	2666	167124	7.48%	0.630%
34	13.803	13.644	13.885	VV	1055	108348	4.85%	0.408%
35	13.919	13.885	13.981	VV	528	24384	1.09%	0.092%
36	14.176	13.981	14.322	VV	6531	691328	30.93%	2.606%

					rteres				
37	14.422	14.322	14.476	VV	3678	194225	8.69%	0.732%	
38	14.536	14.476	14.662	VV	4589	245002	10.96%	0.923%	
39	14.701	14.662	14.758	VV	269	10988	0.49%	0.041%	
40	14.836	14.758	14.890	VV	422	23822	1.07%	0.090%	
41	14.950	14.890	14.978	VV	431	21198	0.95%	0.080%	
42	15.070	14.978	15.115	VV	1777	99620	4.46%	0.375%	
43	15.231	15.115	15.351	VV	16406	876081	39.20%	3.302%	
44	15.505	15.351	15.631	VV	7782	675352	30.22%	2.546%	
45	15.667	15.631	15.736	VV	762	36865	1.65%	0.139%	
46	15.794	15.736	15.853	VV	770	37385	1.67%	0.141%	
47	15.955	15.853	16.087	VV	9637	487376	21.81%	1.837%	
48	16.199	16.087	16.308	VV	11044	586388	26.24%	2.210%	
49	16.395	16.308	16.475	VV	5688	369047	16.51%	1.391%	
50	16.515	16.475	16.565	VV	2314	110013	4.92%	0.415%	
51	16.595	16.565	16.721	VV	1879	127374	5.70%	0.480%	
52	16.753	16.721	16.805	VBA	933	41945	1.88%	0.158%	
					Sum of corrected areas:		26529990		

FB102824.M Mon Nov 18 03:18:39 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-10-TPH-1	SDG No.:	P4839
Lab Sample ID:	P4839-14	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.9
Sample Wt/Vol:	7.69	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
FB031188.D	50	11/14/24 23:53	FB111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	7280		296	1720	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	22.0		50 - 150	110%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031188.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 23:53
Operator : YP/AJ
Sample : P4839-14 50X
Misc : 7.69G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-1

Integration File: Calibration.e
Quant Time: Nov 15 03:11:02 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	608334	22.039 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

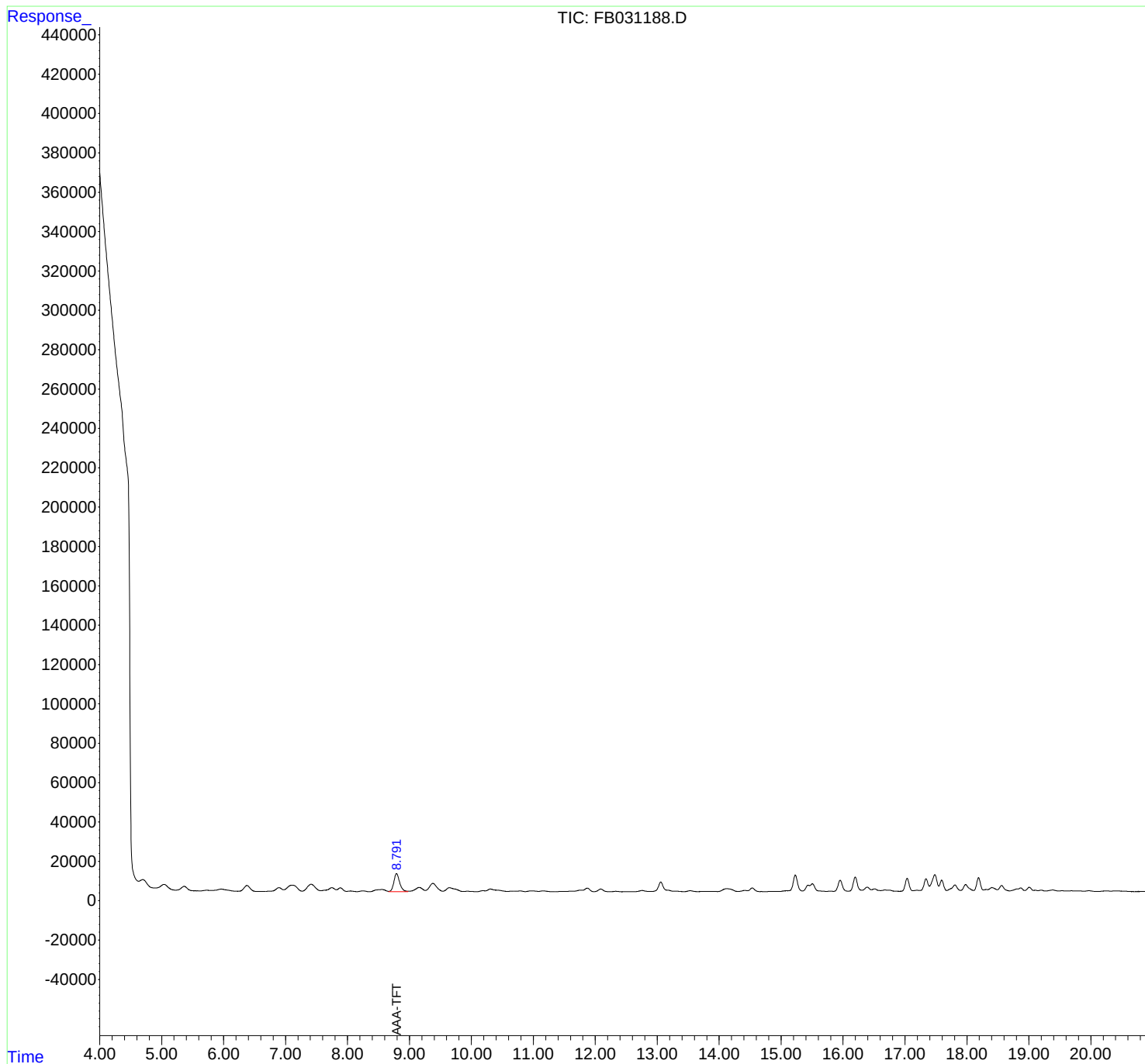
(m)=manual int.

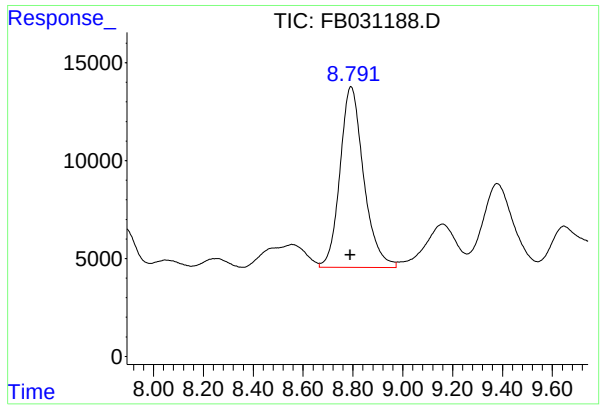
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031188.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 23:53
Operator : YP/AJ
Sample : P4839-14 50X
Misc : 7.69G/5.00 ML MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-1

Integration File: Calibration.e
Quant Time: Nov 15 03:11:02 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.: 8.793 min
Delta R.T.: 0.002 min
Response: 608334
Conc: 22.04 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-1

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-10-TPH-2	SDG No.:	P4839
Lab Sample ID:	P4839-15	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84
Sample Wt/Vol:	7.59	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
FB031225.D	250	11/15/24 21:23	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	90400		1510	8820	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	31.1	*	50 - 150	155%	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\FB111524\
Data File : FB031225.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 21:23
Operator : YP/AJ
Sample : P4839-15 250X
Misc : 7.59G/5.00 ML MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-2

Integration File: Calibration.e
Quant Time: Nov 18 02:31:32 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	8.798	857287	31.058 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

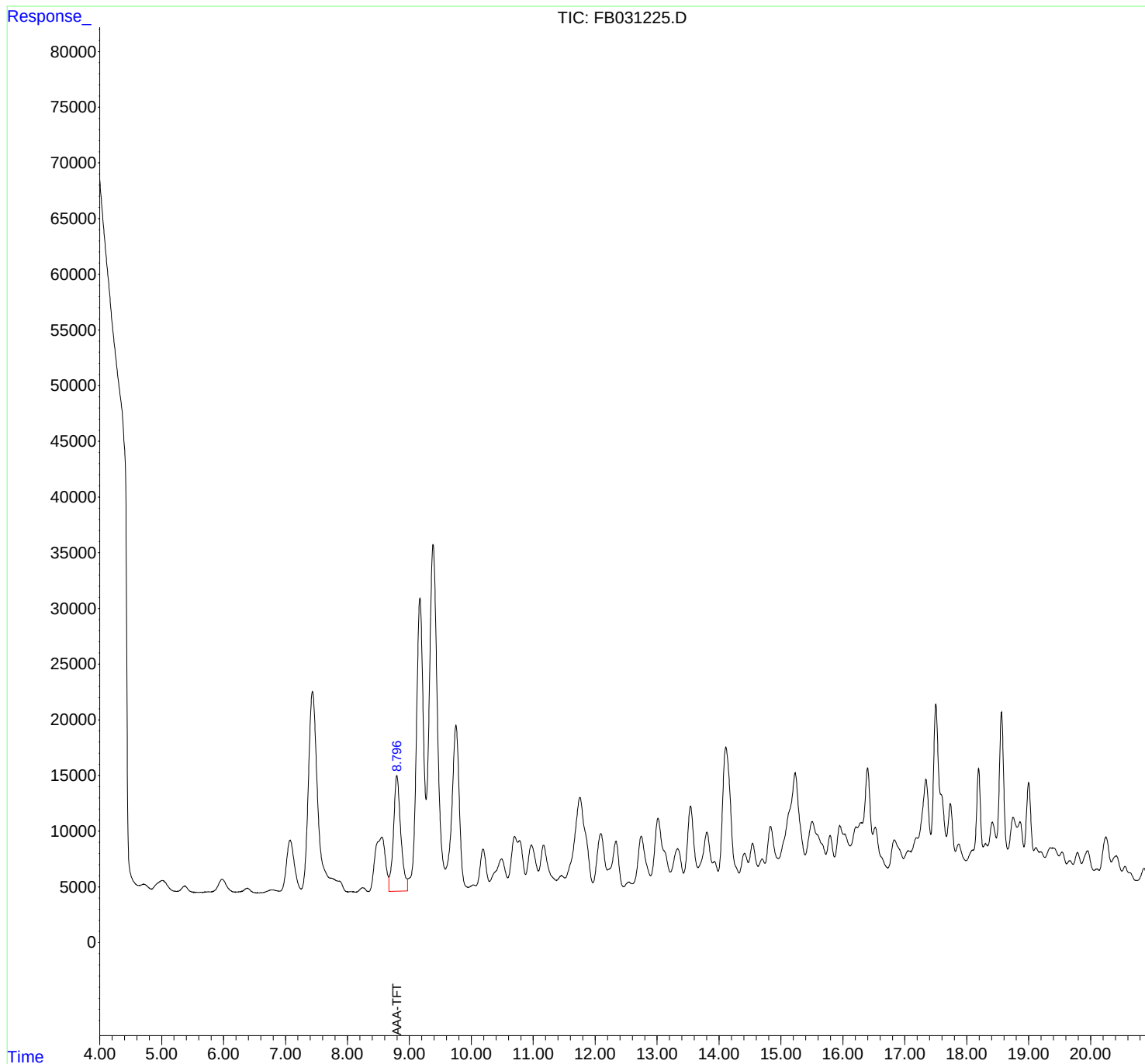
(m)=manual int.

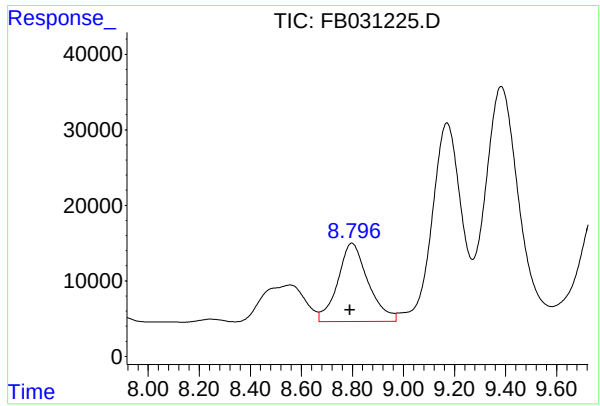
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031225.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 21:23
Operator : YP/AJ
Sample : P4839-15 250X
Misc : 7.59G/5.00 ML MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-2

Integration File: Calibration.e
Quant Time: Nov 18 02:31:32 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.: 8.798 min
Delta R.T.: 0.007 min
Response: 857287
Conc: 31.06 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031225.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 21:23
 Sample : P4839-15 250X
 Misc : 7.59G/5.00 ML ME0H
 ALS Vial : 25 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	4.707	4.604	4.834	BV	250	15971	0.57%	0.074%
2	5.230	5.221	5.247	PV	22	114	0.00%	0.001%
3	5.538	5.534	5.594	PV	11	162	0.01%	0.001%
4	5.625	5.594	5.634	PV	21	218	0.01%	0.001%
5	5.755	5.634	5.777	VV	78	3551	0.13%	0.016%
6	5.976	5.777	6.182	VV	1208	116865	4.16%	0.538%
7	6.207	6.182	6.217	VV	74	1434	0.05%	0.007%
8	6.244	6.217	6.253	VV	99	1735	0.06%	0.008%
9	6.384	6.253	6.526	VV	410	32205	1.15%	0.148%
10	6.547	6.526	6.577	VV	16	220	0.01%	0.001%
11	6.598	6.577	6.613	PV	23	300	0.01%	0.001%
12	6.784	6.613	6.907	VV	271	29204	1.04%	0.134%
13	7.075	6.907	7.252	VV	4726	427632	15.24%	1.968%
14	7.437	7.252	7.860	VV	18064	1967144	70.10%	9.054%
15	7.871	7.860	8.021	VV	1017	43521	1.55%	0.200%
16	8.061	8.021	8.129	VV	51	2587	0.09%	0.012%
17	8.243	8.129	8.342	PV	392	24188	0.86%	0.111%
18	8.556	8.342	8.670	VV	4897	568577	20.26%	2.617%
19	8.798	8.670	8.971	VV	10400	860117	30.65%	3.959%
20	9.171	8.971	9.271	VV	26289	2070371	73.78%	9.529%
21	9.383	9.271	9.582	VV	31083	2806087	100.00%	12.915%
22	9.753	9.582	9.954	VV	14813	1253401	44.67%	5.769%
23	10.034	9.954	10.073	VV	434	25281	0.90%	0.116%
24	10.190	10.073	10.293	VV	3638	251150	8.95%	1.156%
25	10.489	10.293	10.589	VV	2722	307670	10.96%	1.416%
26	10.700	10.589	10.751	VV	4719	318372	11.35%	1.465%
27	10.779	10.751	10.877	VV	4330	240609	8.57%	1.107%
28	10.971	10.877	11.085	VV	3913	336490	11.99%	1.549%
29	11.168	11.085	11.375	VV	3876	352909	12.58%	1.624%
30	11.458	11.375	11.511	VV	1107	76984	2.74%	0.354%
31	11.755	11.511	11.964	VV	8103	1059003	37.74%	4.874%
32	12.091	11.964	12.201	VV	4811	396058	14.11%	1.823%
33	12.336	12.201	12.459	VV	4105	319030	11.37%	1.468%
34	12.544	12.459	12.597	PV	386	19917	0.71%	0.092%
35	12.745	12.597	12.895	VV	4436	373621	13.31%	1.720%
36	13.016	12.895	13.215	VV	5931	597121	21.28%	2.748%

					rteres			
37	13.332	13.215	13.428	VV	3081	261622	9.32%	1.204%
38	13.540	13.428	13.665	VV	6830	495916	17.67%	2.282%
39	13.805	13.665	13.899	VV	4380	370257	13.19%	1.704%
40	13.925	13.899	13.985	VV	1696	72010	2.57%	0.331%
41	14.112	13.985	14.324	VV	11882	1064091	37.92%	4.897%
42	14.412	14.324	14.473	VV	2232	139505	4.97%	0.642%
43	14.543	14.473	14.631	VV	3068	193226	6.89%	0.889%
44	14.696	14.631	14.740	VV	1620	88755	3.16%	0.408%
45	14.832	14.740	14.957	VV	4484	354552	12.64%	1.632%
46	15.230	14.957	15.390	VV	9155	1231254	43.88%	5.667%
47	15.505	15.390	15.726	VV	4657	632333	22.53%	2.910%
48	15.794	15.726	15.866	VV	3298	198615	7.08%	0.914%
49	15.952	15.866	16.118	VV	4104	450808	16.07%	2.075%
50	16.399	16.118	16.482	VV	9110	1028736	36.66%	4.735%
51	16.522	16.482	16.725	VV	3754	246501	8.78%	1.134%
			Sum of corrected areas:				21727994	

FB102824.M Mon Nov 18 03:18:11 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-10-TPH-3	SDG No.:	P4839
Lab Sample ID:	P4839-16	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	77.6
Sample Wt/Vol:	7.41	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
FB031192.D	50	11/15/24 2:33	FB111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	22900		336	1960	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	40.8	*	50 - 150	204%	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\FB111424\
Data File : FB031192.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 2:33
Operator : YP/AJ
Sample : P4839-16 50X
Misc : 7.41G/5.00 ML MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-3

Integration File: Calibration.e
Quant Time: Nov 15 03:11:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.808	1125272	40.766 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

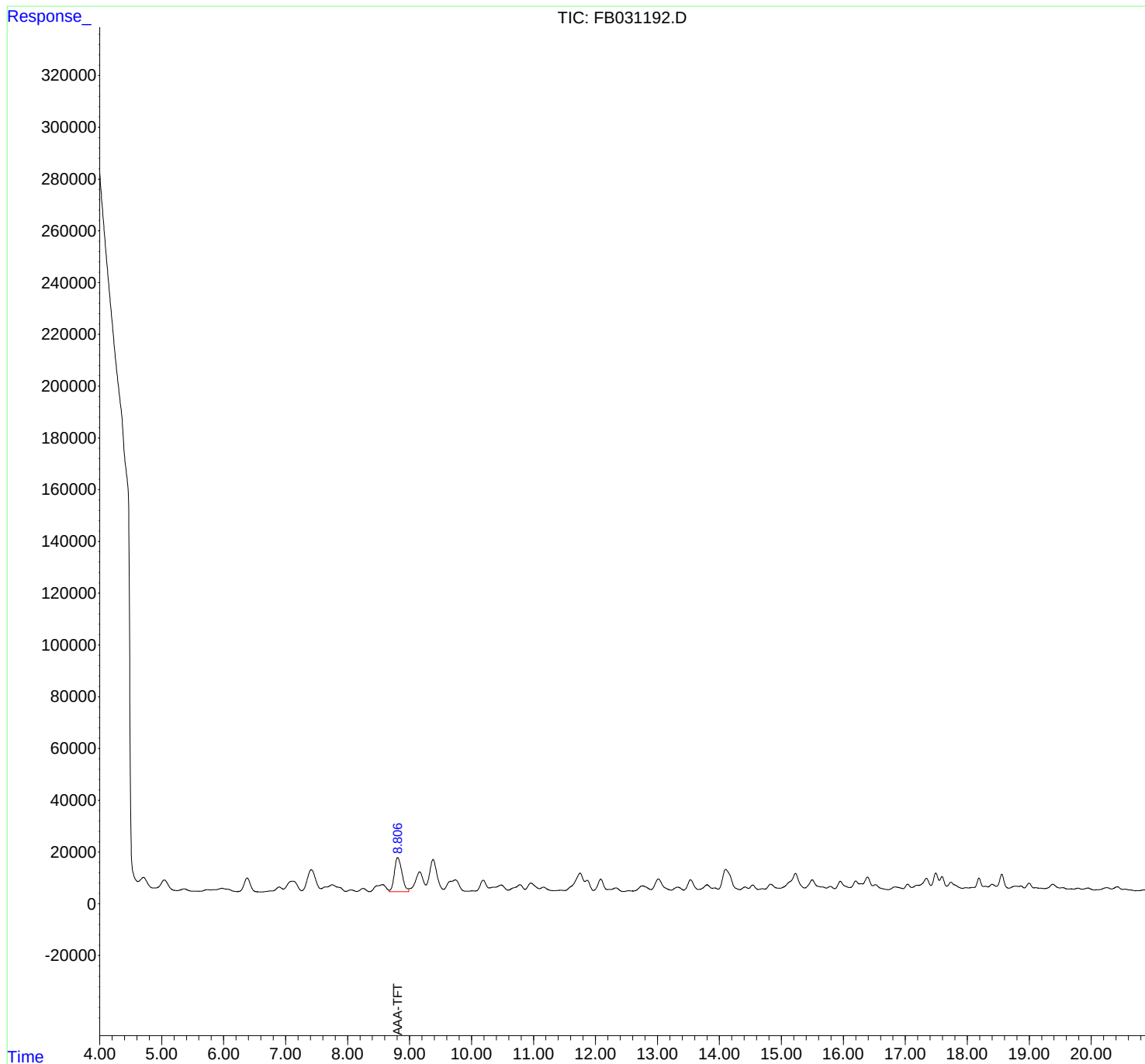
(m)=manual int.

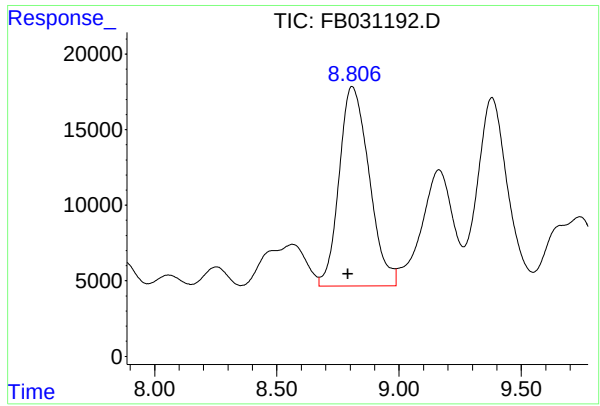
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031192.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 2:33
Operator : YP/AJ
Sample : P4839-16 50X
Misc : 7.41G/5.00 ML MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-10-TPH-3

Integration File: Calibration.e
Quant Time: Nov 15 03:11:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.808 min
Delta R.T.: 0.017 min
Response: 1125272
Conc: 40.77 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-10-TPH-3

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-1	SDG No.:	P4839
Lab Sample ID:	P4839-17	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.9
Sample Wt/Vol:	8.82	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
FB031230.D	1	11/15/24 23:37	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	5.00	U	5.00	30.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.0		50 - 150	85%	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\FB111524\
Data File : FB031230.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 23:37
Operator : YP/AJ
Sample : P4839-17
Misc : 8.82G/5.00 ML DI WATER
ALS Vial : 30 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 18 02:32:02 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	8.795	470317	17.039 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

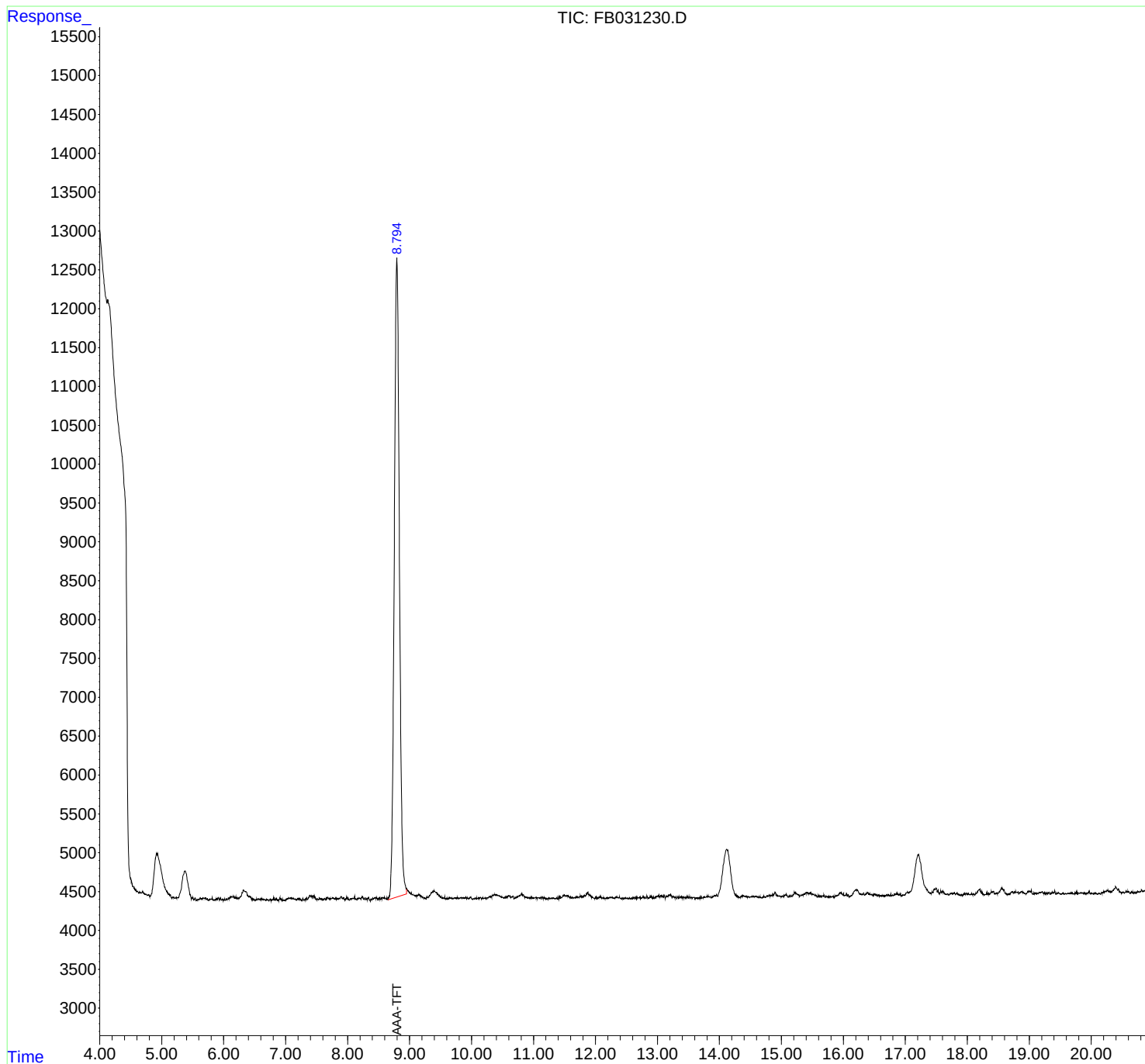
(m)=manual int.

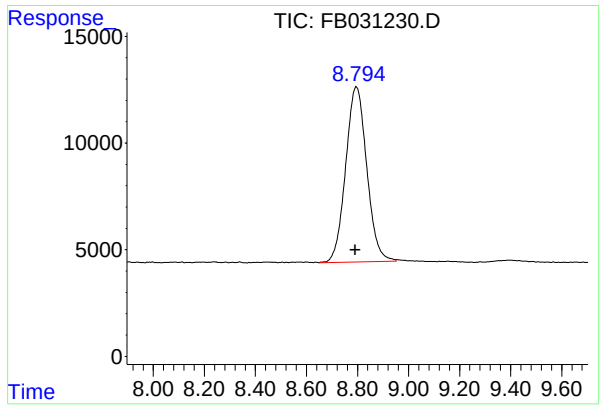
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031230.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 23:37
Operator : YP/AJ
Sample : P4839-17
Misc : 8.82G/5.00 ML DI WATER
ALS Vial : 30 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 18 02:32:02 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.: 8.795 min

Delta R.T.: 0.005 min

Response: 470317

Conc: 17.04 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-4-TPH-1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031230.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 23:37
Sample : P4839-17
Misc : 8.82G/5.00 ML DI WATER
ALS Vial : 30 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	4.648	4.604	4.665	BV	9	-13	-0.00%	-0.002%
2	4.697	4.665	4.733	PV	27	471	0.10%	0.064%
3	4.744	4.733	4.779	VV	12	174	0.04%	0.023%
4	4.788	4.779	4.814	VV	14	112	0.02%	0.015%
5	5.141	5.133	5.163	VV	47	495	0.10%	0.067%
6	5.178	5.163	5.213	VV	19	369	0.08%	0.050%
7	5.503	5.482	5.522	VV	38	651	0.13%	0.088%
8	5.541	5.522	5.556	VV	34	392	0.08%	0.053%
9	5.592	5.556	5.602	PV	19	287	0.06%	0.039%
10	5.623	5.602	5.646	VV	36	642	0.13%	0.087%
11	5.668	5.646	5.695	VV	38	913	0.19%	0.123%
12	5.709	5.695	5.756	VV	41	914	0.19%	0.123%
13	5.779	5.756	5.790	VV	24	299	0.06%	0.040%
14	5.798	5.790	5.806	VV	19	172	0.04%	0.023%
15	5.816	5.806	5.833	VV	41	325	0.07%	0.044%
16	5.839	5.833	5.848	VV	14	77	0.02%	0.010%
17	5.888	5.848	5.901	VV	26	477	0.10%	0.064%
18	5.915	5.901	5.933	VV	42	536	0.11%	0.072%
19	5.948	5.933	5.970	VV	39	430	0.09%	0.058%
20	5.983	5.970	5.998	VV	25	274	0.06%	0.037%
21	6.014	5.998	6.029	PV	23	210	0.04%	0.028%
22	6.043	6.029	6.054	VV	28	274	0.06%	0.037%
23	6.088	6.054	6.099	VV	40	743	0.15%	0.100%
24	6.129	6.099	6.149	VV	58	1420	0.29%	0.191%
25	6.158	6.149	6.188	VV	62	1050	0.22%	0.142%
26	6.196	6.188	6.209	VV	48	505	0.10%	0.068%
27	6.219	6.209	6.249	VV	39	776	0.16%	0.105%
28	6.322	6.249	6.408	VV	139	8482	1.75%	1.144%
29	6.419	6.408	6.461	VV	64	1352	0.28%	0.182%
30	6.470	6.461	6.526	VV	22	618	0.13%	0.083%
31	6.533	6.526	6.539	VV	18	121	0.02%	0.016%
32	6.575	6.539	6.587	VV	24	551	0.11%	0.074%
33	6.614	6.587	6.630	VV	30	515	0.11%	0.069%
34	6.652	6.630	6.680	VV	22	447	0.09%	0.060%
35	6.694	6.680	6.730	VV	19	325	0.07%	0.044%
36	6.759	6.730	6.777	VV	25	350	0.07%	0.047%

					rteres			
37	6.812	6.777	6.828	VV	45	576	0.12%	0.078%
38	6.840	6.828	6.890	VV	24	557	0.11%	0.075%
39	6.909	6.890	6.956	VV	40	670	0.14%	0.090%
40	7.053	6.956	7.078	VV	41	1449	0.30%	0.195%
41	7.098	7.078	7.108	VV	41	578	0.12%	0.078%
42	7.118	7.108	7.143	VV	35	576	0.12%	0.078%
43	7.152	7.143	7.178	VV	24	380	0.08%	0.051%
44	7.223	7.178	7.266	VV	33	1066	0.22%	0.144%
45	7.279	7.266	7.294	VV	32	280	0.06%	0.038%
46	7.342	7.294	7.358	VV	39	804	0.17%	0.108%
47	7.394	7.358	7.426	VV	69	2176	0.45%	0.293%
48	7.447	7.426	7.459	VV	68	1080	0.22%	0.146%
49	7.468	7.459	7.505	VV	67	1033	0.21%	0.139%
50	7.515	7.505	7.528	VV	26	300	0.06%	0.040%
51	7.547	7.528	7.566	VV	41	539	0.11%	0.073%
52	7.575	7.566	7.591	VV	31	348	0.07%	0.047%
53	7.603	7.591	7.614	VV	26	263	0.05%	0.035%
54	7.634	7.614	7.651	VV	32	514	0.11%	0.069%
55	7.660	7.651	7.667	VV	42	268	0.06%	0.036%
56	7.677	7.667	7.702	VV	46	718	0.15%	0.097%
57	7.707	7.702	7.723	VV	35	350	0.07%	0.047%
58	7.766	7.723	7.794	VV	41	1337	0.28%	0.180%
59	7.815	7.794	7.863	VV	38	1138	0.23%	0.153%
60	7.872	7.863	7.877	VV	37	280	0.06%	0.038%
61	7.894	7.877	7.920	VV	53	1123	0.23%	0.151%
62	7.937	7.920	7.968	VV	40	744	0.15%	0.100%
63	7.999	7.968	8.031	VV	45	971	0.20%	0.131%
64	8.047	8.031	8.059	VV	31	399	0.08%	0.054%
65	8.088	8.059	8.098	VV	37	750	0.15%	0.101%
66	8.114	8.098	8.123	VV	58	511	0.11%	0.069%
67	8.133	8.123	8.152	VV	31	416	0.09%	0.056%
68	8.194	8.152	8.212	VV	38	1134	0.23%	0.153%
69	8.237	8.212	8.267	VV	57	1238	0.25%	0.167%
70	8.285	8.267	8.297	VV	43	506	0.10%	0.068%
71	8.313	8.297	8.322	VV	33	386	0.08%	0.052%
72	8.338	8.322	8.367	VV	49	695	0.14%	0.094%
73	8.377	8.367	8.403	PV	23	390	0.08%	0.053%
74	8.410	8.403	8.422	VV	36	313	0.06%	0.042%
75	8.453	8.422	8.489	VV	44	1344	0.28%	0.181%
76	8.507	8.489	8.515	VV	37	425	0.09%	0.057%
77	8.575	8.515	8.590	VV	46	1442	0.30%	0.194%
78	8.599	8.590	8.629	VV	47	715	0.15%	0.096%
79	8.636	8.629	8.651	VV	46	372	0.08%	0.050%
80	8.795	8.651	9.044	VV	8264	485826	100.00%	65.507%
81	9.054	9.044	9.113	VV	80	2873	0.59%	0.387%
82	9.121	9.113	9.138	VV	75	998	0.21%	0.135%
83	9.155	9.138	9.233	VV	83	3272	0.67%	0.441%
84	9.248	9.233	9.264	VV	34	559	0.12%	0.075%
85	9.284	9.264	9.302	VV	50	891	0.18%	0.120%
86	9.394	9.302	9.478	VV	123	9533	1.96%	1.285%
87	9.482	9.478	9.500	VV	66	746	0.15%	0.101%
88	9.510	9.500	9.558	VV	53	1185	0.24%	0.160%
89	9.567	9.558	9.601	VV	46	651	0.13%	0.088%

					rteres				
90	9.609	9.601	9.628	VV	28	368	0.08%	0.050%	
91	9.661	9.628	9.673	VV	35	781	0.16%	0.105%	
92	9.683	9.673	9.698	VV	40	423	0.09%	0.057%	
93	9.721	9.698	9.728	VV	33	482	0.10%	0.065%	
94	9.737	9.728	9.765	VV	34	663	0.14%	0.089%	
95	9.770	9.765	9.776	VV	34	216	0.04%	0.029%	
96	9.783	9.776	9.796	VV	34	331	0.07%	0.045%	
97	9.827	9.796	9.851	VV	38	964	0.20%	0.130%	
98	9.862	9.851	9.875	VV	33	433	0.09%	0.058%	
99	9.885	9.875	9.893	VV	34	319	0.07%	0.043%	
100	9.907	9.893	9.948	VV	45	984	0.20%	0.133%	
101	9.987	9.948	10.021	VV	43	1146	0.24%	0.155%	
102	10.040	10.021	10.048	VV	25	308	0.06%	0.042%	
103	10.058	10.048	10.078	VV	29	383	0.08%	0.052%	
104	10.087	10.078	10.117	VV	29	558	0.11%	0.075%	
105	10.124	10.117	10.131	VV	32	214	0.04%	0.029%	
106	10.148	10.131	10.168	VV	37	616	0.13%	0.083%	
107	10.174	10.168	10.195	VV	30	386	0.08%	0.052%	
108	10.221	10.195	10.238	VV	35	650	0.13%	0.088%	
109	10.252	10.238	10.268	VV	32	510	0.10%	0.069%	
110	10.284	10.268	10.293	VV	49	595	0.12%	0.080%	
111	10.343	10.293	10.354	VV	63	1888	0.39%	0.255%	
112	10.374	10.354	10.403	VV	70	1930	0.40%	0.260%	
113	10.410	10.403	10.419	VV	70	640	0.13%	0.086%	
114	10.428	10.419	10.482	VV	64	1961	0.40%	0.264%	
115	10.496	10.482	10.527	VV	41	883	0.18%	0.119%	
116	10.533	10.527	10.540	VV	36	240	0.05%	0.032%	
117	10.550	10.540	10.559	VV	44	379	0.08%	0.051%	
118	10.600	10.559	10.612	VV	60	1471	0.30%	0.198%	
119	10.621	10.612	10.645	VV	58	873	0.18%	0.118%	
120	10.671	10.645	10.687	VV	53	958	0.20%	0.129%	
121	10.753	10.687	10.761	VV	51	1500	0.31%	0.202%	
122	10.814	10.761	10.831	VV	78	2581	0.53%	0.348%	
123	10.836	10.831	10.887	VV	67	1469	0.30%	0.198%	
124	10.894	10.887	10.908	VV	35	394	0.08%	0.053%	
125	10.913	10.908	10.944	VV	29	535	0.11%	0.072%	
126	10.953	10.944	10.961	VV	37	283	0.06%	0.038%	
127	10.969	10.961	10.984	VV	43	437	0.09%	0.059%	
128	11.038	10.984	11.061	VV	36	1186	0.24%	0.160%	
129	11.079	11.061	11.095	VV	31	533	0.11%	0.072%	
130	11.127	11.095	11.137	VV	39	597	0.12%	0.081%	
131	11.151	11.137	11.159	VV	35	326	0.07%	0.044%	
132	11.182	11.159	11.203	VV	26	533	0.11%	0.072%	
133	11.211	11.203	11.234	VV	18	221	0.05%	0.030%	
134	11.244	11.234	11.279	VV	28	448	0.09%	0.060%	
135	11.295	11.279	11.303	VV	25	268	0.06%	0.036%	
136	11.323	11.303	11.368	VV	28	689	0.14%	0.093%	
137	11.379	11.368	11.394	VV	30	282	0.06%	0.038%	
138	11.429	11.394	11.440	VV	49	695	0.14%	0.094%	
139	11.481	11.440	11.489	VV	59	1079	0.22%	0.145%	
140	11.500	11.489	11.528	VV	64	1245	0.26%	0.168%	
141	11.536	11.528	11.587	VV	58	1579	0.32%	0.213%	

					rteres			
142	11.600	11.587	11.611	VV	39	400	0.08%	0.054%
143	11.628	11.611	11.650	VV	34	581	0.12%	0.078%
144	11.701	11.650	11.736	VV	37	1475	0.30%	0.199%
145	11.766	11.736	11.774	VV	47	846	0.17%	0.114%
146	11.780	11.774	11.793	VV	47	424	0.09%	0.057%
147	11.820	11.793	11.832	VV	60	1046	0.22%	0.141%
148	11.879	11.832	11.899	VV	98	2764	0.57%	0.373%
149	11.904	11.899	11.947	VV	68	1281	0.26%	0.173%
150	11.955	11.947	11.988	VV	32	517	0.11%	0.070%
151	12.007	11.988	12.027	VV	39	530	0.11%	0.072%
152	12.065	12.027	12.073	VV	30	602	0.12%	0.081%
153	12.081	12.073	12.128	VV	45	729	0.15%	0.098%
154	12.190	12.128	12.225	VV	30	1054	0.22%	0.142%
155	12.235	12.225	12.247	VV	29	345	0.07%	0.046%
156	12.267	12.247	12.276	VV	29	410	0.08%	0.055%
157	12.281	12.276	12.297	VV	21	221	0.05%	0.030%
158	12.339	12.297	12.377	VV	31	1033	0.21%	0.139%
159	12.390	12.377	12.431	VV	29	495	0.10%	0.067%
160	12.440	12.431	12.459	VV	15	172	0.04%	0.023%
161	12.472	12.459	12.509	VV	22	387	0.08%	0.052%
162	12.517	12.509	12.535	VV	16	164	0.03%	0.022%
163	12.552	12.535	12.561	VV	16	160	0.03%	0.022%
164	12.612	12.561	12.623	VV	23	454	0.09%	0.061%
165	12.630	12.623	12.640	VV	30	174	0.04%	0.023%
166	12.657	12.640	12.673	VV	33	293	0.06%	0.040%
167	12.680	12.673	12.703	VV	19	319	0.07%	0.043%
168	12.722	12.703	12.748	VV	28	516	0.11%	0.070%
169	12.772	12.748	12.790	VV	39	548	0.11%	0.074%
170	12.797	12.790	12.815	VV	28	313	0.06%	0.042%
171	12.833	12.815	12.857	VV	44	509	0.10%	0.069%
172	12.899	12.857	12.922	VV	43	809	0.17%	0.109%
173	12.937	12.922	12.945	VV	28	199	0.04%	0.027%
174	12.964	12.945	12.974	VV	32	340	0.07%	0.046%
175	12.993	12.974	13.000	VV	36	473	0.10%	0.064%
176	13.025	13.000	13.035	VV	55	848	0.17%	0.114%
177	13.056	13.035	13.099	VV	50	1381	0.28%	0.186%
178	13.108	13.099	13.127	VV	57	567	0.12%	0.077%
179	13.139	13.127	13.145	VV	39	271	0.06%	0.037%
180	13.209	13.145	13.219	VV	62	1899	0.39%	0.256%
181	13.224	13.219	13.236	VV	43	356	0.07%	0.048%
182	13.254	13.236	13.267	VV	39	553	0.11%	0.075%
183	13.272	13.267	13.283	VV	27	218	0.04%	0.029%
184	13.302	13.283	13.313	VV	38	362	0.07%	0.049%
185	13.332	13.313	13.382	VV	31	802	0.17%	0.108%
186	13.391	13.382	13.405	VV	39	316	0.07%	0.043%
187	13.458	13.405	13.466	VV	26	711	0.15%	0.096%
188	13.477	13.466	13.485	VV	34	244	0.05%	0.033%
189	13.494	13.485	13.505	VV	28	196	0.04%	0.026%
190	13.522	13.505	13.560	VV	25	572	0.12%	0.077%
191	13.591	13.560	13.627	VV	20	535	0.11%	0.072%
192	13.636	13.627	13.643	VV	14	94	0.02%	0.013%
193	13.654	13.643	13.663	VV	14	98	0.02%	0.013%
194	13.673	13.663	13.694	VV	17	217	0.04%	0.029%

					rteres			
195	13.708	13.694	13.718	VV	29	214	0.04%	0.029%
196	13.761	13.718	13.771	VV	32	551	0.11%	0.074%
197	13.793	13.771	13.810	VV	31	537	0.11%	0.072%
198	13.820	13.810	13.835	VV	34	414	0.09%	0.056%
199	13.850	13.835	13.869	VV	29	418	0.09%	0.056%
200	13.919	13.869	13.934	VV	44	1103	0.23%	0.149%
201	13.954	13.934	13.975	VV	52	957	0.20%	0.129%
202	14.119	13.975	14.320	VV	635	56953	11.72%	7.679%
203	14.377	14.320	14.412	VV	40	1464	0.30%	0.197%
204	14.422	14.412	14.465	VV	30	767	0.16%	0.103%
205	14.473	14.465	14.491	VV	24	305	0.06%	0.041%
206	14.513	14.491	14.529	VV	28	474	0.10%	0.064%
207	14.550	14.529	14.561	VV	32	485	0.10%	0.065%
208	14.572	14.561	14.625	VV	28	880	0.18%	0.119%
209	14.640	14.625	14.652	VV	20	253	0.05%	0.034%
210	14.656	14.652	14.688	VV	14	234	0.05%	0.032%
211	14.696	14.688	14.704	VV	16	103	0.02%	0.014%
212	14.722	14.704	14.737	VV	29	340	0.07%	0.046%
213	14.747	14.737	14.751	VV	20	141	0.03%	0.019%
214	14.773	14.751	14.781	VV	42	482	0.10%	0.065%
215	14.805	14.781	14.814	VV	47	665	0.14%	0.090%
216	14.833	14.814	14.849	VV	45	731	0.15%	0.099%
217	14.901	14.849	14.948	VV	82	2894	0.60%	0.390%
218	14.961	14.948	14.968	VV	32	354	0.07%	0.048%
219	14.977	14.968	14.987	VV	32	307	0.06%	0.041%
220	14.992	14.987	15.000	VV	27	182	0.04%	0.025%
221	15.009	15.000	15.030	VV	29	453	0.09%	0.061%
222	15.042	15.030	15.050	VV	41	392	0.08%	0.053%
223	15.078	15.050	15.111	VV	53	1294	0.27%	0.174%
224	15.126	15.111	15.142	VV	33	435	0.09%	0.059%
225	15.158	15.142	15.170	VV	38	460	0.09%	0.062%
226	15.226	15.170	15.248	VV	77	2476	0.51%	0.334%
227	15.255	15.248	15.292	VV	59	1210	0.25%	0.163%
228	15.321	15.292	15.333	VV	42	784	0.16%	0.106%
229	15.365	15.333	15.373	VV	56	1094	0.23%	0.148%
230	15.403	15.373	15.427	VV	73	2054	0.42%	0.277%
231	15.433	15.427	15.443	VV	71	609	0.13%	0.082%
232	15.466	15.443	15.488	VV	73	1670	0.34%	0.225%
233	15.494	15.488	15.543	VV	54	1492	0.31%	0.201%
234	15.551	15.543	15.579	VV	43	639	0.13%	0.086%
235	15.590	15.579	15.604	VV	30	297	0.06%	0.040%
236	15.613	15.604	15.634	VV	36	361	0.07%	0.049%
237	15.665	15.634	15.682	VV	30	659	0.14%	0.089%
238	15.688	15.682	15.712	VV	37	390	0.08%	0.053%
239	15.721	15.712	15.734	VV	30	264	0.05%	0.036%
240	15.743	15.734	15.753	VV	21	162	0.03%	0.022%
241	15.763	15.753	15.774	VV	19	171	0.04%	0.023%
242	15.785	15.774	15.815	VV	24	423	0.09%	0.057%
243	15.834	15.815	15.851	VV	23	320	0.07%	0.043%
244	15.941	15.851	15.961	PV	62	2301	0.47%	0.310%
245	15.970	15.961	15.992	VV	67	974	0.20%	0.131%
246	16.002	15.992	16.014	VV	55	541	0.11%	0.073%

					rteres				
247	16.052	16.014	16.066	VV	56	965	0.20%	0.130%	
248	16.077	16.066	16.094	VV	39	381	0.08%	0.051%	
249	16.207	16.094	16.291	VV	101	6401	1.32%	0.863%	
250	16.300	16.291	16.313	VV	38	441	0.09%	0.059%	
251	16.329	16.313	16.347	VV	48	687	0.14%	0.093%	
252	16.362	16.347	16.368	VV	40	391	0.08%	0.053%	
253	16.395	16.368	16.434	VV	60	1615	0.33%	0.218%	
254	16.442	16.434	16.480	VV	31	673	0.14%	0.091%	
255	16.509	16.480	16.517	VV	35	534	0.11%	0.072%	
256	16.522	16.517	16.560	VV	33	477	0.10%	0.064%	
257	16.575	16.560	16.603	VV	27	327	0.07%	0.044%	
258	16.611	16.603	16.673	VV	9	244	0.05%	0.033%	
259	16.698	16.673	16.711	VV	24	251	0.05%	0.034%	
260	16.724	16.711	16.748	VV	21	235	0.05%	0.032%	
261	16.767	16.748	16.776	VV	27	195	0.04%	0.026%	
					Sum of corrected areas:	741640			

FB102824.M Mon Nov 18 03:19:05 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-2	SDG No.:	P4839
Lab Sample ID:	P4839-18	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.8
Sample Wt/Vol:	7.93	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
FB031213.D	1	11/15/24 14:40	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	34.0		6.00	33.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	25.3		50 - 150	126%	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\FB111524\
Data File : FB031213.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 14:40
Operator : YP/AJ
Sample : P4839-18
Misc : 7.93G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-2

Integration File: Calibration.e
Quant Time: Nov 18 02:30:22 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	8.801	696964	25.250 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

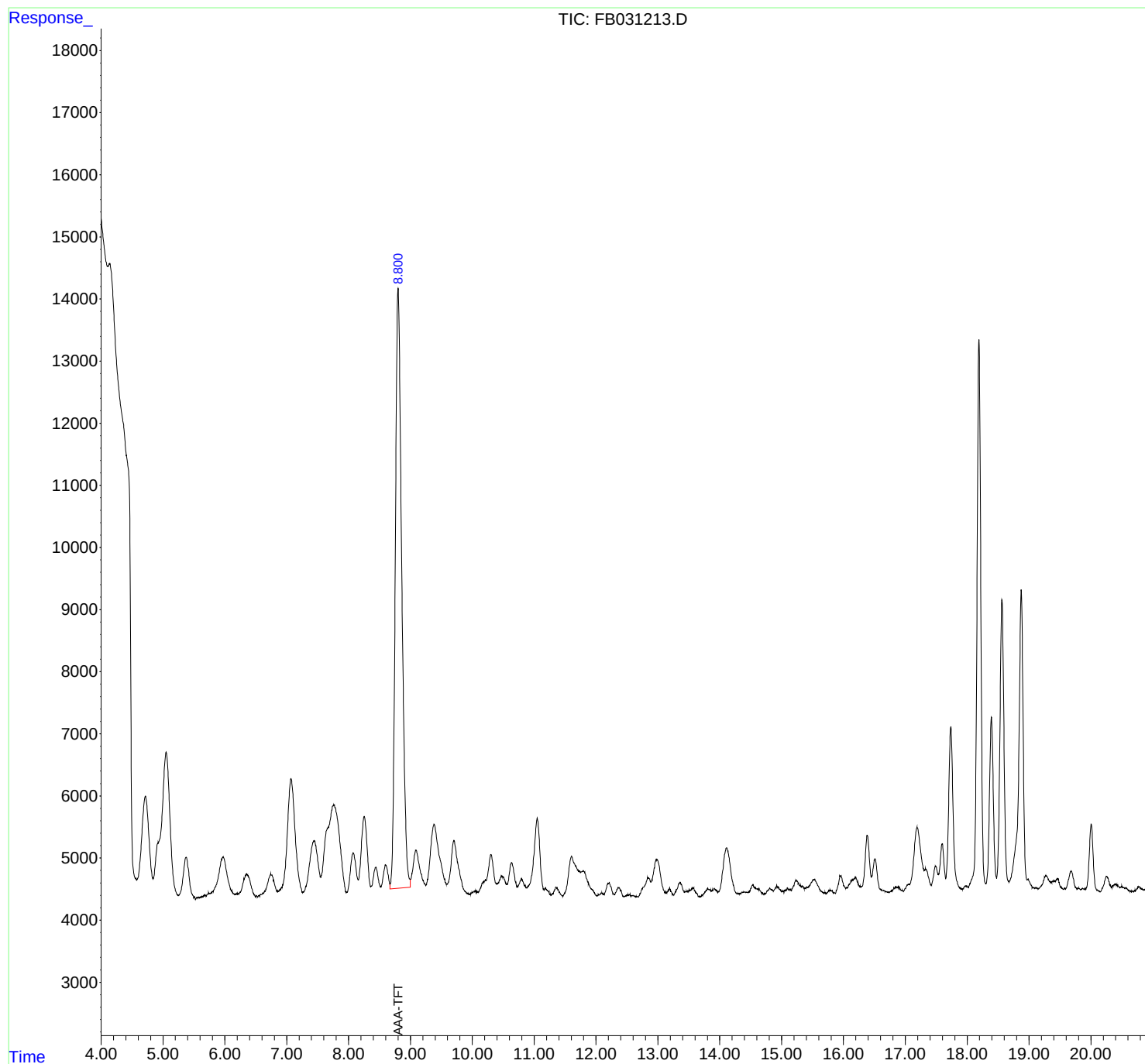
(m)=manual int.

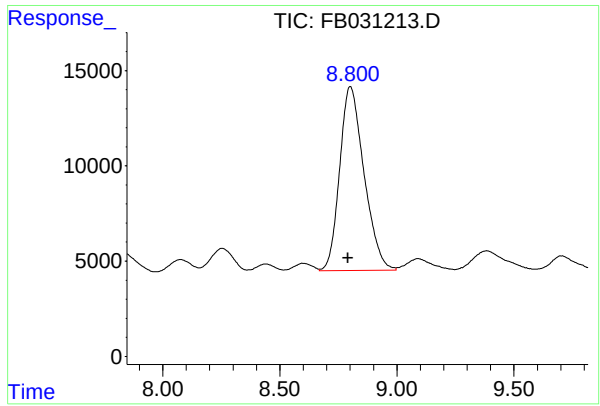
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031213.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 14:40
Operator : YP/AJ
Sample : P4839-18
Misc : 7.93G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-2

Integration File: Calibration.e
Quant Time: Nov 18 02:30:22 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.: 8.801 min

Delta R.T.: 0.011 min

Response: 696964

Conc: 25.25 ng/ml

Instrument :

FID_B

ClientSampleId :

EX-4-TPH-2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031213.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 14:40
 Sample : P4839-18
 Misc : 7.93G/5.00 ML DI WATER
 ALS Vial : 10 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	4.537	4.845	BV	1362	99442	13.63%	3.588%
2	5.545	5.526	5.554	PV	32	322	0.04%	0.012%
3	5.559	5.554	5.570	VV	31	257	0.04%	0.009%
4	5.582	5.570	5.593	VV	38	426	0.06%	0.015%
5	5.601	5.593	5.606	VV	34	259	0.04%	0.009%
6	5.673	5.606	5.697	VV	74	2670	0.37%	0.096%
7	5.738	5.697	5.766	VV	100	3419	0.47%	0.123%
8	5.804	5.766	5.811	VV	129	2943	0.40%	0.106%
9	5.972	5.811	6.165	VV	677	72435	9.93%	2.613%
10	6.172	6.165	6.184	VV	87	859	0.12%	0.031%
11	6.197	6.184	6.218	VV	100	1739	0.24%	0.063%
12	6.356	6.218	6.495	VV	408	37456	5.13%	1.351%
13	6.508	6.495	6.528	VV	58	916	0.13%	0.033%
14	6.558	6.528	6.564	VV	58	1041	0.14%	0.038%
15	6.589	6.564	6.596	VV	75	1289	0.18%	0.046%
16	6.615	6.596	6.625	VV	95	1450	0.20%	0.052%
17	7.071	6.856	7.266	VV	1930	183095	25.10%	6.605%
18	7.446	7.266	7.551	VV	939	93683	12.84%	3.380%
19	7.768	7.551	7.976	VV	1508	234018	32.08%	8.443%
20	8.076	7.976	8.158	VV	737	50303	6.90%	1.815%
21	8.254	8.158	8.359	VV	1324	92966	12.74%	3.354%
22	8.442	8.359	8.528	VV	502	33208	4.55%	1.198%
23	8.595	8.528	8.668	VV	542	32693	4.48%	1.179%
24	8.801	8.668	8.997	VV	9819	729524	100.00%	26.319%
25	9.090	8.997	9.249	VV	778	71889	9.85%	2.594%
26	9.384	9.249	9.599	VV	1193	133709	18.33%	4.824%
27	9.708	9.599	9.949	VV	924	85644	11.74%	3.090%
28	9.999	9.949	10.009	VV	95	2540	0.35%	0.092%
29	10.045	10.009	10.069	VV	120	3705	0.51%	0.134%
30	10.077	10.069	10.085	VV	107	956	0.13%	0.034%
31	10.096	10.085	10.103	VV	107	1076	0.15%	0.039%
32	10.302	10.103	10.397	VV	697	62103	8.51%	2.240%
33	10.405	10.397	10.412	VV	229	2153	0.30%	0.078%
34	10.470	10.412	10.558	VV	356	25418	3.48%	0.917%
35	10.636	10.558	10.722	VV	567	37072	5.08%	1.337%
36	10.731	10.722	10.735	VV	184	1462	0.20%	0.053%

					rteres			
37	10.797	10.735	10.892	VV	298	20969	2.87%	0.756%
38	11.050	10.892	11.161	VV	1282	94003	12.89%	3.391%
39	11.175	11.161	11.272	VV	147	7000	0.96%	0.253%
40	11.282	11.272	11.287	VV	48	360	0.05%	0.013%
41	11.354	11.287	11.464	VV	171	9862	1.35%	0.356%
42	11.603	11.464	11.732	VV	656	63292	8.68%	2.283%
43	11.737	11.732	11.749	VV	425	4183	0.57%	0.151%
44	11.797	11.749	12.014	VV	433	37601	5.15%	1.356%
45	12.040	12.014	12.050	VV	50	718	0.10%	0.026%
46	12.083	12.050	12.123	VV	71	2405	0.33%	0.087%
47	12.214	12.123	12.293	VV	237	14008	1.92%	0.505%
48	12.360	12.293	12.439	VV	156	8460	1.16%	0.305%
49	12.444	12.439	12.456	VV	21	143	0.02%	0.005%
50	12.512	12.456	12.520	VV	45	928	0.13%	0.033%
51	12.552	12.520	12.571	VV	48	988	0.14%	0.036%
52	12.586	12.571	12.595	VV	30	330	0.05%	0.012%
53	12.603	12.595	12.653	VV	27	576	0.08%	0.021%
54	12.665	12.653	12.681	VV	12	122	0.02%	0.004%
55	12.844	12.681	12.888	PV	316	22041	3.02%	0.795%
56	12.976	12.888	13.122	VV	613	51004	6.99%	1.840%
57	13.192	13.122	13.258	VV	141	6764	0.93%	0.244%
58	13.357	13.258	13.455	VV	235	15841	2.17%	0.571%
59	13.463	13.455	13.474	VV	94	978	0.13%	0.035%
60	13.508	13.474	13.524	VV	119	2867	0.39%	0.103%
61	13.580	13.524	13.686	VV	146	7548	1.03%	0.272%
62	13.808	13.686	13.868	PV	140	8168	1.12%	0.295%
63	13.879	13.868	13.888	VV	103	1143	0.16%	0.041%
64	13.910	13.888	13.968	VV	132	5036	0.69%	0.182%
65	13.979	13.968	13.988	VV	79	922	0.13%	0.033%
66	14.113	13.988	14.287	VV	780	67811	9.30%	2.446%
67	14.358	14.287	14.366	VV	59	1985	0.27%	0.072%
68	14.408	14.366	14.446	VV	66	2782	0.38%	0.100%
69	14.458	14.446	14.465	VV	56	583	0.08%	0.021%
70	14.541	14.465	14.626	VV	178	11378	1.56%	0.410%
71	14.638	14.626	14.715	VV	111	3222	0.44%	0.116%
72	14.725	14.715	14.738	VV	40	380	0.05%	0.014%
73	14.808	14.738	14.872	VV	117	6416	0.88%	0.231%
74	14.922	14.872	14.931	VV	161	4061	0.56%	0.147%
75	14.941	14.931	14.997	VV	134	4069	0.56%	0.147%
76	15.007	14.997	15.028	VV	69	1181	0.16%	0.043%
77	15.096	15.028	15.139	VV	111	5438	0.75%	0.196%
78	15.145	15.139	15.161	VV	94	1101	0.15%	0.040%
79	15.231	15.161	15.317	VV	237	15756	2.16%	0.568%
80	15.333	15.317	15.366	VV	140	3730	0.51%	0.135%
81	15.376	15.366	15.384	VV	110	1092	0.15%	0.039%
82	15.405	15.384	15.428	VV	121	2975	0.41%	0.107%
83	15.523	15.428	15.701	VV	246	21948	3.01%	0.792%
84	15.703	15.701	15.716	VV	29	128	0.02%	0.005%
85	15.785	15.716	15.808	PV	68	2253	0.31%	0.081%
86	15.817	15.808	15.871	VV	62	1056	0.14%	0.038%
87	15.958	15.871	16.057	VV	287	17301	2.37%	0.624%
88	16.194	16.057	16.284	VV	258	24224	3.32%	0.874%
89	16.385	16.284	16.453	VV	932	48279	6.62%	1.742%

					rteres			
90	16.511	16.453	16.729	VV	551	30340	4.16%	1.095%
Sum of corrected areas:						2771888		

FB102824.M Mon Nov 18 03:15:35 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-3	SDG No.:	P4839
Lab Sample ID:	P4839-19	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.2
Sample Wt/Vol:	6.75	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
FB031214.D	1	11/15/24 15:07	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	14.0	J	7.00	40.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.3		50 - 150	77%	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\FB111524\
Data File : FB031214.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 15:07
Operator : YP/AJ
Sample : P4839-19
Misc : 6.75G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-3

Integration File: Calibration.e
Quant Time: Nov 18 02:30:28 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	8.794	422844	15.319 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

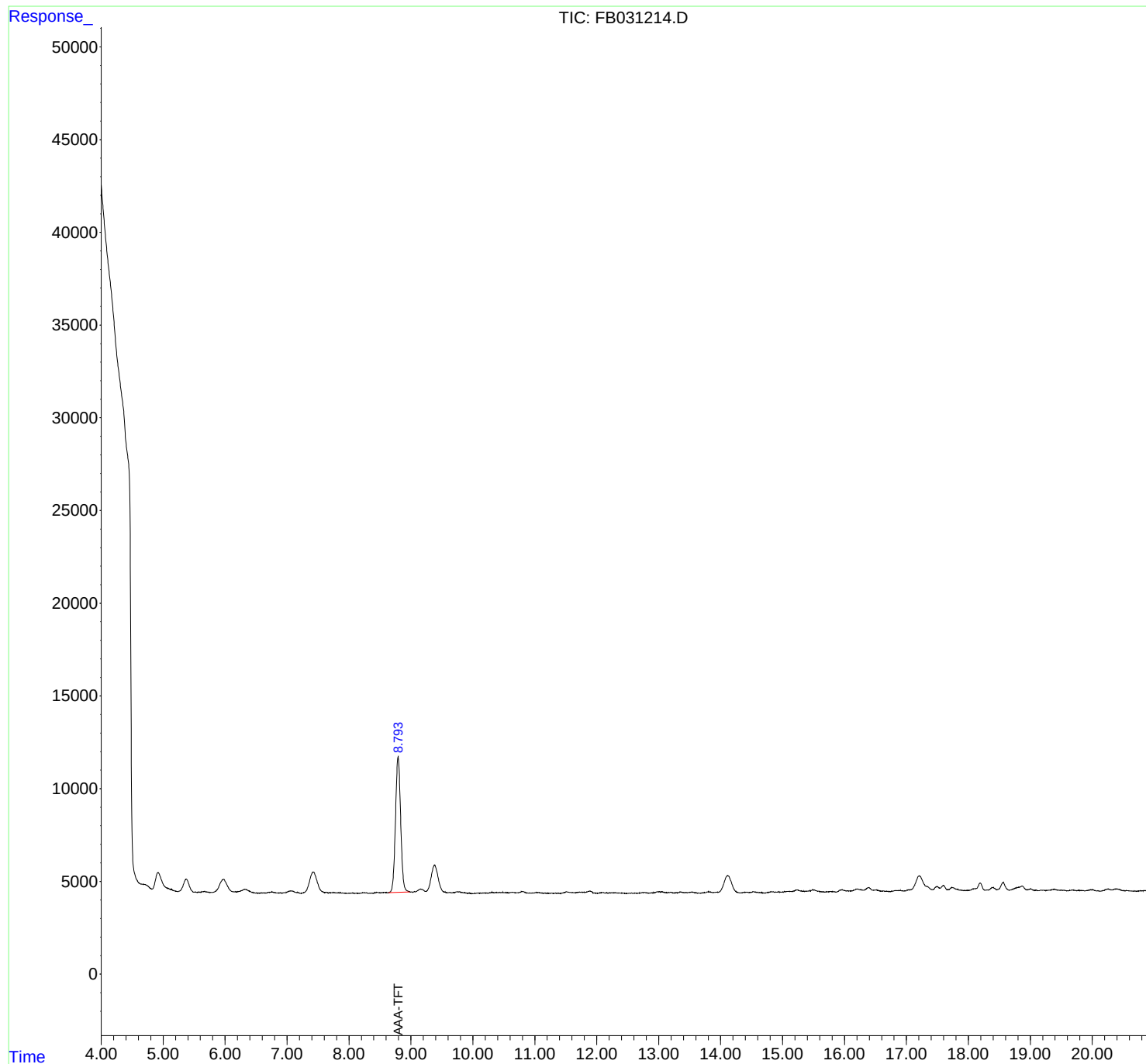
(m)=manual int.

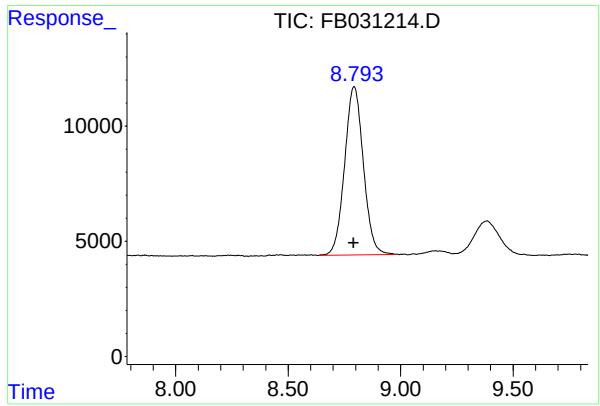
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031214.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 15:07
Operator : YP/AJ
Sample : P4839-19
Misc : 6.75G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-3

Integration File: Calibration.e
Quant Time: Nov 18 02:30:28 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.: 8.794 min
Delta R.T.: 0.003 min
Response: 422844
Conc: 15.32 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031214.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 15:07
 Sample : P4839-19
 Misc : 6.75G/5.00 ML DI WATER
 ALS Vial : 11 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	4.666	4.604	4.817	BV	25	3568	0.81%	0.311%
2	5.085	5.078	5.163	VV	137	4419	1.01%	0.385%
3	5.171	5.163	5.200	VV	45	632	0.14%	0.055%
4	5.211	5.200	5.238	VV	17	224	0.05%	0.020%
5	5.513	5.505	5.540	VV	24	278	0.06%	0.024%
6	5.573	5.540	5.584	PV	22	313	0.07%	0.027%
7	5.593	5.584	5.601	VV	21	158	0.04%	0.014%
8	5.654	5.601	5.662	VV	60	1367	0.31%	0.119%
9	5.671	5.662	5.696	VV	74	1049	0.24%	0.092%
10	5.707	5.696	5.759	VV	41	929	0.21%	0.081%
11	5.769	5.759	5.786	PV	21	235	0.05%	0.020%
12	5.979	5.786	6.135	VV	739	64983	14.84%	5.667%
13	6.147	6.135	6.158	VV	71	847	0.19%	0.074%
14	6.166	6.158	6.185	VV	71	998	0.23%	0.087%
15	6.320	6.185	6.431	VV	210	19052	4.35%	1.661%
16	6.440	6.431	6.471	VV	56	821	0.19%	0.072%
17	6.481	6.471	6.491	VV	29	194	0.04%	0.017%
18	6.510	6.491	6.534	VV	35	312	0.07%	0.027%
19	6.543	6.534	6.555	VV	14	83	0.02%	0.007%
20	6.593	6.555	6.622	PV	30	624	0.14%	0.054%
21	6.632	6.622	6.653	VV	34	372	0.08%	0.032%
22	6.707	6.653	6.717	VV	58	1419	0.32%	0.124%
23	6.751	6.717	6.794	VV	87	2881	0.66%	0.251%
24	6.802	6.794	6.827	VV	48	677	0.15%	0.059%
25	6.842	6.827	6.875	VV	29	574	0.13%	0.050%
26	6.894	6.875	6.925	VV	33	687	0.16%	0.060%
27	6.964	6.925	6.973	VV	44	944	0.22%	0.082%
28	7.064	6.973	7.080	VV	144	6258	1.43%	0.546%
29	7.088	7.080	7.156	VV	131	4011	0.92%	0.350%
30	7.165	7.156	7.226	VV	60	1146	0.26%	0.100%
31	7.431	7.226	7.617	PV	1156	102677	23.44%	8.954%
32	7.634	7.617	7.663	VV	70	1443	0.33%	0.126%
33	7.675	7.663	7.683	VV	45	425	0.10%	0.037%
34	7.693	7.683	7.701	VV	51	471	0.11%	0.041%
35	7.714	7.701	7.721	VV	48	505	0.12%	0.044%
36	7.742	7.721	7.759	VV	58	1093	0.25%	0.095%

					rteres				
37	7.767	7.759	7.780	VV	52	545	0.12%	0.048%	
38	7.790	7.780	7.808	VV	40	589	0.13%	0.051%	
39	7.816	7.808	7.823	VV	38	271	0.06%	0.024%	
40	7.834	7.823	7.849	VV	51	568	0.13%	0.050%	
41	7.865	7.849	7.885	VV	57	723	0.17%	0.063%	
42	7.894	7.885	7.986	VV	35	973	0.22%	0.085%	
43	7.998	7.986	8.007	VV	17	174	0.04%	0.015%	
44	8.020	8.007	8.033	VV	25	270	0.06%	0.024%	
45	8.073	8.033	8.095	VV	33	722	0.16%	0.063%	
46	8.116	8.095	8.175	VV	25	709	0.16%	0.062%	
47	8.244	8.175	8.266	VV	49	1811	0.41%	0.158%	
48	8.281	8.266	8.325	VV	47	896	0.20%	0.078%	
49	8.337	8.325	8.346	VV	22	185	0.04%	0.016%	
50	8.361	8.346	8.373	VV	24	308	0.07%	0.027%	
51	8.381	8.373	8.399	VV	25	277	0.06%	0.024%	
52	8.417	8.399	8.428	VV	62	688	0.16%	0.060%	
53	8.450	8.428	8.498	VV	71	2296	0.52%	0.200%	
54	8.522	8.498	8.534	VV	58	1086	0.25%	0.095%	
55	8.549	8.534	8.556	VV	63	692	0.16%	0.060%	
56	8.573	8.556	8.581	VV	66	902	0.21%	0.079%	
57	8.604	8.581	8.613	VV	71	1143	0.26%	0.100%	
58	8.621	8.613	8.632	VV	56	599	0.14%	0.052%	
59	8.794	8.632	8.996	VV	7373	437973	100.00%	38.193%	
60	9.016	8.996	9.031	VV	97	1877	0.43%	0.164%	
61	9.057	9.031	9.073	VV	117	2452	0.56%	0.214%	
62	9.157	9.073	9.169	VV	248	10496	2.40%	0.915%	
63	9.175	9.169	9.237	VV	247	7693	1.76%	0.671%	
64	9.385	9.237	9.541	VV	1548	126874	28.97%	11.064%	
65	9.551	9.541	9.590	VV	105	2104	0.48%	0.183%	
66	9.622	9.590	9.631	VV	69	1438	0.33%	0.125%	
67	9.637	9.631	9.663	VV	63	1057	0.24%	0.092%	
68	9.700	9.663	9.707	VV	74	1697	0.39%	0.148%	
69	9.750	9.707	9.764	VV	112	3225	0.74%	0.281%	
70	9.779	9.764	9.926	VV	107	6054	1.38%	0.528%	
71	9.934	9.926	9.945	VV	41	364	0.08%	0.032%	
72	9.953	9.945	9.977	VV	39	422	0.10%	0.037%	
73	9.989	9.977	10.001	PV	12	124	0.03%	0.011%	
74	10.006	10.001	10.014	VV	12	67	0.02%	0.006%	
75	10.027	10.014	10.039	VV	34	262	0.06%	0.023%	
76	10.091	10.039	10.114	VV	39	1295	0.30%	0.113%	
77	10.126	10.114	10.135	VV	45	418	0.10%	0.036%	
78	10.142	10.135	10.150	VV	39	301	0.07%	0.026%	
79	10.168	10.150	10.181	VV	50	696	0.16%	0.061%	
80	10.192	10.181	10.212	VV	47	785	0.18%	0.068%	
81	10.217	10.212	10.247	VV	49	760	0.17%	0.066%	
82	10.276	10.247	10.284	VV	51	969	0.22%	0.085%	
83	10.303	10.284	10.350	VV	79	2438	0.56%	0.213%	
84	10.387	10.350	10.402	VV	80	1932	0.44%	0.168%	
85	10.431	10.402	10.443	VV	80	1626	0.37%	0.142%	
86	10.465	10.443	10.473	VV	74	1141	0.26%	0.099%	
87	10.485	10.473	10.500	VV	76	1073	0.25%	0.094%	
88	10.519	10.500	10.536	VV	67	1250	0.29%	0.109%	
89	10.544	10.536	10.569	VV	63	1020	0.23%	0.089%	

					rteres			
90	10.636	10.569	10.659	VV	83	3526	0.81%	0.308%
91	10.671	10.659	10.696	VV	75	1349	0.31%	0.118%
92	10.706	10.696	10.714	VV	59	569	0.13%	0.050%
93	10.723	10.714	10.735	VV	56	694	0.16%	0.061%
94	10.802	10.735	10.865	VV	129	6832	1.56%	0.596%
95	10.881	10.865	10.904	VV	46	941	0.21%	0.082%
96	10.918	10.904	10.933	VV	45	622	0.14%	0.054%
97	10.941	10.933	10.948	VV	35	286	0.07%	0.025%
98	10.965	10.948	10.992	VV	48	1046	0.24%	0.091%
99	11.023	10.992	11.042	VV	75	1700	0.39%	0.148%
100	11.047	11.042	11.117	VV	66	2262	0.52%	0.197%
101	11.128	11.117	11.148	VV	45	515	0.12%	0.045%
102	11.160	11.148	11.187	VV	36	617	0.14%	0.054%
103	11.198	11.187	11.214	VV	27	325	0.07%	0.028%
104	11.235	11.214	11.245	VV	28	372	0.09%	0.032%
105	11.273	11.245	11.297	VV	33	697	0.16%	0.061%
106	11.336	11.297	11.349	VV	39	562	0.13%	0.049%
107	11.390	11.349	11.406	VV	31	560	0.13%	0.049%
108	11.508	11.406	11.535	PV	107	4196	0.96%	0.366%
109	11.543	11.535	11.564	VV	81	1310	0.30%	0.114%
110	11.574	11.564	11.591	VV	72	1031	0.24%	0.090%
111	11.602	11.591	11.640	VV	66	1653	0.38%	0.144%
112	11.705	11.640	11.713	VV	79	2751	0.63%	0.240%
113	11.722	11.713	11.747	VV	85	1601	0.37%	0.140%
114	11.762	11.747	11.791	VV	86	2074	0.47%	0.181%
115	11.800	11.791	11.816	VV	85	1058	0.24%	0.092%
116	11.891	11.816	11.955	VV	141	8037	1.84%	0.701%
117	11.962	11.955	11.992	VV	40	618	0.14%	0.054%
118	12.002	11.992	12.016	VV	25	263	0.06%	0.023%
119	12.100	12.016	12.134	VV	70	2730	0.62%	0.238%
120	12.163	12.134	12.180	VV	56	932	0.21%	0.081%
121	12.212	12.180	12.220	VV	42	689	0.16%	0.060%
122	12.232	12.220	12.241	VV	50	533	0.12%	0.046%
123	12.254	12.241	12.267	VV	44	600	0.14%	0.052%
124	12.305	12.267	12.330	VV	46	1413	0.32%	0.123%
125	12.345	12.330	12.353	VV	33	408	0.09%	0.036%
126	12.370	12.353	12.423	VV	34	1050	0.24%	0.092%
127	12.431	12.423	12.445	VV	25	207	0.05%	0.018%
128	12.452	12.445	12.472	VV	14	98	0.02%	0.009%
129	12.523	12.472	12.550	VV	23	466	0.11%	0.041%
130	12.561	12.550	12.578	VV	36	315	0.07%	0.027%
131	12.588	12.578	12.608	VV	20	202	0.05%	0.018%
132	12.617	12.608	12.659	VV	21	401	0.09%	0.035%
133	12.674	12.659	12.692	VV	23	334	0.08%	0.029%
134	12.698	12.692	12.704	VV	32	167	0.04%	0.015%
135	12.740	12.704	12.753	VV	61	1157	0.26%	0.101%
136	12.772	12.753	12.783	VV	55	878	0.20%	0.077%
137	12.787	12.783	12.851	VV	49	1248	0.29%	0.109%
138	12.890	12.851	12.901	VV	37	831	0.19%	0.072%
139	12.905	12.901	12.912	VV	37	189	0.04%	0.016%
140	13.002	12.912	13.037	VV	101	5314	1.21%	0.463%
141	13.044	13.037	13.074	VV	92	1901	0.43%	0.166%

					rteres			
142	13.082	13.074	13.121	VV	75	1530	0.35%	0.133%
143	13.129	13.121	13.140	VV	52	437	0.10%	0.038%
144	13.157	13.140	13.167	VV	64	728	0.17%	0.064%
145	13.196	13.167	13.252	VV	73	2343	0.54%	0.204%
146	13.258	13.252	13.269	VV	40	295	0.07%	0.026%
147	13.288	13.269	13.302	VV	51	716	0.16%	0.062%
148	13.310	13.302	13.318	VV	53	439	0.10%	0.038%
149	13.356	13.318	13.397	VV	84	2989	0.68%	0.261%
150	13.409	13.397	13.424	VV	58	725	0.17%	0.063%
151	13.436	13.424	13.444	VV	51	532	0.12%	0.046%
152	13.451	13.444	13.462	VV	55	441	0.10%	0.038%
153	13.500	13.462	13.508	VV	65	1338	0.31%	0.117%
154	13.529	13.508	13.540	VV	80	1275	0.29%	0.111%
155	13.550	13.540	13.591	VV	74	1611	0.37%	0.140%
156	13.601	13.591	13.625	VV	49	635	0.14%	0.055%
157	13.641	13.625	13.675	PV	25	342	0.08%	0.030%
158	13.739	13.675	13.747	VV	40	1110	0.25%	0.097%
159	13.790	13.747	13.828	VV	81	3161	0.72%	0.276%
160	13.835	13.828	13.876	VV	84	1659	0.38%	0.145%
161	13.928	13.876	13.948	VV	65	2228	0.51%	0.194%
162	13.954	13.948	13.963	VV	69	572	0.13%	0.050%
163	14.113	13.963	14.322	VV	954	84731	19.35%	7.389%
164	14.335	14.322	14.344	VV	33	300	0.07%	0.026%
165	14.375	14.344	14.387	VV	56	882	0.20%	0.077%
166	14.417	14.387	14.429	VV	58	1203	0.27%	0.105%
167	14.440	14.429	14.465	VV	55	900	0.21%	0.078%
168	14.471	14.465	14.483	VV	55	459	0.10%	0.040%
169	14.530	14.483	14.611	VV	80	4235	0.97%	0.369%
170	14.636	14.611	14.710	VV	37	1100	0.25%	0.096%
171	14.719	14.710	14.725	PV	17	80	0.02%	0.007%
172	14.771	14.725	14.782	VV	46	1015	0.23%	0.088%
173	14.813	14.782	14.826	VV	89	1607	0.37%	0.140%
174	14.855	14.826	14.873	VV	75	1710	0.39%	0.149%
175	14.892	14.873	14.909	VV	56	989	0.23%	0.086%
176	14.932	14.909	14.956	VV	62	1448	0.33%	0.126%
177	15.001	14.956	15.009	VV	59	1427	0.33%	0.124%
178	15.035	15.009	15.055	VV	78	1672	0.38%	0.146%
179	15.111	15.055	15.121	VV	86	3020	0.69%	0.263%
180	15.131	15.121	15.149	VV	78	1180	0.27%	0.103%
181	15.233	15.149	15.295	VV	154	10019	2.29%	0.874%
182	15.303	15.295	15.356	VV	100	2933	0.67%	0.256%
183	15.380	15.356	15.390	VV	87	1516	0.35%	0.132%
184	15.401	15.390	15.408	VV	80	865	0.20%	0.075%
185	15.437	15.408	15.454	VV	99	2414	0.55%	0.211%
186	15.487	15.454	15.635	VV	165	10143	2.32%	0.885%
187	15.647	15.635	15.688	VV	36	900	0.21%	0.078%
188	15.724	15.688	15.735	VV	37	805	0.18%	0.070%
189	15.740	15.735	15.748	VV	37	270	0.06%	0.024%
190	15.776	15.748	15.826	VV	51	1841	0.42%	0.161%
191	15.840	15.826	15.868	VV	41	580	0.13%	0.051%
192	15.961	15.868	16.040	VV	141	8812	2.01%	0.768%
193	16.052	16.040	16.061	VV	80	911	0.21%	0.079%
194	16.091	16.061	16.104	VV	74	1680	0.38%	0.146%

					rteres			
195	16.211	16.104	16.255	VV	170	10852	2.48%	0.946%
196	16.266	16.255	16.281	VV	139	1835	0.42%	0.160%
197	16.290	16.281	16.308	VV	109	1654	0.38%	0.144%
198	16.396	16.308	16.467	VV	236	14814	3.38%	1.292%
199	16.475	16.467	16.487	VV	103	1159	0.26%	0.101%
200	16.507	16.487	16.586	VV	108	4407	1.01%	0.384%
201	16.594	16.586	16.608	VV	44	440	0.10%	0.038%
202	16.635	16.608	16.689	VV	47	1407	0.32%	0.123%
203	16.699	16.689	16.712	VV	29	250	0.06%	0.022%
204	16.720	16.712	16.739	VV	8	63	0.01%	0.006%
				Sum of corrected areas:		1146746		

FB102824.M Mon Nov 18 03:15:59 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-4	SDG No.:	P4839
Lab Sample ID:	P4839-20	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.9
Sample Wt/Vol:	7.32	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
FB031215.D	1	11/15/24 15:34	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	46.0		6.00	37.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.4		50 - 150	102%	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\FB111524\
Data File : FB031215.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 15:34
Operator : YP/AJ
Sample : P4839-20
Misc : 7.32G/5.00 ML DI WATER
ALS Vial : 12 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 18 02:30:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.797	561812	20.353 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

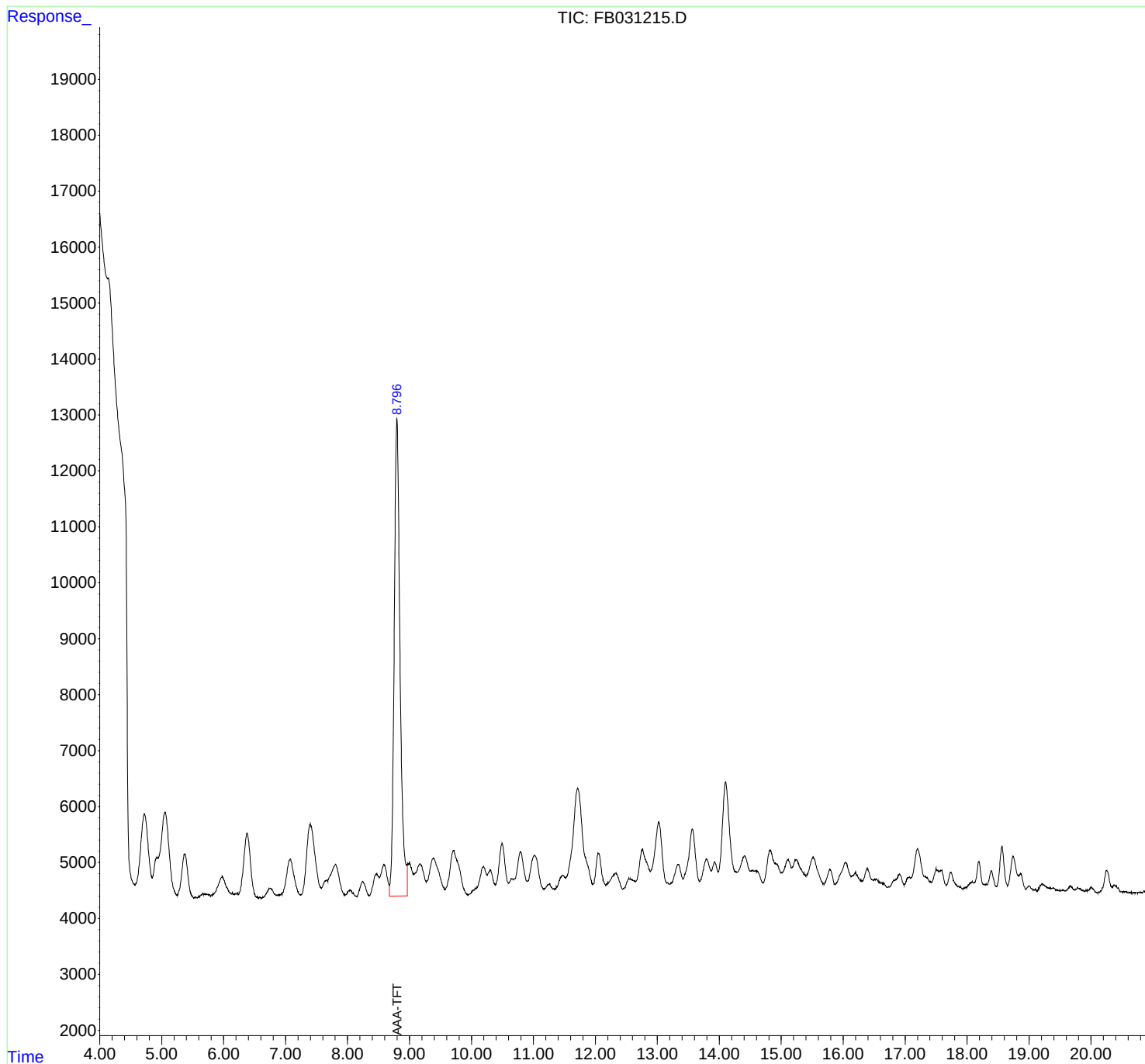
(m)=manual int.

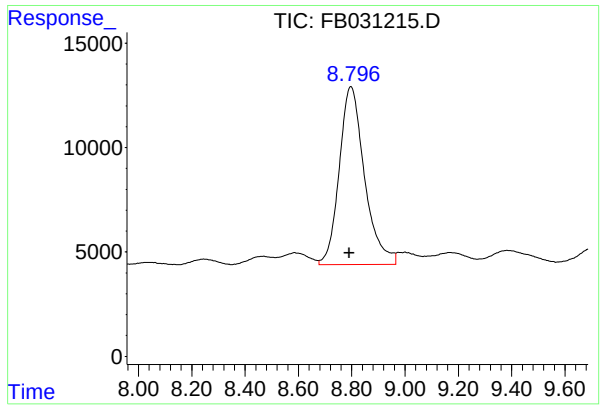
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031215.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 15:34
Operator : YP/AJ
Sample : P4839-20
Misc : 7.32G/5.00 ML DI WATER
ALS Vial : 12 Sample Multiplier: 1

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

Integration File: Calibration.e
Quant Time: Nov 18 02:30:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.797 min
Delta R.T.: 0.007 min
Response: 561812
Conc: 20.35 ng/ml

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

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031215.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 15:34
 Sample : P4839-20
 Misc : 7.32G/5.00 ML DI WATER
 ALS Vial : 12 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	4.850	BV	1279	103962	18.48%	3.345%
2	4.916	4.850	4.928	VV	575	19346	3.44%	0.622%
3	5.524	5.514	5.533	PV	15	107	0.02%	0.003%
4	5.546	5.533	5.562	VV	23	247	0.04%	0.008%
5	5.643	5.562	5.650	VV	64	1590	0.28%	0.051%
6	5.666	5.650	5.708	VV	91	2697	0.48%	0.087%
7	5.719	5.708	5.753	VV	82	1900	0.34%	0.061%
8	5.769	5.753	5.792	VV	70	1351	0.24%	0.043%
9	5.811	5.792	5.819	VV	65	882	0.16%	0.028%
10	5.832	5.819	5.841	VV	88	910	0.16%	0.029%
11	5.978	5.841	6.132	VV	397	37619	6.69%	1.210%
12	6.141	6.132	6.168	VV	96	1688	0.30%	0.054%
13	6.188	6.168	6.204	VV	85	1628	0.29%	0.052%
14	6.220	6.204	6.241	VV	101	1813	0.32%	0.058%
15	6.380	6.241	6.531	VV	1172	89823	15.97%	2.890%
16	6.544	6.531	6.563	VV	38	358	0.06%	0.012%
17	6.581	6.563	6.636	PV	26	438	0.08%	0.014%
18	6.751	6.636	6.850	VV	180	13159	2.34%	0.423%
19	6.856	6.850	6.867	VV	57	484	0.09%	0.016%
20	6.886	6.867	6.900	VV	68	1031	0.18%	0.033%
21	6.936	6.900	6.944	VV	85	1686	0.30%	0.054%
22	7.077	6.944	7.249	VV	695	60722	10.80%	1.954%
23	7.403	7.249	7.582	VV	1310	127759	22.71%	4.110%
24	7.672	7.582	7.682	VV	313	15471	2.75%	0.498%
25	7.808	7.682	7.969	VV	589	59039	10.50%	1.899%
26	8.042	7.969	8.155	VV	119	7348	1.31%	0.236%
27	8.244	8.155	8.351	VV	277	16870	3.00%	0.543%
28	8.469	8.351	8.515	VV	407	24956	4.44%	0.803%
29	8.586	8.515	8.676	VV	577	40621	7.22%	1.307%
30	8.798	8.676	8.965	VV	8531	562485	100.00%	18.096%
31	8.975	8.965	8.991	VV	584	8808	1.57%	0.283%
32	9.000	8.991	9.068	VV	602	23029	4.09%	0.741%
33	9.171	9.068	9.272	VV	575	54242	9.64%	1.745%
34	9.383	9.272	9.567	VV	673	74045	13.16%	2.382%
35	9.709	9.567	9.943	VV	800	85683	15.23%	2.757%
36	10.067	9.943	10.078	PV	121	4843	0.86%	0.156%

					rteres			
37	10.197	10.078	10.251	VV	512	35626	6.33%	1.146%
38	10.301	10.251	10.387	VV	442	27620	4.91%	0.889%
39	10.497	10.387	10.597	VV	917	65290	11.61%	2.101%
40	10.641	10.597	10.661	VV	282	9380	1.67%	0.302%
41	10.669	10.661	10.675	VV	275	2178	0.39%	0.070%
42	10.791	10.675	10.905	VV	762	63322	11.26%	2.037%
43	11.023	10.905	11.172	VV	692	65201	11.59%	2.098%
44	11.266	11.172	11.315	VV	179	10946	1.95%	0.352%
45	11.328	11.315	11.342	VV	92	1352	0.24%	0.043%
46	11.351	11.342	11.365	VV	93	1165	0.21%	0.037%
47	11.473	11.365	11.523	VV	326	23187	4.12%	0.746%
48	11.715	11.523	11.959	VV	1878	229757	40.85%	7.392%
49	12.055	11.959	12.165	VV	708	48446	8.61%	1.559%
50	12.200	12.165	12.211	VV	185	4230	0.75%	0.136%
51	12.298	12.211	12.305	VV	329	14171	2.52%	0.456%
52	12.326	12.305	12.439	VV	346	18542	3.30%	0.597%
53	12.539	12.439	12.551	VV	248	9422	1.68%	0.303%
54	12.560	12.551	12.651	VV	244	12815	2.28%	0.412%
55	12.764	12.651	12.886	VV	767	70613	12.55%	2.272%
56	13.023	12.886	13.152	VV	1249	109448	19.46%	3.521%
57	13.162	13.152	13.201	VV	161	4222	0.75%	0.136%
58	13.330	13.201	13.337	VV	479	22902	4.07%	0.737%
59	13.345	13.337	13.415	VV	484	16664	2.96%	0.536%
60	13.564	13.415	13.686	VV	1110	93785	16.67%	3.017%
61	13.790	13.686	13.870	VV	574	44814	7.97%	1.442%
62	13.926	13.870	13.981	VV	516	28516	5.07%	0.917%
63	14.102	13.981	14.283	VV	1943	173078	30.77%	5.568%
64	14.408	14.283	14.499	VV	613	59667	10.61%	1.920%
65	14.545	14.499	14.576	VV	353	15902	2.83%	0.512%
66	14.592	14.576	14.708	VV	344	20329	3.61%	0.654%
67	14.822	14.708	15.016	VV	713	81479	14.49%	2.621%
68	15.108	15.016	15.172	VV	524	40143	7.14%	1.291%
69	15.245	15.172	15.398	VV	528	53573	9.52%	1.724%
70	15.513	15.398	15.698	VV	572	58699	10.44%	1.888%
71	15.786	15.698	15.868	VV	348	21601	3.84%	0.695%
72	16.035	15.868	16.133	VV	460	44146	7.85%	1.420%
73	16.199	16.133	16.313	VV	277	21604	3.84%	0.695%
74	16.386	16.313	16.492	VV	355	23662	4.21%	0.761%
75	16.535	16.492	16.714	VV	156	12140	2.16%	0.391%

Sum of corrected areas: 3108277

FB102824.M Mon Nov 18 03:16:19 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-5	SDG No.:	P4839
Lab Sample ID:	P4839-21	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.8
Sample Wt/Vol:	6.76	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
FB031226.D	250	11/15/24 21:49	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	32800		1680	9810	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\FB111524\
Data File : FB031226.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 21:49
Operator : YP/AJ
Sample : P4839-21 250X
Misc : 6.76G/5.00 ML MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-5

Integration File: Calibration.e
Quant Time: Nov 18 02:31:38 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	8.801	760197	27.541 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

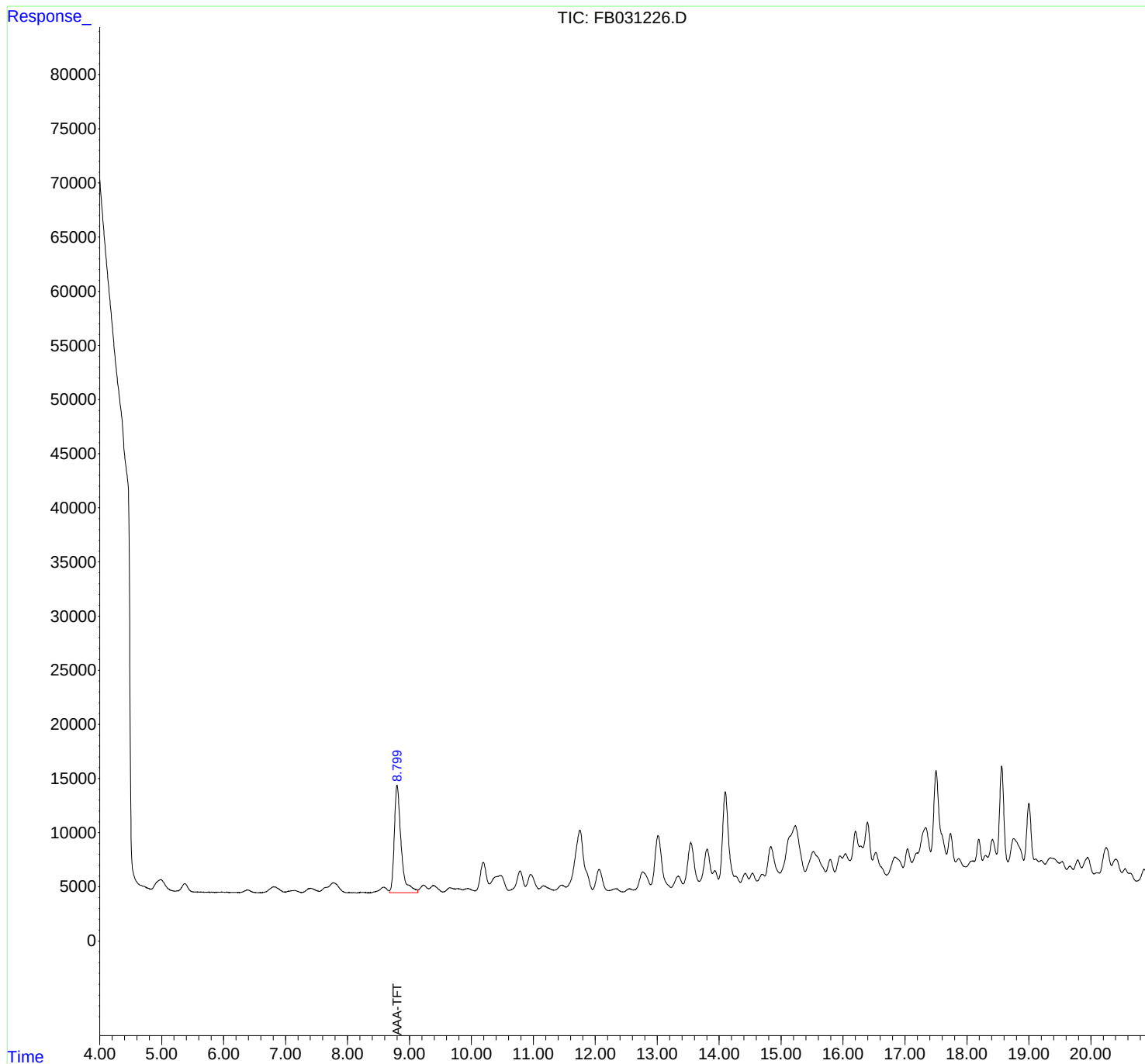
(m)=manual int.

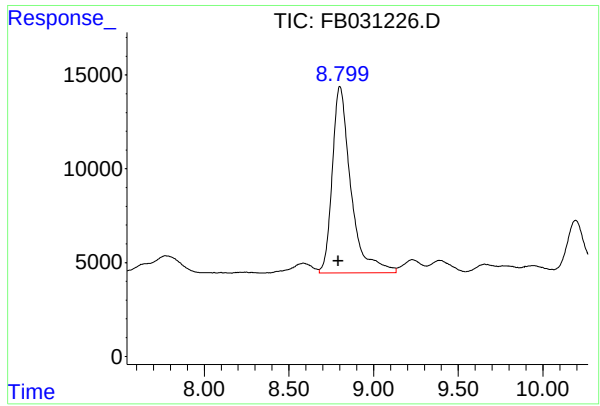
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031226.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 21:49
Operator : YP/AJ
Sample : P4839-21 250X
Misc : 6.76G/5.00 ML MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-5

Integration File: Calibration.e
Quant Time: Nov 18 02:31:38 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.: 8.801 min
Delta R.T.: 0.010 min
Response: 760197
Conc: 27.54 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031226.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 21:49
Sample : P4839-21 250X
Misc : 6.76G/5.00 ML ME0H
ALS Vial : 26 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	4.987	4.804	5.220	BV	949	93525	12.27%	1.237%
2	5.533	5.523	5.544	PV	17	135	0.02%	0.002%
3	5.589	5.544	5.619	VV	27	517	0.07%	0.007%
4	5.639	5.619	5.654	PV	25	307	0.04%	0.004%
5	5.672	5.654	5.684	VV	28	230	0.03%	0.003%
6	5.740	5.725	5.747	VV	19	161	0.02%	0.002%
7	5.759	5.747	5.793	VV	37	506	0.07%	0.007%
8	5.808	5.793	5.822	PV	30	293	0.04%	0.004%
9	5.838	5.822	5.916	VV	21	1109	0.15%	0.015%
10	5.976	5.916	5.997	VV	41	1582	0.21%	0.021%
11	6.008	5.997	6.025	VV	33	448	0.06%	0.006%
12	6.054	6.025	6.102	VV	46	983	0.13%	0.013%
13	6.112	6.102	6.126	VV	22	194	0.03%	0.003%
14	6.146	6.126	6.168	VV	22	419	0.05%	0.006%
15	6.216	6.168	6.230	VV	31	679	0.09%	0.009%
16	6.241	6.230	6.249	VV	20	169	0.02%	0.002%
17	6.379	6.249	6.388	VV	259	9565	1.26%	0.126%
18	6.395	6.388	6.514	VV	255	9248	1.21%	0.122%
19	6.521	6.514	6.574	VV	24	321	0.04%	0.004%
20	6.592	6.574	6.613	PV	27	346	0.05%	0.005%
21	6.803	6.613	6.811	VV	557	27971	3.67%	0.370%
22	6.820	6.811	6.832	VV	548	6728	0.88%	0.089%
23	6.839	6.832	7.000	VV	553	27216	3.57%	0.360%
24	7.048	7.000	7.056	VV	162	3829	0.50%	0.051%
25	7.142	7.056	7.272	VV	230	19171	2.52%	0.254%
26	7.383	7.272	7.390	VV	410	15365	2.02%	0.203%
27	7.406	7.390	7.545	VV	417	26999	3.54%	0.357%
28	7.771	7.545	7.981	VV	934	124915	16.39%	1.652%
29	7.989	7.981	8.001	VV	28	302	0.04%	0.004%
30	8.029	8.001	8.049	VV	34	695	0.09%	0.009%
31	8.058	8.049	8.077	VV	35	342	0.04%	0.005%
32	8.100	8.077	8.116	VV	40	548	0.07%	0.007%
33	8.126	8.116	8.150	VV	27	300	0.04%	0.004%
34	8.158	8.150	8.165	VV	10	48	0.01%	0.001%
35	8.212	8.165	8.243	PV	55	1645	0.22%	0.022%
36	8.251	8.243	8.323	VV	52	1492	0.20%	0.020%

					rteres			
37	8.371	8.323	8.382	VV	27	309	0.04%	0.004%
38	8.587	8.382	8.678	VV	524	45746	6.00%	0.605%
39	8.801	8.678	9.133	VV	9941	762000	100.00%	10.077%
40	9.229	9.133	9.316	VV	702	53337	7.00%	0.705%
41	9.390	9.316	9.541	VV	656	54577	7.16%	0.722%
42	9.656	9.541	9.737	VV	461	35047	4.60%	0.463%
43	9.761	9.737	9.770	VV	365	6854	0.90%	0.091%
44	9.781	9.770	9.870	VV	359	18775	2.46%	0.248%
45	9.919	9.870	9.925	VV	359	10265	1.35%	0.136%
46	9.937	9.925	10.048	VV	375	20782	2.73%	0.275%
47	10.056	10.048	10.067	VV	172	1788	0.23%	0.024%
48	10.194	10.067	10.291	VV	2782	195127	25.61%	2.581%
49	10.394	10.291	10.401	VV	1441	75835	9.95%	1.003%
50	10.466	10.401	10.612	VV	1571	133277	17.49%	1.763%
51	10.788	10.612	10.872	VV	1984	145825	19.14%	1.929%
52	10.960	10.872	11.091	VV	1646	131205	17.22%	1.735%
53	11.164	11.091	11.343	VV	609	59746	7.84%	0.790%
54	11.462	11.343	11.529	VV	640	51762	6.79%	0.685%
55	11.753	11.529	11.958	VV	5728	619074	81.24%	8.187%
56	12.064	11.958	12.220	VV	2089	150407	19.74%	1.989%
57	12.333	12.220	12.455	VV	302	24383	3.20%	0.322%
58	12.553	12.455	12.617	PV	265	15333	2.01%	0.203%
59	12.769	12.617	12.897	VV	1747	158994	20.87%	2.103%
60	13.014	12.897	13.227	VV	5005	394433	51.76%	5.216%
61	13.341	13.227	13.417	VV	1137	79190	10.39%	1.047%
62	13.543	13.417	13.679	VV	4158	313545	41.15%	4.147%
63	13.806	13.679	13.891	VV	3466	247966	32.54%	3.279%
64	13.932	13.891	13.991	VV	1429	69058	9.06%	0.913%
65	14.100	13.991	14.250	VV	8637	592202	77.72%	7.832%
66	14.268	14.250	14.344	VV	795	31848	4.18%	0.421%
67	14.419	14.344	14.482	VV	1003	55096	7.23%	0.729%
68	14.538	14.482	14.617	VV	979	50847	6.67%	0.672%
69	14.697	14.617	14.738	VV	816	43553	5.72%	0.576%
70	14.835	14.738	14.979	VV	3320	270254	35.47%	3.574%
71	15.230	14.979	15.389	VV	5103	734230	96.36%	9.710%
72	15.521	15.389	15.720	VV	2616	337505	44.29%	4.463%
73	15.795	15.720	15.868	VV	1775	106337	13.95%	1.406%
74	15.953	15.868	15.990	VV	2059	110433	14.49%	1.460%
75	16.038	15.990	16.113	VV	2221	141862	18.62%	1.876%
76	16.202	16.113	16.267	VV	4241	276608	36.30%	3.658%
77	16.285	16.267	16.326	VV	2837	98718	12.96%	1.306%
78	16.396	16.326	16.476	VV	4980	306843	40.27%	4.058%
79	16.529	16.476	16.705	VV	2164	152263	19.98%	2.014%
Sum of corrected areas:					7561543			

FB102824.M Mon Nov 18 03:18:25 2024

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-6	SDG No.:	P4839
Lab Sample ID:	P4839-22	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.5
Sample Wt/Vol:	7.12	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
FB031198.D	50	11/15/24 5:12	FB111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	2320		303	1770	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.7		50 - 150	84%	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\FB111424\
Data File : FB031198.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 5:12
Operator : YP/AJ
Sample : P4839-22 50X
Misc : 7.12G/5.00 ML MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-6

Integration File: Calibration.e
Quant Time: Nov 15 04:09:08 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	8.789	461929	16.735 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

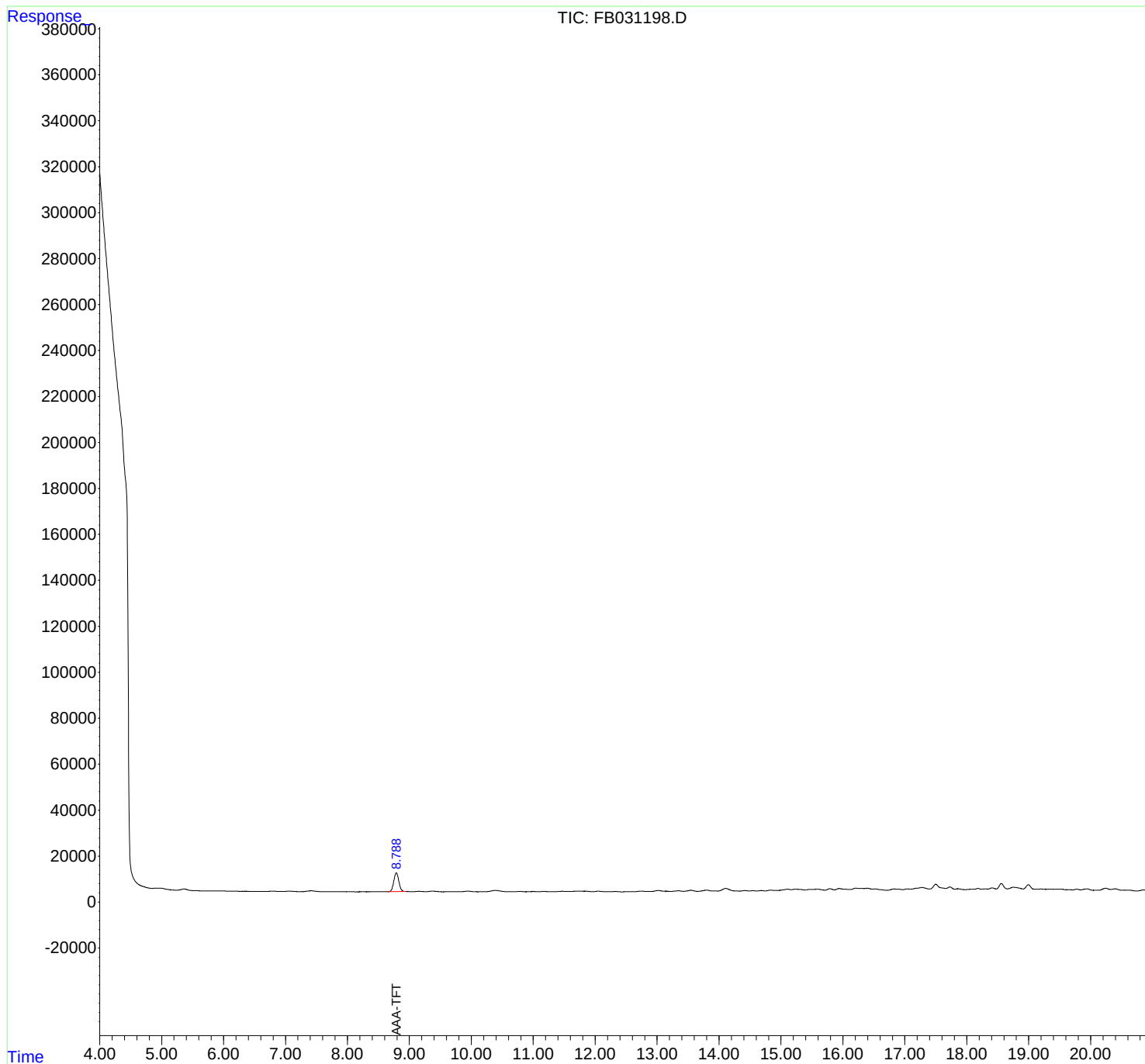
(m)=manual int.

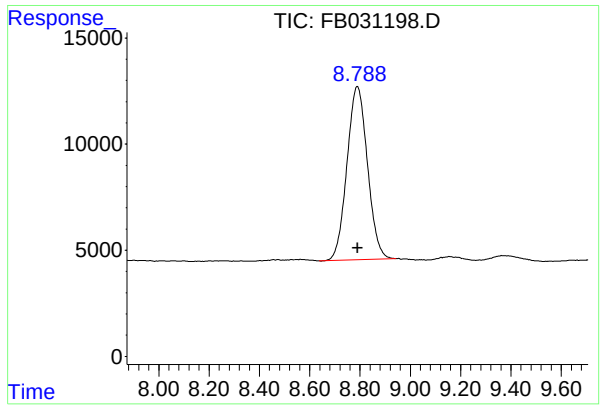
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031198.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 5:12
Operator : YP/AJ
Sample : P4839-22 50X
Misc : 7.12G/5.00 ML MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-6

Integration File: Calibration.e
Quant Time: Nov 15 04:09:08 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.: 8.789 min
Delta R.T.: -0.001 min
Response: 461929
Conc: 16.73 ng/ml

Instrument :
FID_B
ClientSampleId :
EX-4-TPH-6



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ENTA05
 ProjectID: North Point
 Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839

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.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031169.D Analyst Name: YP/AJ Analyst Date: 11-14-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8446475	46925	45252	3.697

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
 Data File : FB031169.D
 Signal(s) : FID2B.CH
 Acq On : 14 Nov 2024 14:06
 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 15 03:08:53 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	8.785	531637	19.260 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.715	1013580	25.808 ng/ml
2) t 2,2,4-Trimethylpentane	7.414	1466925	31.320 ng/ml
3) t n-Heptane	7.746	432715	9.548 ng/ml
4) t Benzene	7.884	550720	10.303 ng/ml
6) t Toluene	10.613	1544881	30.937 ng/ml
7) t Ethylbenzene	13.050	507971	11.348 ng/ml
8) t m-Xylene	13.183	1082962	22.266 ng/ml
9) t O-Xylene	13.912	931538	20.436 ng/ml
10) t 1,2,4-Trimethylbenzene	16.188	915183	24.596 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031180.D Analyst Name: YP/AJ Analyst Date: 11-14-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7254599	40303	45252	10.937
180	7254599	40303	45252	10.937

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
 Data File : FB031180.D
 Signal(s) : FID2B.CH
 Acq On : 14 Nov 2024 20:20
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 15 03:10:10 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	8.791	539993	19.563 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	1063714	27.084 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1300661	27.770 ng/ml
3) t n-Heptane	7.753	398146	8.785 ng/ml
4) t Benzene	7.891	492603	9.215 ng/ml
6) t Toluene	10.620	1354249	27.119 ng/ml
7) t Ethylbenzene	13.056	394772	8.819 ng/ml
8) t m-Xylene	13.190	841837	17.308 ng/ml
9) t O-Xylene	13.917	785274	17.227 ng/ml
10) t 1,2,4-Trimethylbenzene	16.193	623343	16.753 ng/ml

(f)=RT Delta > 1/2 Window

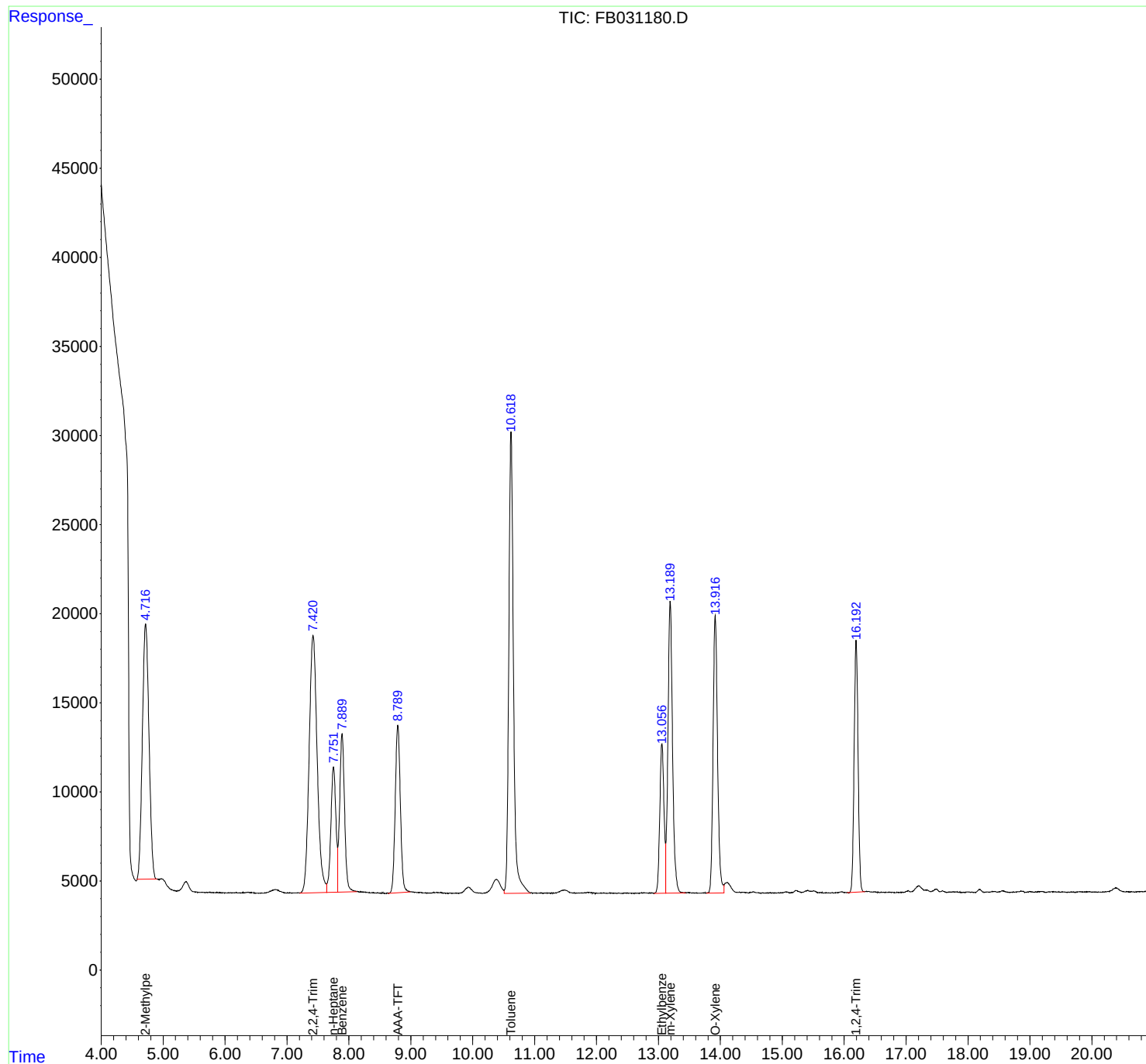
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031180.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 20:20
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 15 03:10:10 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



GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031191.D Analyst Name: YP/AJ Analyst Date: 11-15-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7082736	39349	45252	13.045

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
 Data File : FB031191.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 1:13
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 15 03:11:25 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	8.791	477640	17.304 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	1024536	26.087 ng/ml
2) t 2,2,4-Trimethylpentane	7.421	1272376	27.166 ng/ml
3) t n-Heptane	7.753	383098	8.453 ng/ml
4) t Benzene	7.891	485540	9.083 ng/ml
6) t Toluene	10.620	1321433	26.462 ng/ml
7) t Ethylbenzene	13.057	392950	8.779 ng/ml
8) t m-Xylene	13.190	821082	16.881 ng/ml
9) t O-Xylene	13.918	764160	16.764 ng/ml
10) t 1,2,4-Trimethylbenzene	16.194	617561	16.597 ng/ml

(f)=RT Delta > 1/2 Window

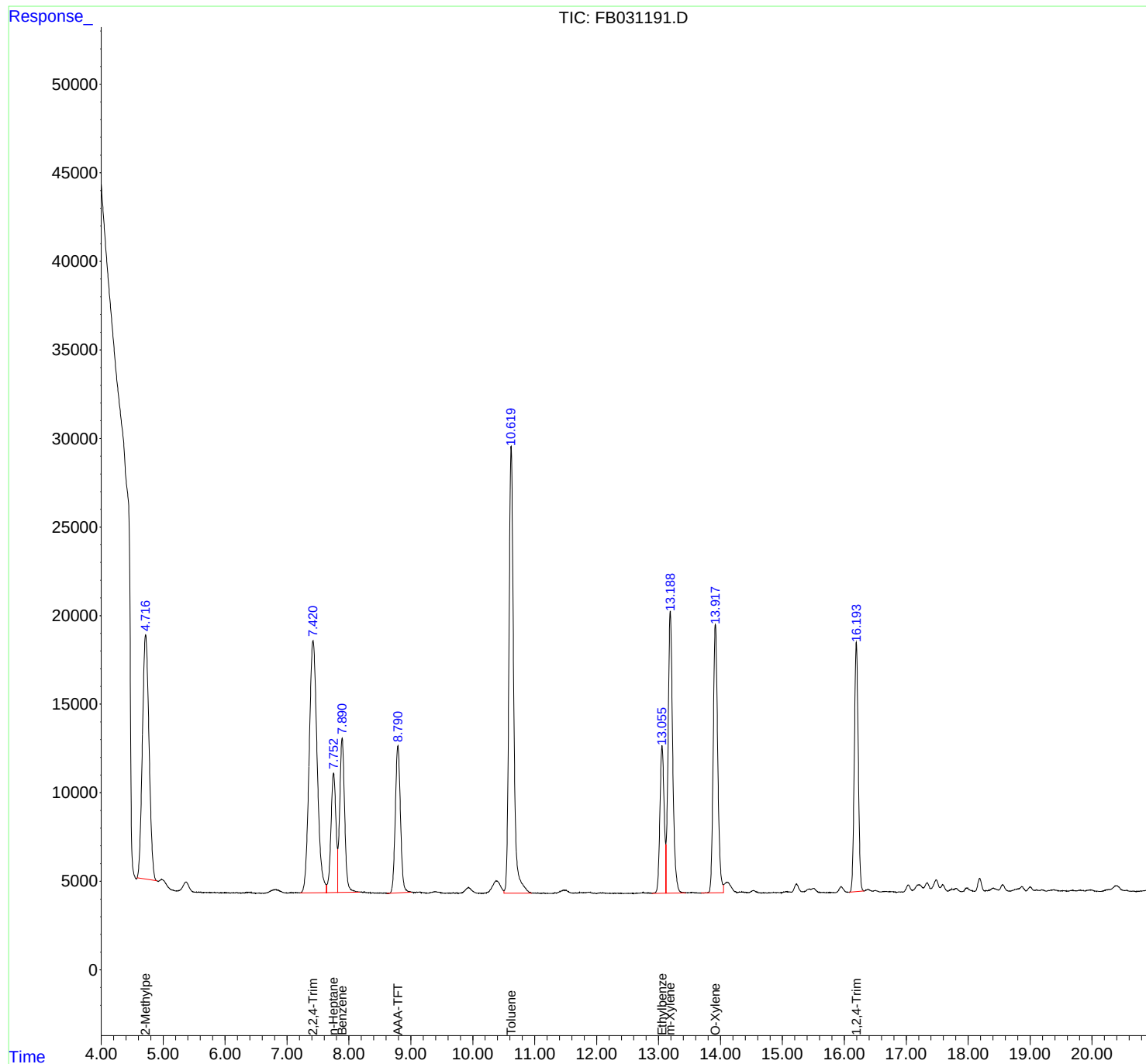
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031191.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 1:13
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 15 03:11:25 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



GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031199.D Analyst Name: YP/AJ Analyst Date: 11-15-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6686648	37148	45252	17.909

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
 Data File : FB031199.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 5:38
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 18 07:57:56 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	8.791	500461	18.131 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	972436	24.760 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1197918	25.577 ng/ml
3) t n-Heptane	7.752	357037	7.878 ng/ml
4) t Benzene	7.890	455946	8.530 ng/ml
6) t Toluene	10.619	1262180	25.276 ng/ml
7) t Ethylbenzene	13.056	365361	8.162 ng/ml
8) t m-Xylene	13.190	780329	16.043 ng/ml
9) t O-Xylene	13.918	728361	15.979 ng/ml
10) t 1,2,4-Trimethylbenzene	16.194	567080	15.241 ng/ml

(f)=RT Delta > 1/2 Window

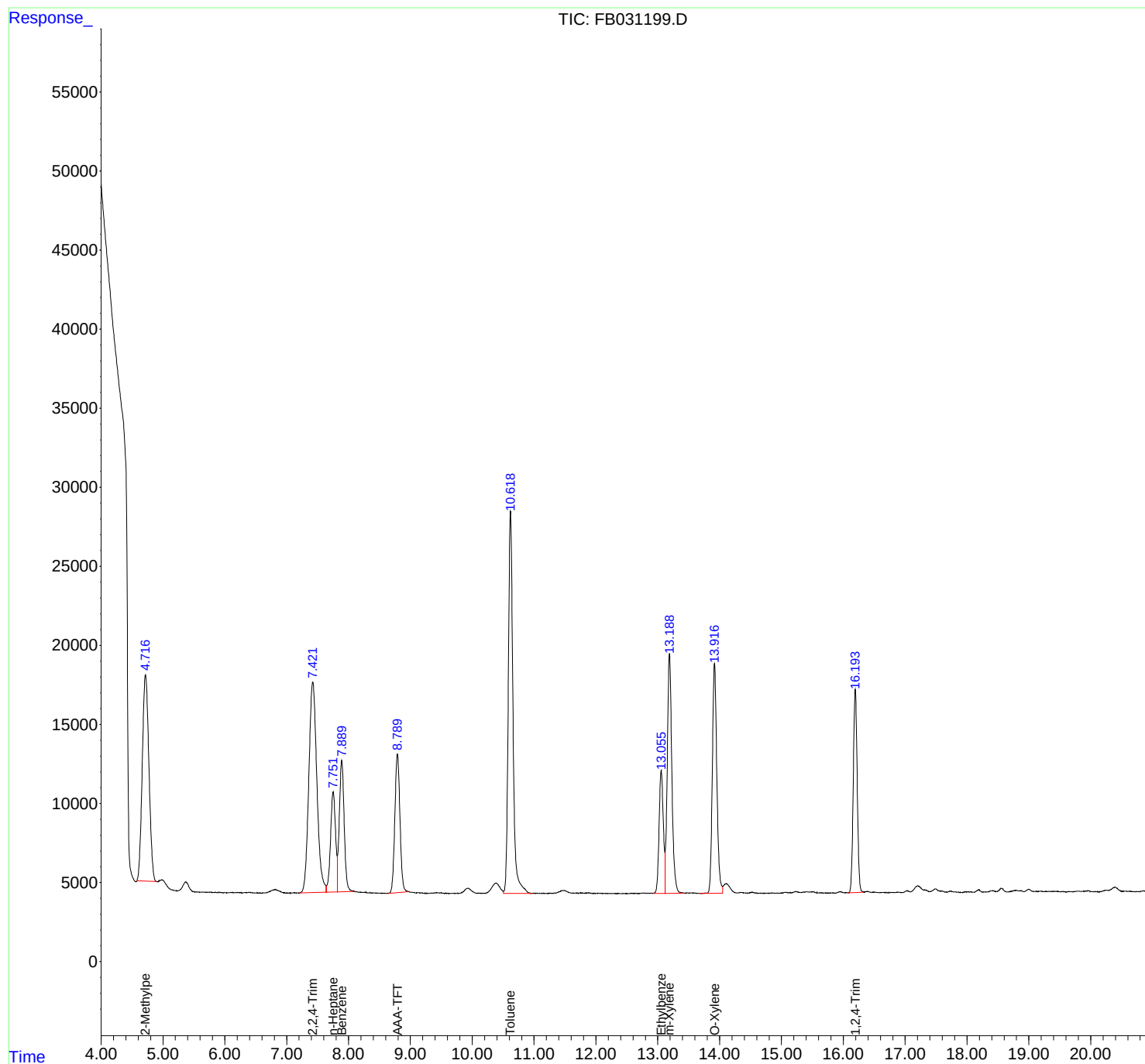
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031199.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 5:38
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 18 07:57:56 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



GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031200.D Analyst Name: YP/AJ Analyst Date: 11-15-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6884156	38245	45252	15.484

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031200.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 6:32
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 18 02:29:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.791	460849	16.696 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	980697	24.970 ng/ml
2) t 2,2,4-Trimethylpentane	7.421	1232050	26.305 ng/ml
3) t n-Heptane	7.752	361968	7.987 ng/ml
4) t Benzene	7.891	473861	8.865 ng/ml
6) t Toluene	10.619	1304855	26.130 ng/ml
7) t Ethylbenzene	13.056	377885	8.442 ng/ml
8) t m-Xylene	13.189	802715	16.504 ng/ml
9) t O-Xylene	13.917	755301	16.570 ng/ml
10) t 1,2,4-Trimethylbenzene	16.194	594824	15.986 ng/ml

(f)=RT Delta > 1/2 Window

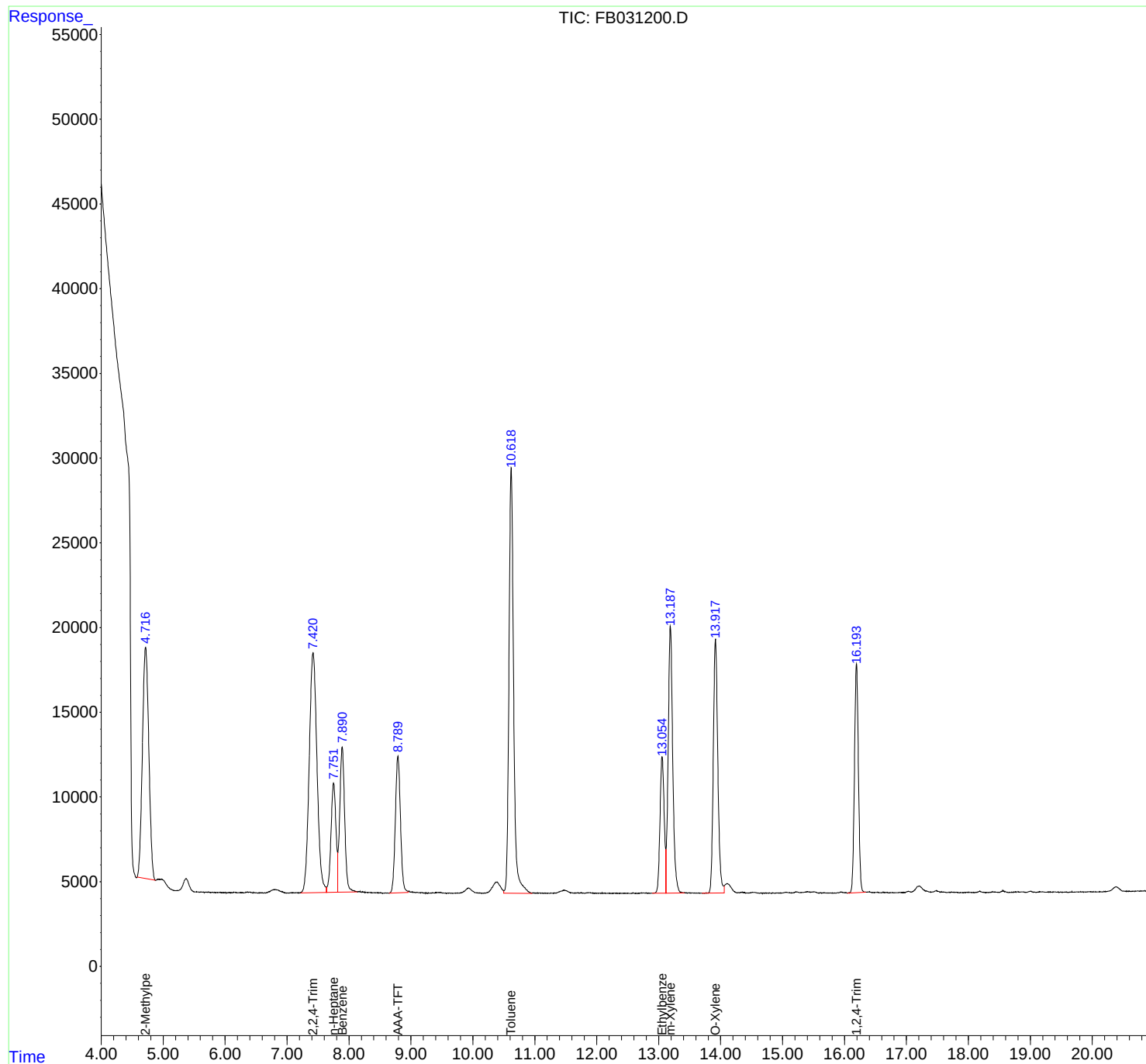
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031200.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 6:32
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 18 02:29:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031200.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 6:32
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.582	4.878	BV	13654	980697	75.16%	13.352%
2	7.421	7.221	7.635	VV	14158	1232050	94.42%	16.774%
3	7.752	7.635	7.820	VV	6443	361968	27.74%	4.928%
4	7.891	7.820	8.131	VV	8561	473861	36.32%	6.451%
5	8.791	8.647	8.955	PV	8065	460849	35.32%	6.274%
6	10.619	10.500	10.956	VV	25118	1304855	100.00%	17.765%
7	13.056	12.895	13.117	PV	8055	377885	28.96%	5.145%
8	13.189	13.117	13.416	VV	15738	802715	61.52%	10.929%
9	13.917	13.697	14.059	BV	14991	755301	57.88%	10.283%
10	16.194	16.043	16.344	PV	13485	594824	45.59%	8.098%

Sum of corrected areas: 7345005

FB102824.M Mon Nov 18 03:06:39 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031211.D Analyst Name: YP/AJ Analyst Date: 11-15-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7848419	43602	45252	3.646

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031211.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 13:36
 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 18 02:30:10 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	8.794	501134	18.155 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	1124928	28.643 ng/ml
2) t 2,2,4-Trimethylpentane	7.423	1397035	29.828 ng/ml
3) t n-Heptane	7.755	429985	9.488 ng/ml
4) t Benzene	7.893	538525	10.074 ng/ml
6) t Toluene	10.622	1467206	29.381 ng/ml
7) t Ethylbenzene	13.059	433126	9.676 ng/ml
8) t m-Xylene	13.193	918788	18.890 ng/ml
9) t O-Xylene	13.921	860829	18.885 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	677997	18.221 ng/ml

(f)=RT Delta > 1/2 Window

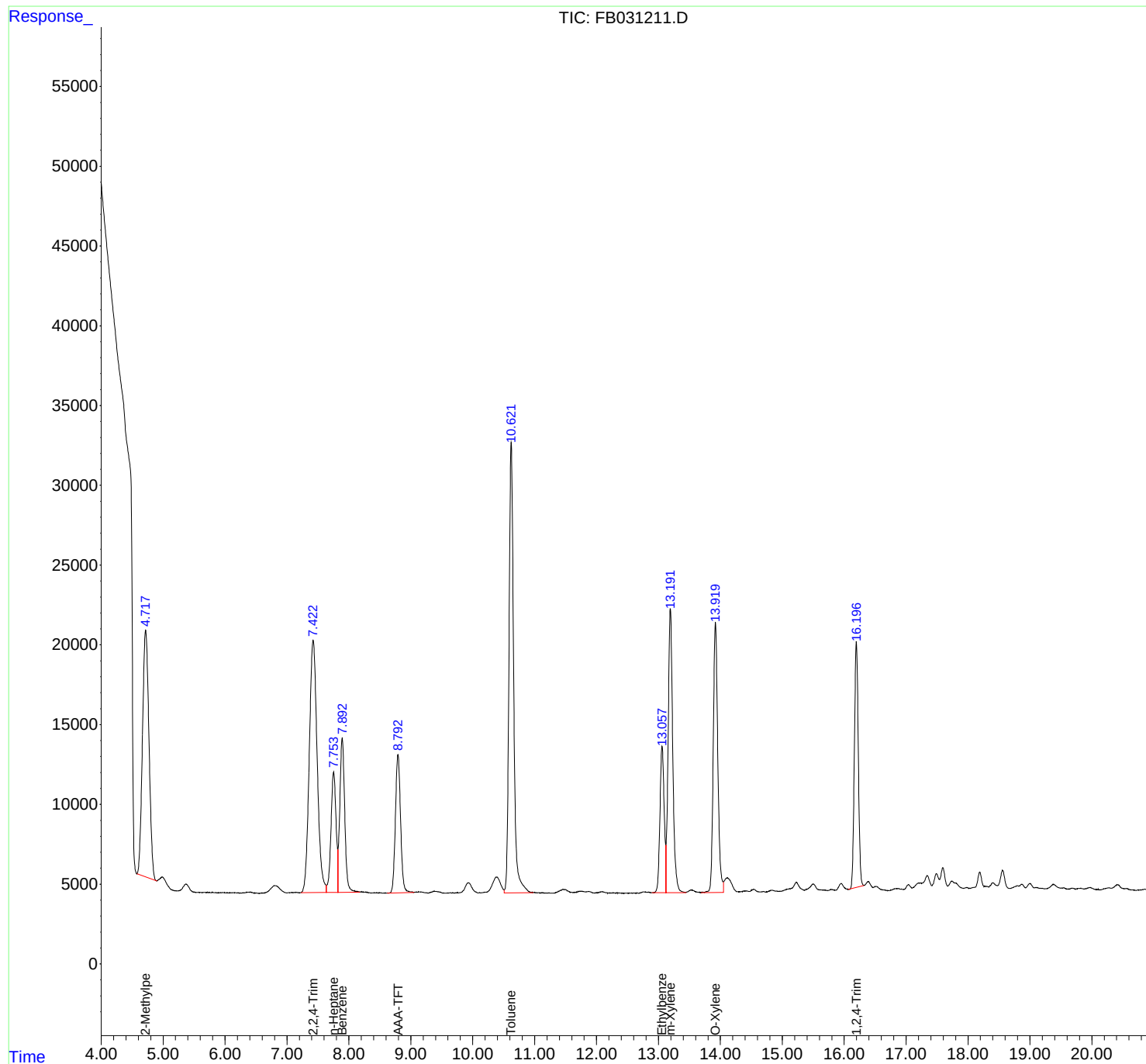
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031211.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 13:36
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 18 02:30:10 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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031211.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 13:36
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	4.718	4.582	4.900	BBA	15450	1124928	76.67%	13.473%
2	7.423	7.225	7.634	VV	15829	1397035	95.22%	16.732%
3	7.755	7.634	7.823	VV	7551	429985	29.31%	5.150%
4	7.893	7.823	8.181	VV	9680	538525	36.70%	6.450%
5	8.794	8.618	9.049	BV	8673	501134	34.16%	6.002%
6	10.622	10.510	10.981	VV	28202	1467206	100.00%	17.572%
7	13.059	12.893	13.120	BV	9157	433126	29.52%	5.187%
8	13.193	13.120	13.447	VV	17793	918788	62.62%	11.004%
9	13.921	13.686	14.050	PV	16945	860829	58.67%	10.310%
10	16.197	16.064	16.320	PV	15414	677997	46.21%	8.120%

Sum of corrected areas: 8349553

FB102824.M Mon Nov 18 03:08:46 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031222.D Analyst Name: YP/AJ Analyst Date: 11-15-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8370384	46502	45252	2.762

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031222.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 19:09
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 18 02:47:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	530795	19.230 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	1214792	30.931 ng/ml
2) t 2,2,4-Trimethylpentane	7.425	1482504	31.653 ng/ml
3) t n-Heptane	7.755	454655	10.032 ng/ml
4) t Benzene	7.893	579534	10.842 ng/ml
6) t Toluene	10.623	1575253	31.545 ng/ml
7) t Ethylbenzene	13.060	456797	10.205 ng/ml
8) t m-Xylene	13.194	977234	20.092 ng/ml
9) t O-Xylene	13.922	911719	20.001 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	717896	19.294 ng/ml

(f)=RT Delta > 1/2 Window

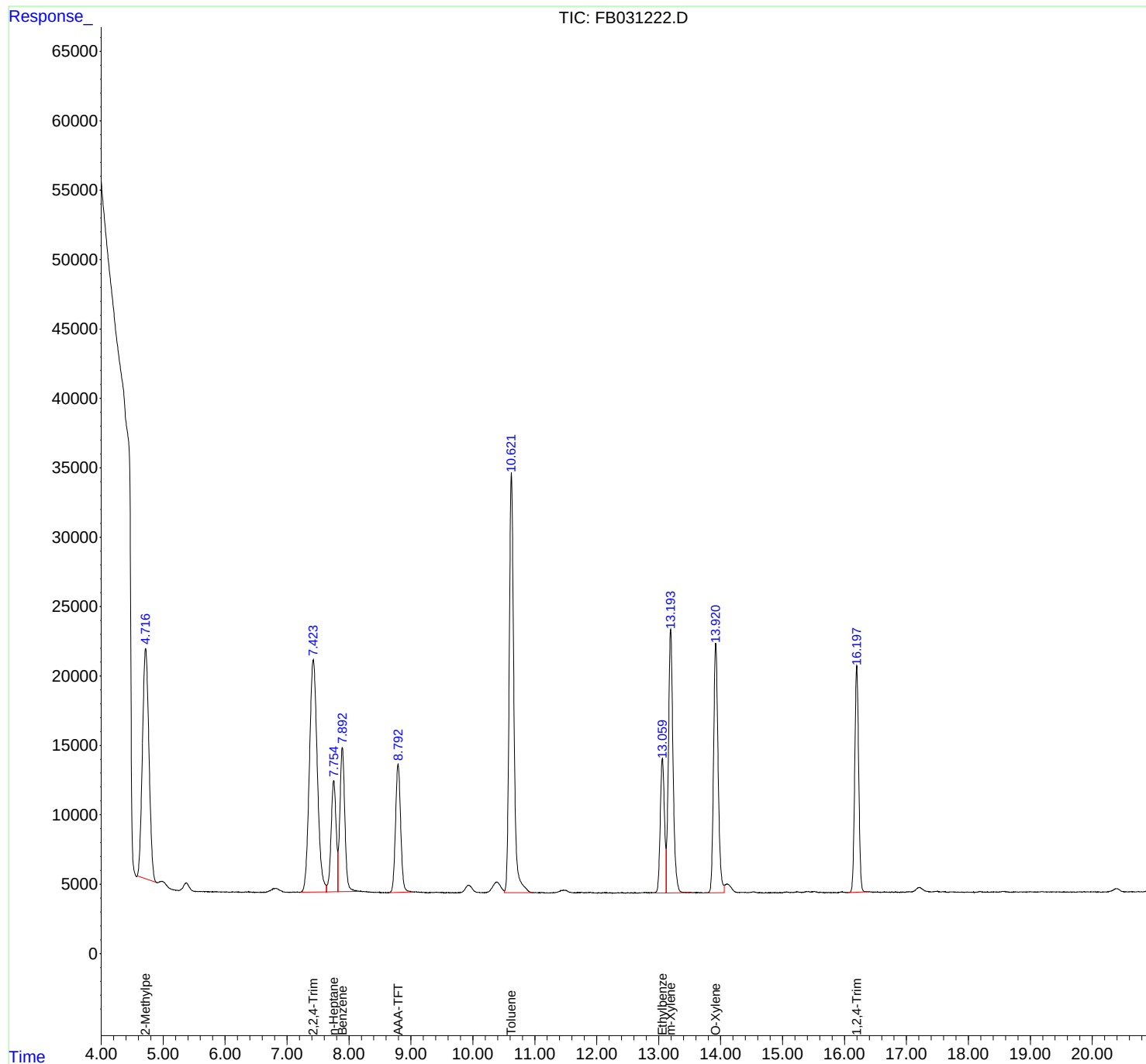
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031222.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 19:09
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 18 02:47:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031222.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 19:09
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.582	4.893	BV	16593	1214792	77.12%	13.648%
2	7.425	7.220	7.637	PV	16732	1482504	94.11%	16.655%
3	7.755	7.637	7.822	VV	8009	454655	28.86%	5.108%
4	7.893	7.822	8.170	VV	10399	579534	36.79%	6.511%
5	8.793	8.661	9.017	VV	9247	530795	33.70%	5.963%
6	10.623	10.510	10.978	VV	30291	1575253	100.00%	17.697%
7	13.060	12.895	13.121	PV	9694	456797	29.00%	5.132%
8	13.194	13.121	13.541	VB	18963	977234	62.04%	10.979%
9	13.922	13.708	14.059	BV	17962	911719	57.88%	10.243%
10	16.198	16.041	16.401	BBA	16320	717896	45.57%	8.065%

Sum of corrected areas: 8901178

FB102824.M Mon Nov 18 03:09:32 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031234.D Analyst Name: YP/AJ Analyst Date: 11-16-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7550206	41946	45252	7.306

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
 Data File : FB031234.D
 Signal(s) : FID2B.CH
 Acq On : 16 Nov 2024 1:24
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 18 02:32:26 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	8.794	553010	20.034 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.721	1028304	26.182 ng/ml
2) t 2,2,4-Trimethylpentane	7.427	1348612	28.794 ng/ml
3) t n-Heptane	7.756	408095	9.005 ng/ml
4) t Benzene	7.894	530559	9.925 ng/ml
6) t Toluene	10.624	1444796	28.933 ng/ml
7) t Ethylbenzene	13.060	419102	9.363 ng/ml
8) t m-Xylene	13.194	888833	18.274 ng/ml
9) t O-Xylene	13.922	829954	18.208 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	651951	17.521 ng/ml

(f)=RT Delta > 1/2 Window

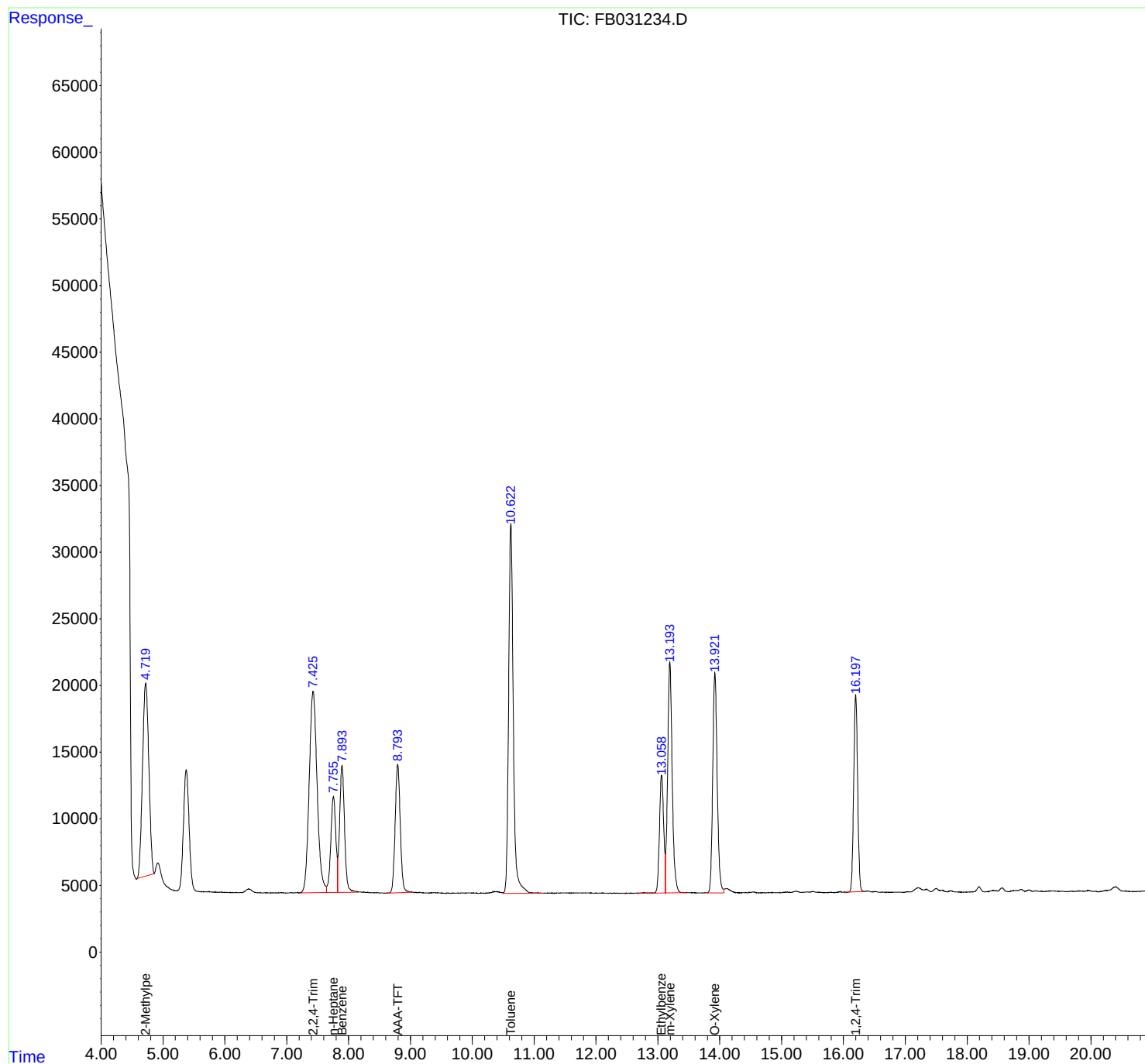
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031234.D
Signal(s) : FID2B.CH
Acq On : 16 Nov 2024 1:24
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 18 02:32:26 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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031234.D
Signal(s) : FID2B.CH
Acq On : 16 Nov 2024 1:24
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 34 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	4.721	4.582	4.860	BV	14458	1028304	71.17%	12.690%
2	7.427	7.215	7.643	PV	15121	1348612	93.34%	16.643%
3	7.756	7.643	7.824	VV	7194	408095	28.25%	5.036%
4	7.894	7.824	8.153	VV	9512	530559	36.72%	6.548%
5	8.795	8.618	9.032	BV	9604	553010	38.28%	6.825%
6	10.624	10.494	11.145	VB	27706	1444796	100.00%	17.830%
7	13.060	12.670	13.121	PV	8838	419102	29.01%	5.172%
8	13.194	13.121	13.455	VB	17290	888833	61.52%	10.969%
9	13.922	13.796	14.067	VV	16519	829954	57.44%	10.242%
10	16.198	16.024	16.350	BV	14793	651951	45.12%	8.046%

Sum of corrected areas: 8103215

FB102824.M Mon Nov 18 03:10:45 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031235.D Analyst Name: YP/AJ Analyst Date: 11-18-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7402092	41123	45252	9.124

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
 Data File : FB031235.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2024 10:50
 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 18 23:56:13 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	8.786	511819	18.542 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.715	966855	24.618 ng/ml
2) t 2,2,4-Trimethylpentane	7.415	1322614	28.239 ng/ml
3) t n-Heptane	7.747	366424	8.085 ng/ml
4) t Benzene	7.886	498622	9.328 ng/ml
6) t Toluene	10.614	1389541	27.826 ng/ml
7) t Ethylbenzene	13.051	422030	9.428 ng/ml
8) t m-Xylene	13.185	897402	18.450 ng/ml
9) t O-Xylene	13.913	834307	18.303 ng/ml
10) t 1,2,4-Trimethylbenzene	16.190	704297	18.928 ng/ml

(f)=RT Delta > 1/2 Window

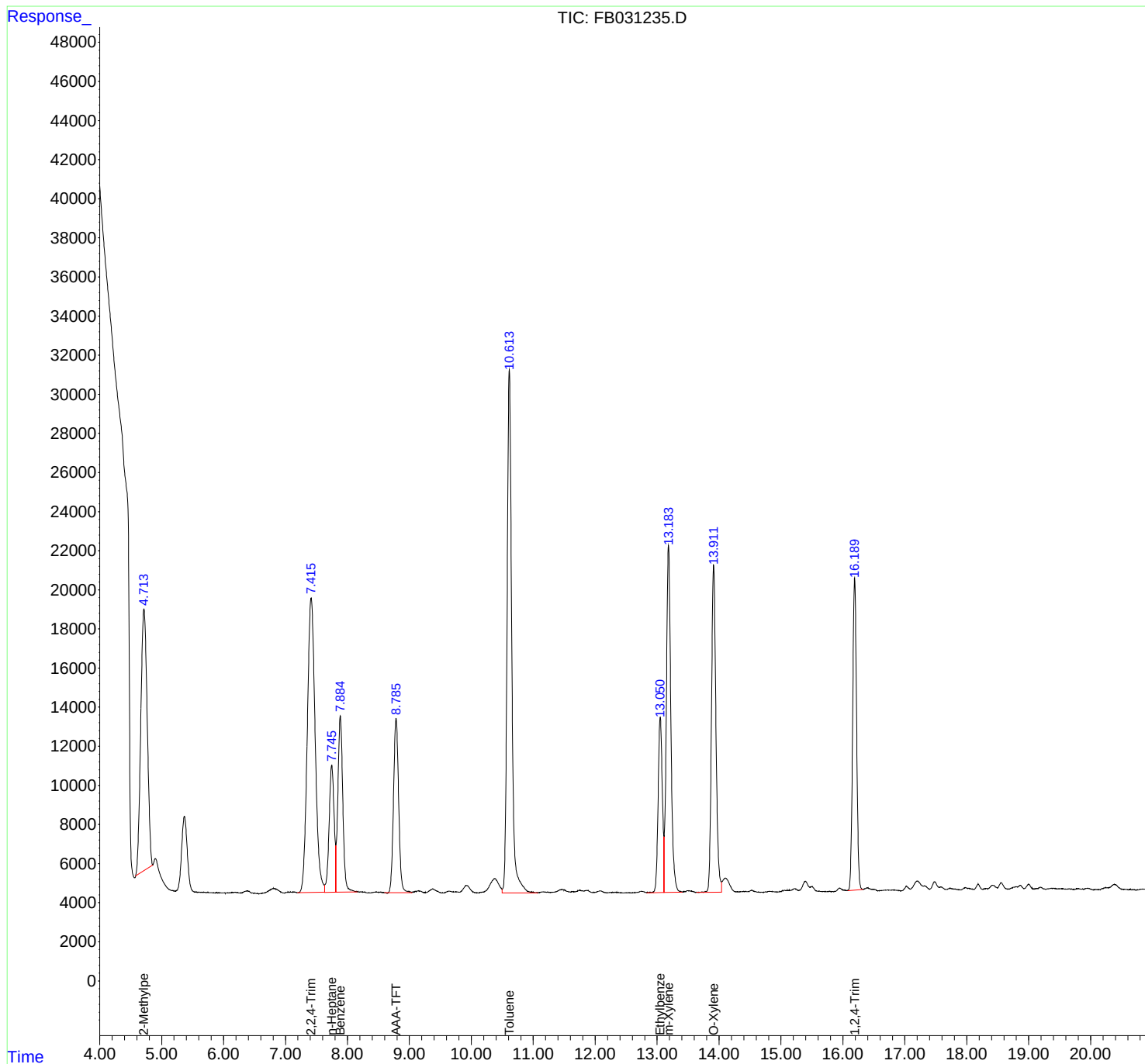
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031235.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 10:50
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 18 23:56:13 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\FB111824\
Data File : FB031235.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 10:50
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.582	4.855	BV	13374	966855	69.58%	12.217%
2	7.415	7.190	7.631	BV	15066	1322614	95.18%	16.713%
3	7.747	7.631	7.814	VV	6494	366424	26.37%	4.630%
4	7.886	7.814	8.161	VV	9014	498622	35.88%	6.301%
5	8.786	8.601	9.043	BV	8914	511819	36.83%	6.467%
6	10.614	10.499	11.078	VV	26737	1389541	100.00%	17.558%
7	13.051	12.832	13.112	PV	8956	422030	30.37%	5.333%
8	13.185	13.112	13.408	VV	17721	897402	64.58%	11.340%
9	13.913	13.641	14.041	BV	16745	834307	60.04%	10.542%
10	16.190	16.075	16.326	VV	15976	704297	50.69%	8.899%

Sum of corrected areas: 7913914

FB102824.M Tue Nov 19 00:12:35 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031243.D Analyst Name: YP/AJ Analyst Date: 11-18-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7514524	41747	45252	7.746

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
 Data File : FB031243.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2024 15:05
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 18 23:57:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.793	499050	18.080 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.716	1066550	27.156 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1347488	28.770 ng/ml
3) t n-Heptane	7.754	401311	8.855 ng/ml
4) t Benzene	7.892	523310	9.790 ng/ml
6) t Toluene	10.622	1422553	28.487 ng/ml
7) t Ethylbenzene	13.059	410626	9.173 ng/ml
8) t m-Xylene	13.192	876362	18.018 ng/ml
9) t O-Xylene	13.920	820988	18.011 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	645336	17.344 ng/ml

(f)=RT Delta > 1/2 Window

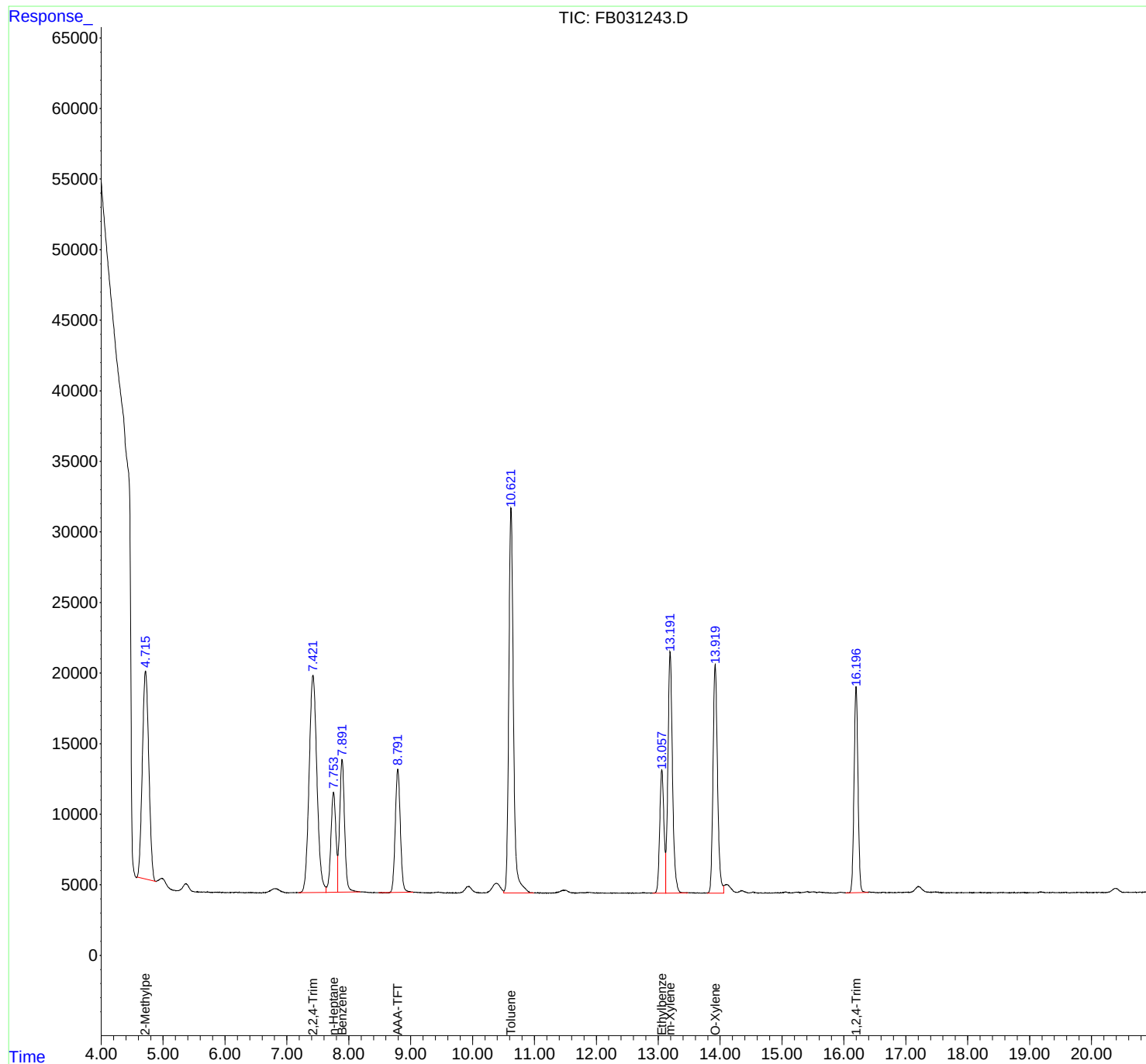
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031243.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 15:05
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 18 23:57:13 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\FB111824\
Data File : FB031243.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 15:05
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.582	4.887	BV	14732	1066550	74.97%	13.309%
2	7.422	7.184	7.633	BV	15396	1347488	94.72%	16.815%
3	7.754	7.633	7.821	VV	7094	401311	28.21%	5.008%
4	7.892	7.821	8.189	VV	9399	523310	36.79%	6.530%
5	8.793	8.478	9.043	BV	8738	499050	35.08%	6.228%
6	10.622	10.503	10.992	VV	27283	1422553	100.00%	17.752%
7	13.059	12.909	13.120	PV	8729	410626	28.87%	5.124%
8	13.192	13.120	13.480	VV	17091	876362	61.60%	10.936%
9	13.920	13.795	14.060	VV	16196	820988	57.71%	10.245%
10	16.197	16.027	16.391	BV	14593	645336	45.36%	8.053%

Sum of corrected areas: 8013574

FB102824.M Tue Nov 19 00:14:14 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: ENTA05
ProjectID: North Point
Lab Code: CHEM Case No.: P4839 SAS No.: P4839 SDG No.: P4839
DataFile: FB031248.D Analyst Name: YP/AJ Analyst Date: 11-18-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	8001548	44453	45252	1.766

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
 Data File : FB031248.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2024 19:20
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Integration File: Calibration.e
 Quant Time: Nov 18 23:57:50 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	536584	19.439 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.719	1108172	28.216 ng/ml
2) t 2,2,4-Trimethylpentane	7.423	1409242	30.089 ng/ml
3) t n-Heptane	7.754	410391	9.055 ng/ml
4) t Benzene	7.893	561374	10.502 ng/ml
6) t Toluene	10.622	1532497	30.689 ng/ml
7) t Ethylbenzene	13.059	442492	9.885 ng/ml
8) t m-Xylene	13.192	945551	19.440 ng/ml
9) t O-Xylene	13.920	887650	19.473 ng/ml
10) t 1,2,4-Trimethylbenzene	16.196	704179	18.925 ng/ml

(f)=RT Delta > 1/2 Window

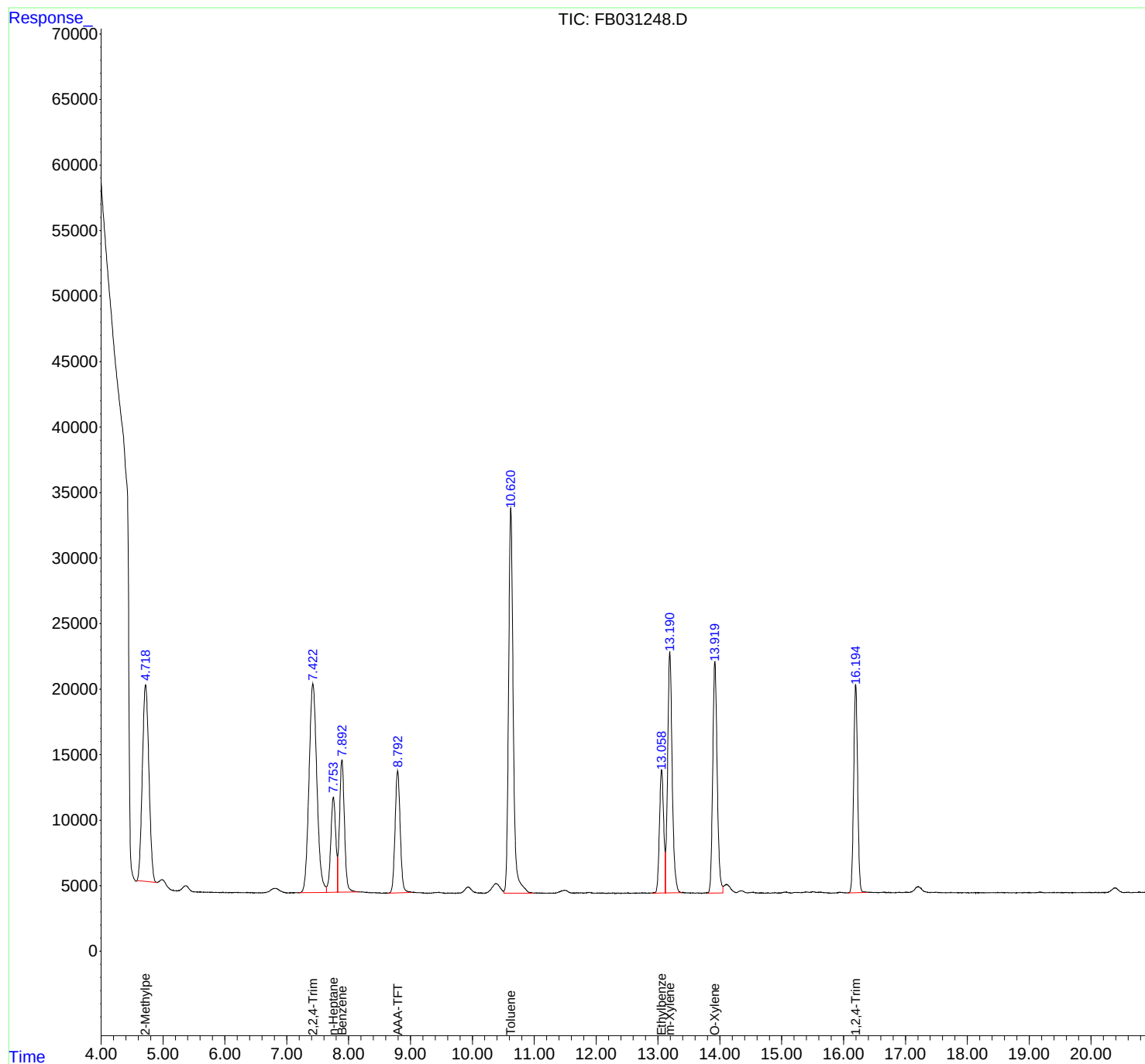
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031248.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 19:20
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Nov 18 23:57:50 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\FB111824\
Data File : FB031248.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 19:20
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.582	4.900	BBA	15007	1108172	72.31%	12.979%
2	7.423	7.195	7.640	BV	15928	1409242	91.96%	16.505%
3	7.754	7.640	7.821	VV	7274	410391	26.78%	4.807%
4	7.893	7.821	8.164	VV	10102	561374	36.63%	6.575%
5	8.793	8.640	9.016	BV	9309	536584	35.01%	6.285%
6	10.622	10.509	10.995	VV	29337	1532497	100.00%	17.949%
7	13.059	12.907	13.119	PV	9405	442492	28.87%	5.183%
8	13.192	13.119	13.383	VV	18417	945551	61.70%	11.074%
9	13.920	13.799	14.051	PV	17644	887650	57.92%	10.396%
10	16.196	16.064	16.372	PV	15887	704179	45.95%	8.247%

Sum of corrected areas: 8538132

FB102824.M Tue Nov 19 00:14:55 2024

Analytical Sequence

Client: ENTACT

SDG No.: P4839

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	14 Nov 2024 14:06	FB031169.D	8.785	
VBF1114S2	VBF1114S2	14 Nov 2024 15:10	FB031171.D	8.790	
BSF1114S1	BSF1114S1	14 Nov 2024 15:37	FB031172.D	8.790	
EX-9-TPH-18	P4839-10	14 Nov 2024 22:06	FB031184.D	8.790	
EX-10-TPH-1	P4839-14	14 Nov 2024 23:53	FB031188.D	8.793	
BSF1114S3	BSF1114S3	15 Nov 2024 00:46	FB031190.D	8.792	
20 PPB GRO STD	20 PPB GRO STD	15 Nov 2024 1:13	FB031191.D	8.791	
EX-10-TPH-3	P4839-16	15 Nov 2024 2:33	FB031192.D	8.809	
EX-4-TPH-6	P4839-22	15 Nov 2024 5:12	FB031198.D	8.790	
20 PPB GRO STD	20 PPB GRO STD	15 Nov 2024 5:38	FB031199.D	8.791	
20 PPB GRO STD	20 PPB GRO STD	15 Nov 2024 6:32	FB031200.D	8.791	
VBF1115S2	VBF1115S2	15 Nov 2024 8:18	FB031202.D	8.791	
BSF1115S1	BSF1115S1	15 Nov 2024 8:44	FB031203.D	8.790	
EX-9-TPH-9	P4839-01	15 Nov 2024 10:16	FB031204.D	8.802	
EX-9-TPH-10	P4839-02	15 Nov 2024 10:43	FB031205.D	8.805	
EX-9-TPH-20	P4839-12	15 Nov 2024 11:49	FB031207.D	8.835	
BSF1115S2	BSF1115S2	15 Nov 2024 13:09	FB031210.D	8.793	
20 PPB GRO STD	20 PPB GRO STD	15 Nov 2024 13:36	FB031211.D	8.794	
EX-4-TPH-2	P4839-18	15 Nov 2024 14:40	FB031213.D	8.801	
EX-4-TPH-3	P4839-19	15 Nov 2024 15:07	FB031214.D	8.794	
EX-4-TPH-4	P4839-20	15 Nov 2024 15:34	FB031215.D	8.798	
EX-9-TPH-15	P4839-07	15 Nov 2024 16:28	FB031217.D	8.801	
EX-9-TPH-16	P4839-08	15 Nov 2024 16:55	FB031218.D	8.799	
EX-9-TPH-17	P4839-09	15 Nov 2024 17:22	FB031219.D	8.810	
EX-9-TPH-19	P4839-11	15 Nov 2024 17:49	FB031220.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	15 Nov 2024 19:09	FB031222.D	8.793	
EX-9-TPH-12	P4839-04	15 Nov 2024 20:29	FB031223.D	8.801	
EX-9-TPH-13	P4839-05	15 Nov 2024 20:56	FB031224.D	8.805	
EX-10-TPH-2	P4839-15	15 Nov 2024 21:23	FB031225.D	8.798	
EX-4-TPH-5	P4839-21	15 Nov 2024 21:49	FB031226.D	8.801	
EX-9-TPH-21	P4839-13	15 Nov 2024 22:16	FB031227.D	8.815	
EX-4-TPH-1	P4839-17	15 Nov 2024 23:37	FB031230.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	16 Nov 2024 1:24	FB031234.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	18 Nov 2024 10:50	FB031235.D	8.786	
VBF1118S2	VBF1118S2	18 Nov 2024 12:13	FB031237.D	8.792	
BSF1118S1	BSF1118S1	18 Nov 2024 12:40	FB031238.D	8.794	
EX-9-TPH-11	P4839-03	18 Nov 2024 13:18	FB031239.D	8.799	
EX-9-TPH-14	P4839-06	18 Nov 2024 13:45	FB031240.D	8.804	
20 PPB GRO STD	20 PPB GRO STD	18 Nov 2024 15:05	FB031243.D	8.793	
BSF1118S3	BSF1118S3	18 Nov 2024 18:53	FB031247.D	8.791	

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

QC Limits
(± 0.10 minutes)

Lower Limit
8.6908

Upper Limits
8.8908

Analytical Sequence

Client: ENTACT Project: North Point GC Column: RTX-502.2 ID: 0.53 (mm)	SDG No.: P4839 Instrument ID: FID_B
--	--

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	18 Nov 2024 19:20	FB031248.D	8.793	



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBFI114S2	SDG No.:	P4839
Lab Sample ID:	VBFI114S2	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
FB031171.D	50	11/14/24 15:10	FB111424

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	17.9		50 - 150	90%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031171.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 15:10
Operator : YP/AJ
Sample : VBF1114S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1114S2

Integration File: Calibration.e
Quant Time: Nov 15 03:09:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.790	495018	17.934 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

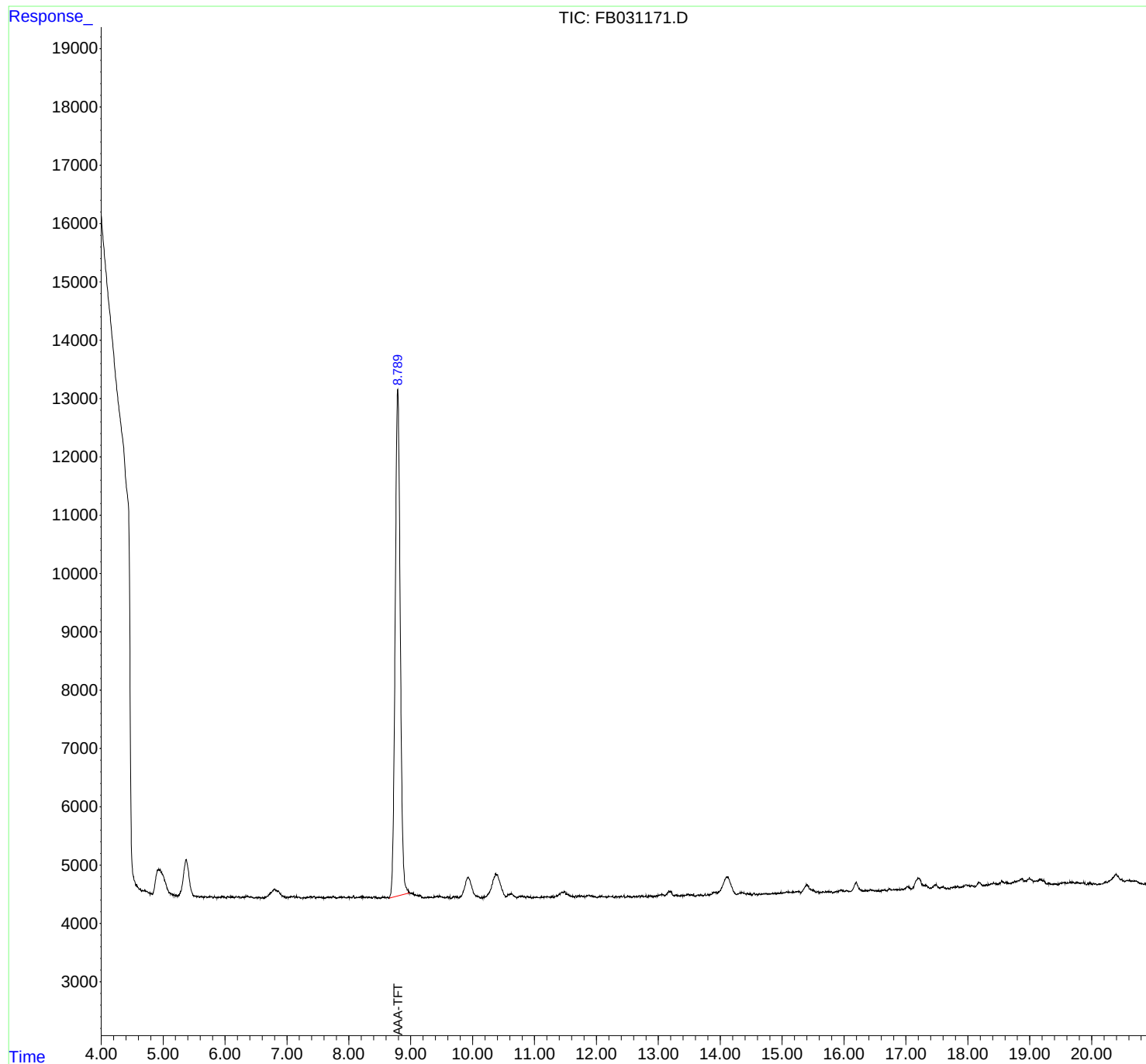
(m)=manual int.

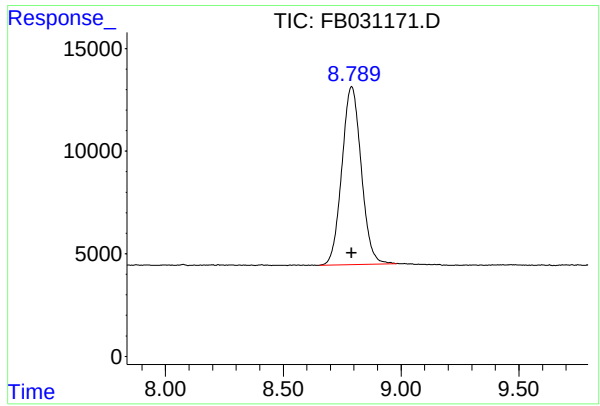
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031171.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 15:10
Operator : YP/AJ
Sample : VBF1114S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1114S2

Integration File: Calibration.e
Quant Time: Nov 15 03:09:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 495018
Conc: 17.93 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1114S2

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF1115S1	SDG No.:	P4839
Lab Sample ID:	VBF1115S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031201.D	1	11/15/24 7:51	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.1		50 - 150	95%	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\FB111524\
Data File : FB031201.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 7:51
Operator : YP/AJ
Sample : VBF1115S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1115S1

Integration File: Calibration.e
Quant Time: Nov 18 05:35:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.791	526091	19.059 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

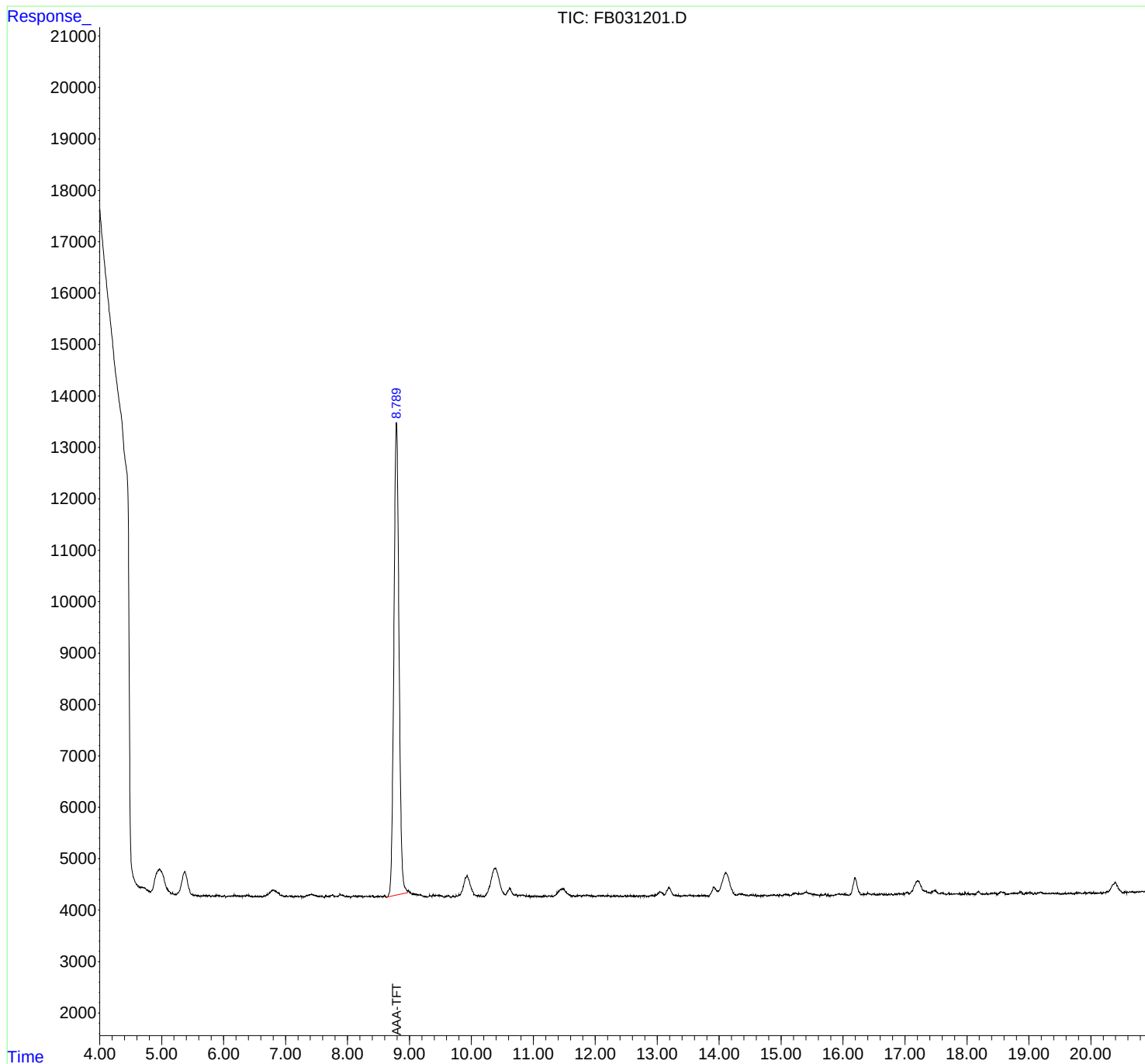
(m)=manual int.

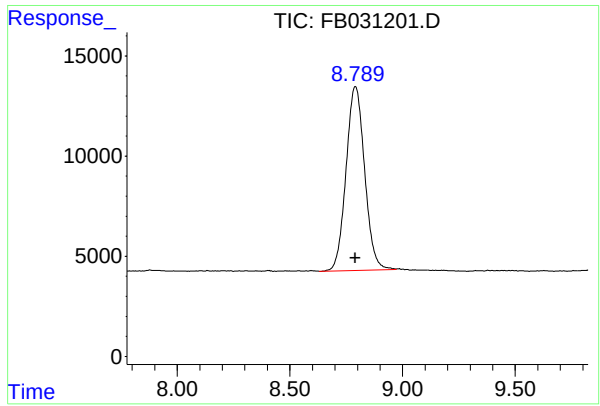
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031201.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 7:51
Operator : YP/AJ
Sample : VBF1115S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1115S1

Integration File: Calibration.e
Quant Time: Nov 18 05:35:18 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.: 8.791 min
Delta R.T.: 0.000 min
Response: 526091
Conc: 19.06 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1115S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031201.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 7:51
Sample : VBF1115S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 36 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	8.791	8.629	8.971	BV	9187	526091	100.00%	100.000%
Sum of corrected areas:							526091	

FB102824.M Mon Nov 18 05:36:10 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF1115S2	SDG No.:	P4839
Lab Sample ID:	VBF1115S2	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
FB031202.D	50	11/15/24 8:18	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	386	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.3		50 - 150	77%	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\FB111524\
Data File : FB031202.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 8:18
Operator : YP/AJ
Sample : VBF1115S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1115S2

Integration File: Calibration.e
Quant Time: Nov 18 02:29:17 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	8.791	423213	15.332 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

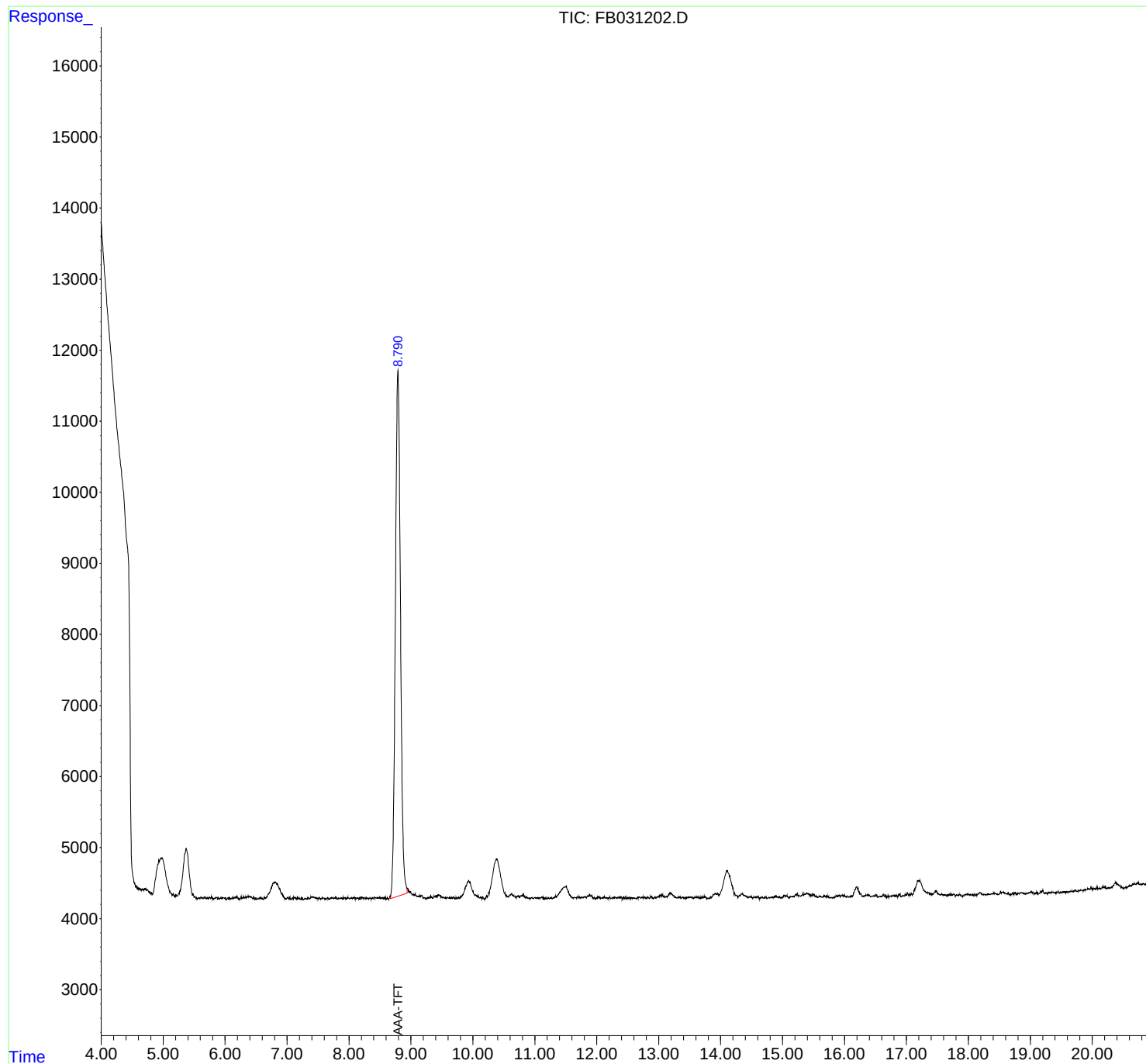
(m)=manual int.

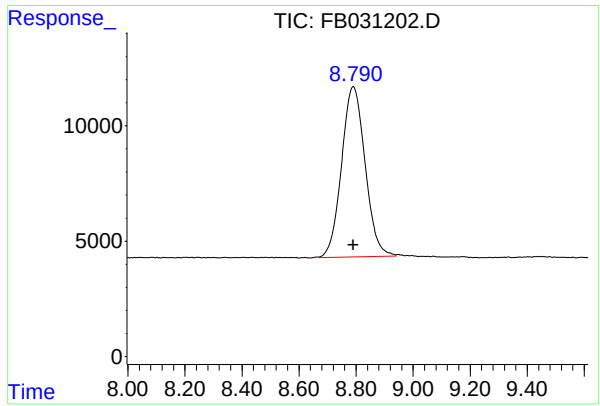
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031202.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 8:18
Operator : YP/AJ
Sample : VBF1115S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1115S2

Integration File: Calibration.e
Quant Time: Nov 18 02:29:17 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.: 8.791 min
Delta R.T.: 0.000 min
Response: 423213
Conc: 15.33 ng/ml

Instrument :

FID_B

ClientSampleId :

VBF1115S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031202.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 8:18
Sample : VBF1115S2 50X
Misc : 5.00G/5.00 ML ME0H
ALS Vial : 37 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	8.791	8.670	8.940	VV	7392	423213	100.00%	100.000%
Sum of corrected areas:						423213		

FB102824.M Mon Nov 18 03:07:21 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	VBF1118S2	SDG No.:	P4839
Lab Sample ID:	VBF1118S2	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
FB031237.D	50	11/18/24 12:13	FB111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	386	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.7		50 - 150	79%	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\FB111824\
Data File : FB031237.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 12:13
Operator : YP/AJ
Sample : VBF1118S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1118S2

Integration File: Calibration.e
Quant Time: Nov 18 23:56:28 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	8.792	434260	15.732 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

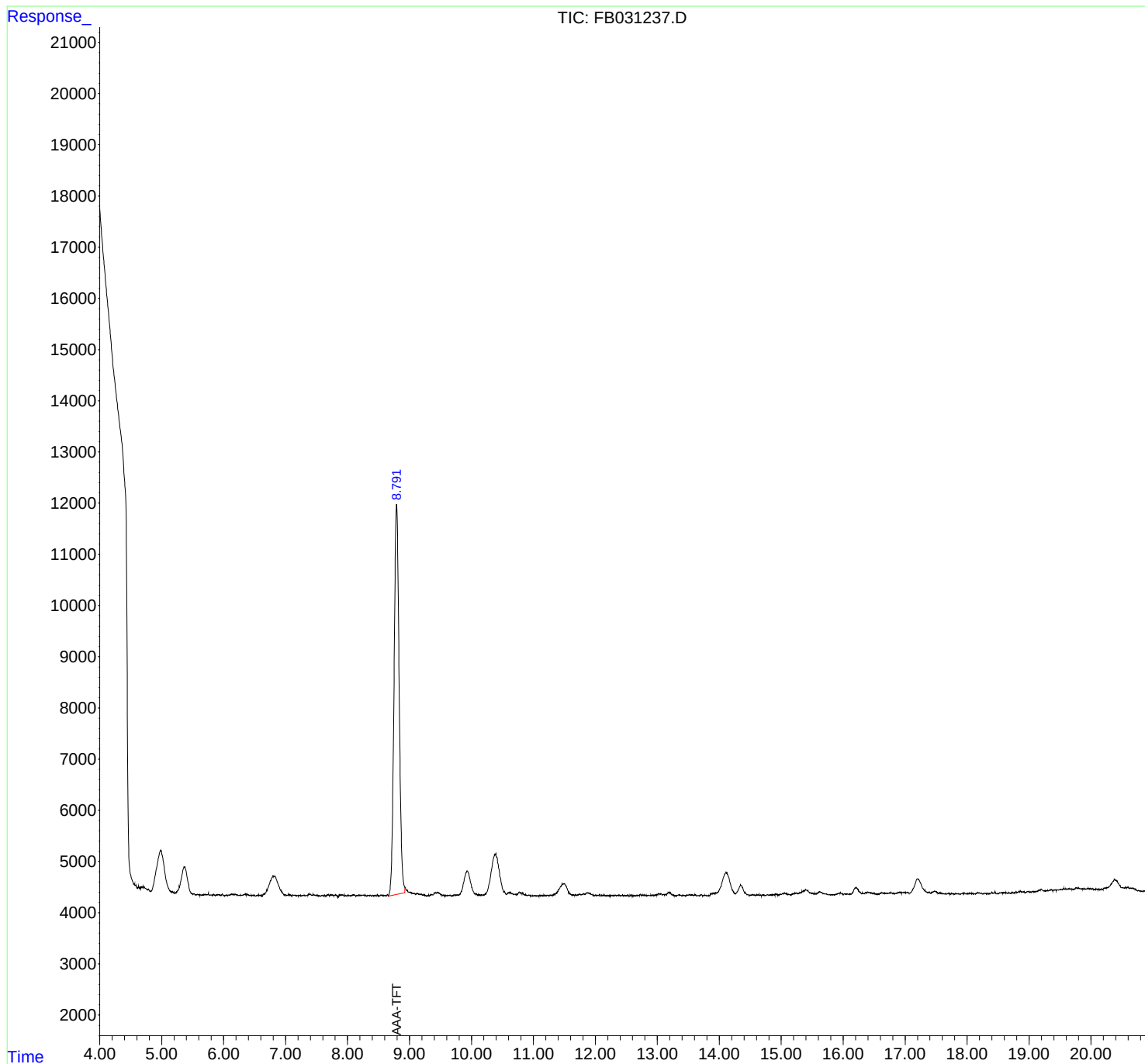
(m)=manual int.

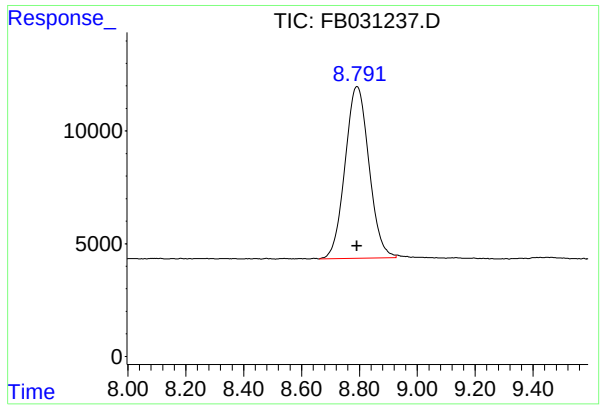
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031237.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 12:13
Operator : YP/AJ
Sample : VBF1118S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1118S2

Integration File: Calibration.e
Quant Time: Nov 18 23:56:28 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.: 8.792 min
Delta R.T.: 0.001 min
Response: 434260
Conc: 15.73 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1118S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031237.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 12:13
Sample : VBF1118S2 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	8.792	8.660	8.926	PV	7622	434260	100.00%	100.000%
Sum of corrected areas:						434260		

FB102824.M Tue Nov 19 00:13:09 2024

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	BSF1114S1		SDG No.:	P4839	
Lab Sample ID:	BSF1114S1		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :	PH :				
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031172.D	1	11/14/24 15:37	FB111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	172		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.3		50 - 150	91%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
 Data File : FB031172.D
 Signal(s) : FID2B.CH
 Acq On : 14 Nov 2024 15:37
 Operator : YP/AJ
 Sample : BSF1114S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1114S1

Integration File: Calibration.e
 Quant Time: Nov 15 03:09:16 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	8.790	504358	18.272 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	1129273	28.753 ng/ml
2) t 2,2,4-Trimethylpentane	7.420	1386273	29.598 ng/ml
3) t n-Heptane	7.751	415005	9.157 ng/ml
4) t Benzene	7.890	512787	9.593 ng/ml
6) t Toluene	10.618	1466263	29.362 ng/ml
7) t Ethylbenzene	13.055	428075	9.563 ng/ml
8) t m-Xylene	13.188	912613	18.763 ng/ml
9) t O-Xylene	13.916	848626	18.617 ng/ml
10) t 1,2,4-Trimethylbenzene	16.193	682043	18.330 ng/ml

(f)=RT Delta > 1/2 Window

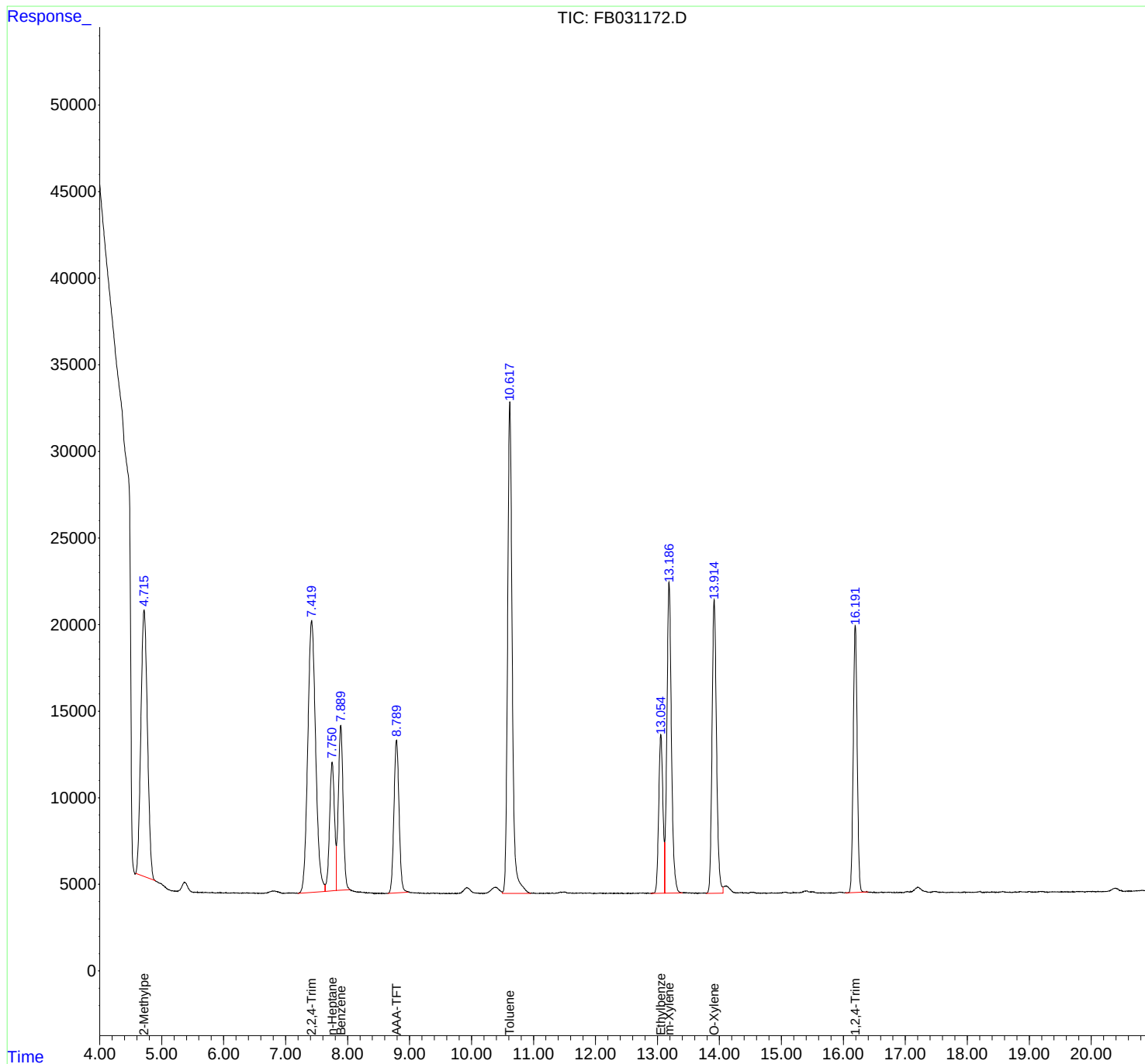
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031172.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 15:37
Operator : YP/AJ
Sample : BSF1114S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1114S1

Integration File: Calibration.e
Quant Time: Nov 15 03:09:16 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



Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	BSF1115S1		SDG No.:	P4839	
Lab Sample ID:	BSF1115S1		Matrix:	SOIL	
Analytical Method:	8015D GRO		% Solid:	100	Decanted:
Sample Wt/Vol:	5	Units: g	Final Vol:	5	mL
Soil Aliquot Vol:		uL	Test:	Gasoline Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031203.D	1	11/15/24 8:44	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	158		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.4		50 - 150	82%	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\FB111524\
 Data File : FB031203.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 8:44
 Operator : YP/AJ
 Sample : BSF1115S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1115S1

Integration File: Calibration.e
 Quant Time: Nov 18 02:29:22 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	8.790	451447	16.355 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	1044283	26.589 ng/ml
2) t 2,2,4-Trimethylpentane	7.420	1301814	27.795 ng/ml
3) t n-Heptane	7.753	380972	8.406 ng/ml
4) t Benzene	7.890	491740	9.199 ng/ml
6) t Toluene	10.619	1329745	26.629 ng/ml
7) t Ethylbenzene	13.056	387833	8.664 ng/ml
8) t m-Xylene	13.190	826401	16.991 ng/ml
9) t O-Xylene	13.918	773638	16.972 ng/ml
10) t 1,2,4-Trimethylbenzene	16.193	594560	15.979 ng/ml

(f)=RT Delta > 1/2 Window

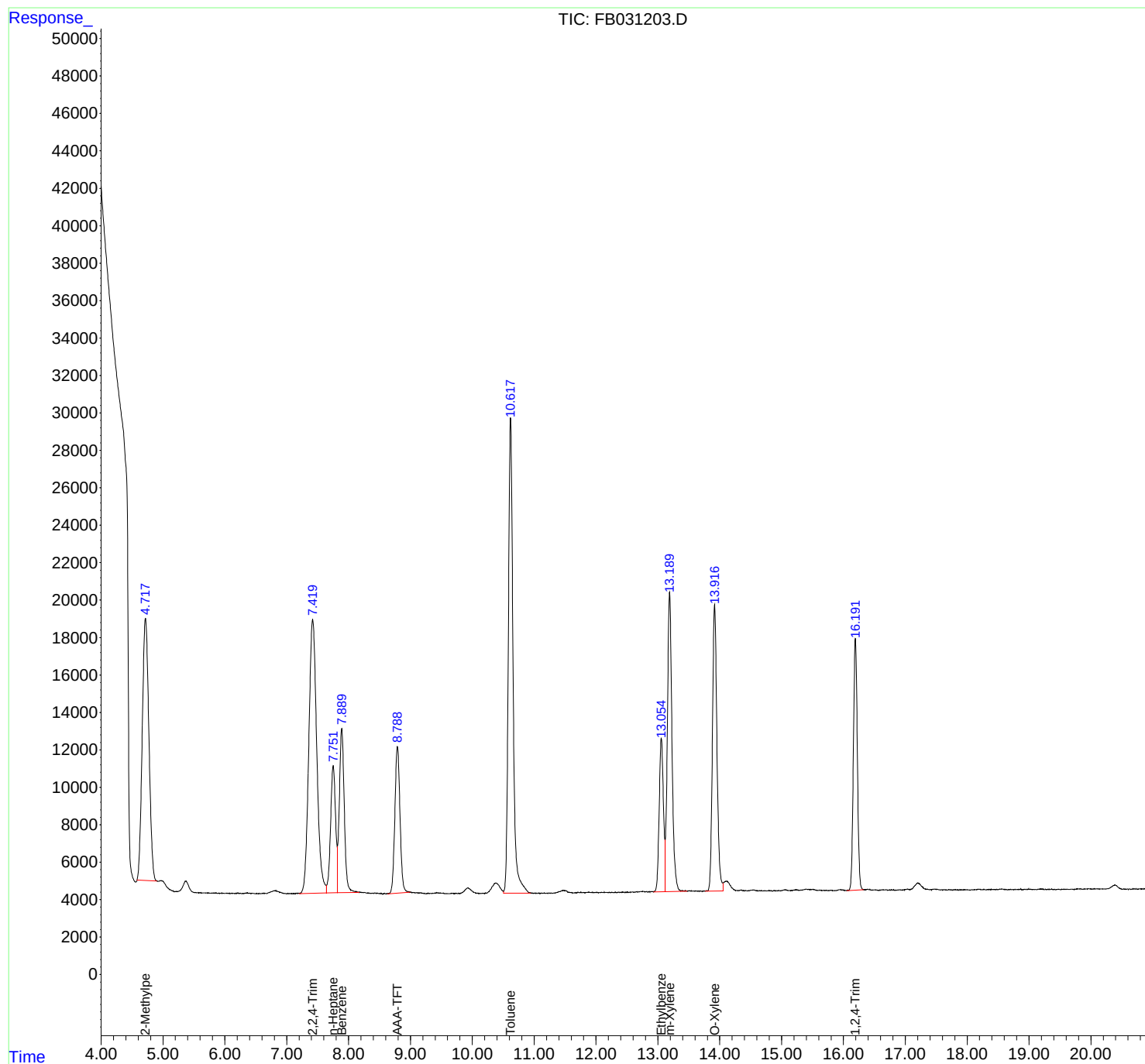
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031203.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 8:44
Operator : YP/AJ
Sample : BSF1115S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1115S1

Integration File: Calibration.e
Quant Time: Nov 18 02:29:22 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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031203.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 8:44
Sample : BSF1115S1
Misc : 5.00G/5.00 ML DI WATER
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	4.900	BBA	14007	1044283	78.53%	13.772%
2	7.420	7.200	7.641	VV	14640	1301814	97.90%	17.169%
3	7.753	7.641	7.818	VV	6794	380972	28.65%	5.024%
4	7.890	7.818	8.175	VV	8778	491740	36.98%	6.485%
5	8.790	8.630	8.998	PV	7840	451447	33.95%	5.954%
6	10.619	10.506	10.947	VV	25387	1329745	100.00%	17.537%
7	13.056	12.929	13.117	VV	8186	387833	29.17%	5.115%
8	13.190	13.117	13.472	VV	15997	826401	62.15%	10.899%
9	13.918	13.764	14.053	BV	15301	773638	58.18%	10.203%
10	16.193	16.049	16.327	PV	13444	594560	44.71%	7.841%

Sum of corrected areas: 7582432

FB102824.M Mon Nov 18 03:07:40 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1118S1	SDG No.:	P4839
Lab Sample ID:	BSF1118S1	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
FB031238.D	1	11/18/24 12:40	FB111824

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	18.1		50 - 150	91%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
 Data File : FB031238.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2024 12:40
 Operator : YP/AJ
 Sample : BSF1118S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1118S1

Integration File: Calibration.e
 Quant Time: Nov 18 23:56:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.794	499856	18.109 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.720	1105575	28.150 ng/ml
2) t 2,2,4-Trimethylpentane	7.425	1357726	28.989 ng/ml
3) t n-Heptane	7.755	405399	8.945 ng/ml
4) t Benzene	7.894	522360	9.772 ng/ml
6) t Toluene	10.623	1449910	29.035 ng/ml
7) t Ethylbenzene	13.060	420004	9.383 ng/ml
8) t m-Xylene	13.193	895441	18.410 ng/ml
9) t O-Xylene	13.921	834433	18.306 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	660688	17.756 ng/ml

(f)=RT Delta > 1/2 Window

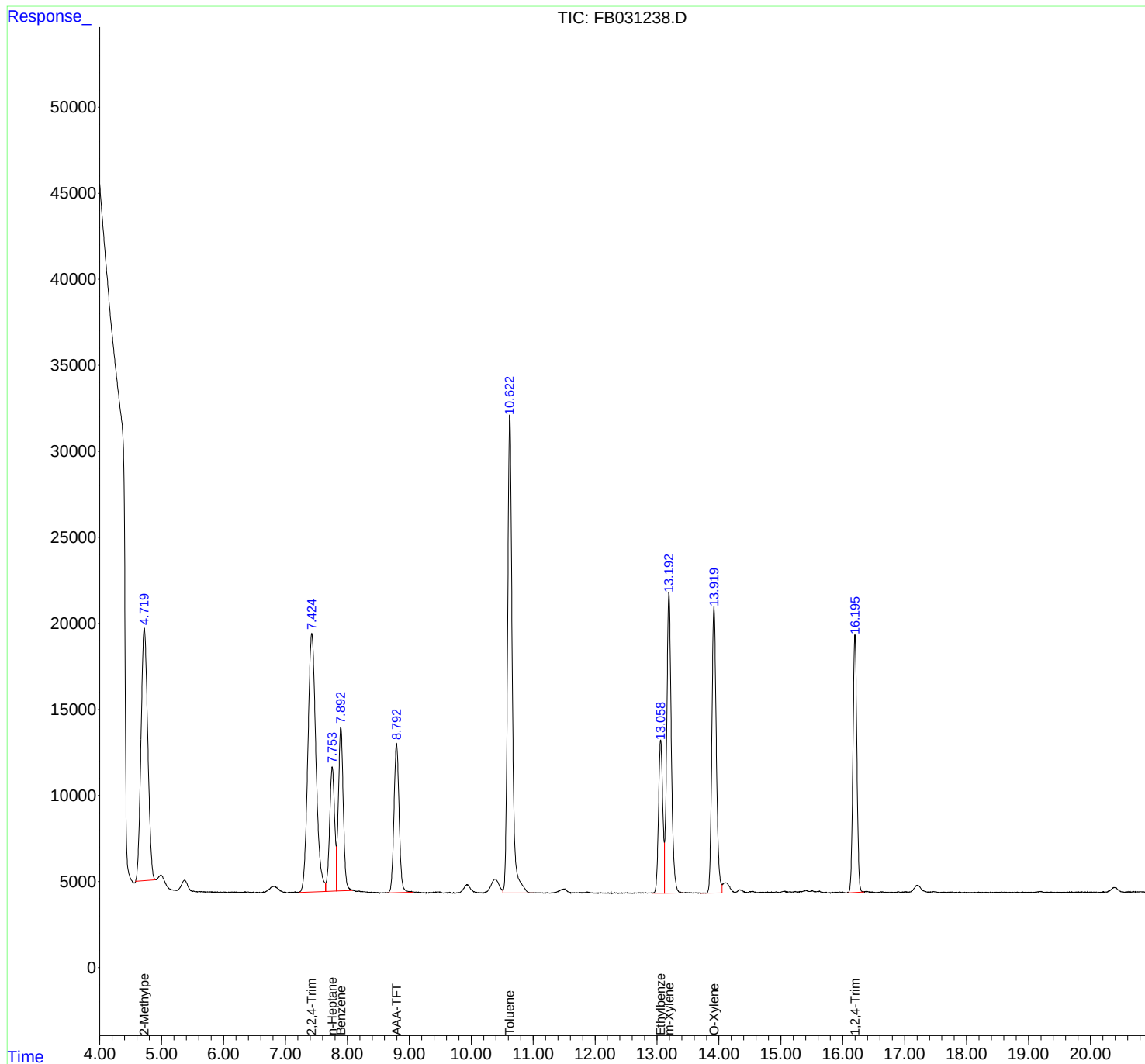
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031238.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 12:40
Operator : YP/AJ
Sample : BSF1118S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1118S1

Integration File: Calibration.e
Quant Time: Nov 18 23:56:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031238.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 12:40
Sample : BSF1118S1
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	4.900	BBA	14650	1105575	76.25%	13.563%
2	7.425	7.219	7.647	PV	15017	1357726	93.64%	16.656%
3	7.755	7.647	7.822	VV	7218	405399	27.96%	4.973%
4	7.894	7.822	8.086	VV	9507	522360	36.03%	6.408%
5	8.794	8.626	9.063	BV	8657	499856	34.47%	6.132%
6	10.623	10.509	11.025	VV	27784	1449910	100.00%	17.787%
7	13.060	12.921	13.121	PV	8905	420004	28.97%	5.153%
8	13.193	13.121	13.433	VV	17478	895441	61.76%	10.985%
9	13.921	13.708	14.051	BV	16646	834433	57.55%	10.237%
10	16.197	16.066	16.344	PV	14979	660688	45.57%	8.105%

Sum of corrected areas: 8151391

FB102824.M Tue Nov 19 00:13:28 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1114S3	SDG No.:	P4839
Lab Sample ID:	BSF1114S3	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
FB031190.D	1	11/15/24 0:46	FB111424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	160		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.8		50 - 150	89%	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\FB111424\
 Data File : FB031190.D
 Signal(s) : FID2B.CH
 Acq On : 14 Nov 2024 00:46
 Operator : YP/AJ
 Sample : BSF1114S3
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1114S3

Integration File: Calibration.e
 Quant Time: Nov 18 08:07:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.792	490792	17.780 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	1074940	27.370 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1316971	28.119 ng/ml
3) t n-Heptane	7.753	393005	8.672 ng/ml
4) t Benzene	7.891	486160	9.095 ng/ml
6) t Toluene	10.620	1339212	26.818 ng/ml
7) t Ethylbenzene	13.057	405199	9.052 ng/ml
8) t m-Xylene	13.190	831531	17.096 ng/ml
9) t O-Xylene	13.918	770227	16.897 ng/ml
10) t 1,2,4-Trimethylbenzene	16.194	628237	16.884 ng/ml

(f)=RT Delta > 1/2 Window

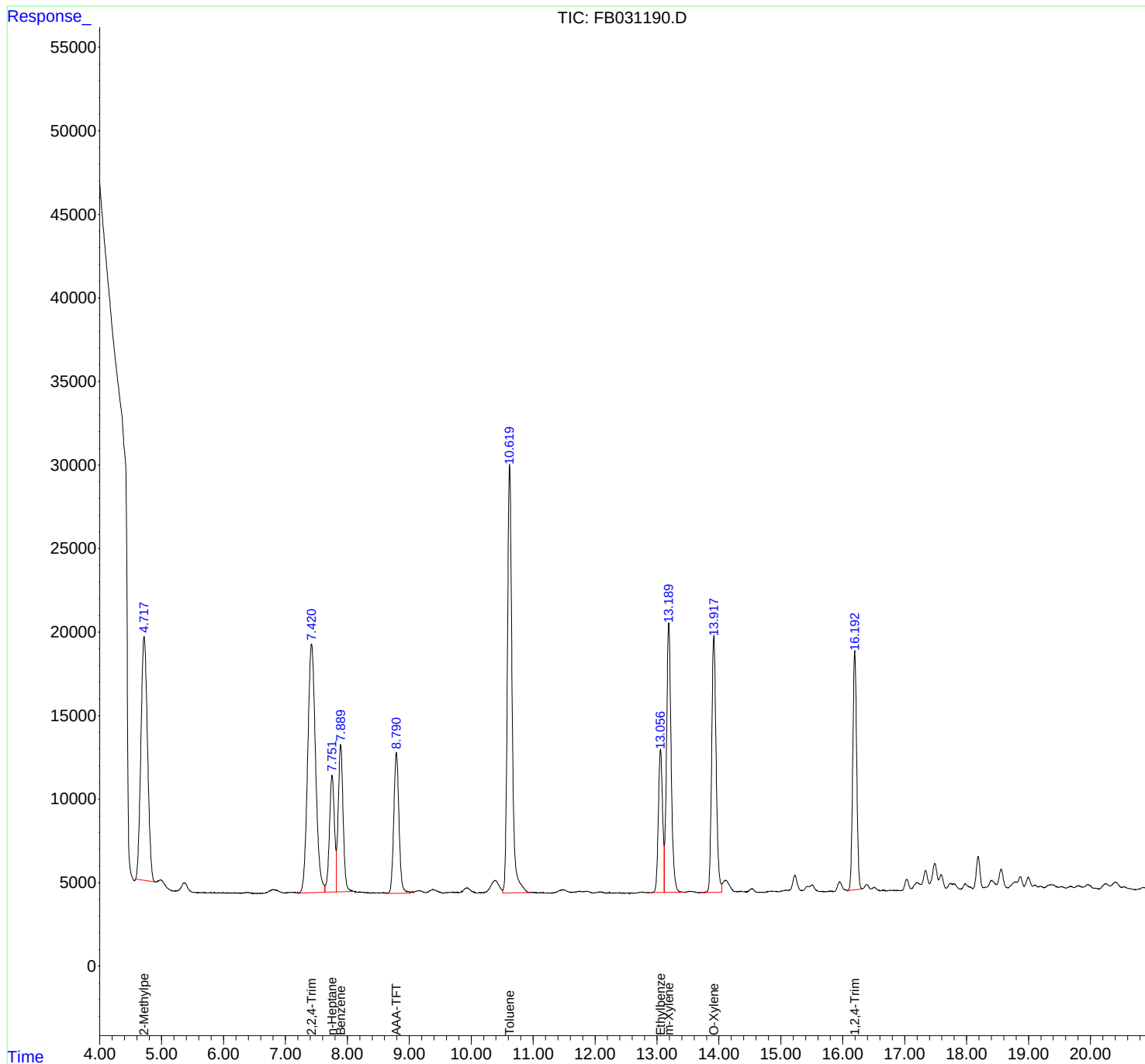
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111424\
Data File : FB031190.D
Signal(s) : FID2B.CH
Acq On : 14 Nov 2024 00:46
Operator : YP/AJ
Sample : BSF1114S3
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1114S3

Integration File: Calibration.e
Quant Time: Nov 18 08:07:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
Quant Title :
QLast Update : Mon Oct 28 12:19:57 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1115S2	SDG No.:	P4839
Lab Sample ID:	BSF1115S2	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
FB031210.D	1	11/15/24 13:09	FB111524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	163		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.7		50 - 150	94%	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\FB111524\
 Data File : FB031210.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2024 13:09
 Operator : YP/AJ
 Sample : BSF1115S2
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_B

ClientSampleId :

BSF1115S2

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :Ankita Jodhani 11/18/2024

Integration File: Calibration.e
 Quant Time: Nov 18 02:30:04 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	516569	18.714 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	1069393	27.229 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1328728	28.370 ng/ml
3) t n-Heptane	7.753	397301	8.767 ng/ml
4) t Benzene	7.892	504161	9.432 ng/ml
6) t Toluene	10.621	1380742	27.650 ng/ml
7) t Ethylbenzene	13.058	430909	9.627 ng/ml
8) t m-Xylene	13.192	858164	17.644 ng/ml
9) t O-Xylene	13.920	805346	17.668 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	694053	18.653 ng/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111524\
Data File : FB031210.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 13:09
Operator : YP/AJ
Sample : BSF1115S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

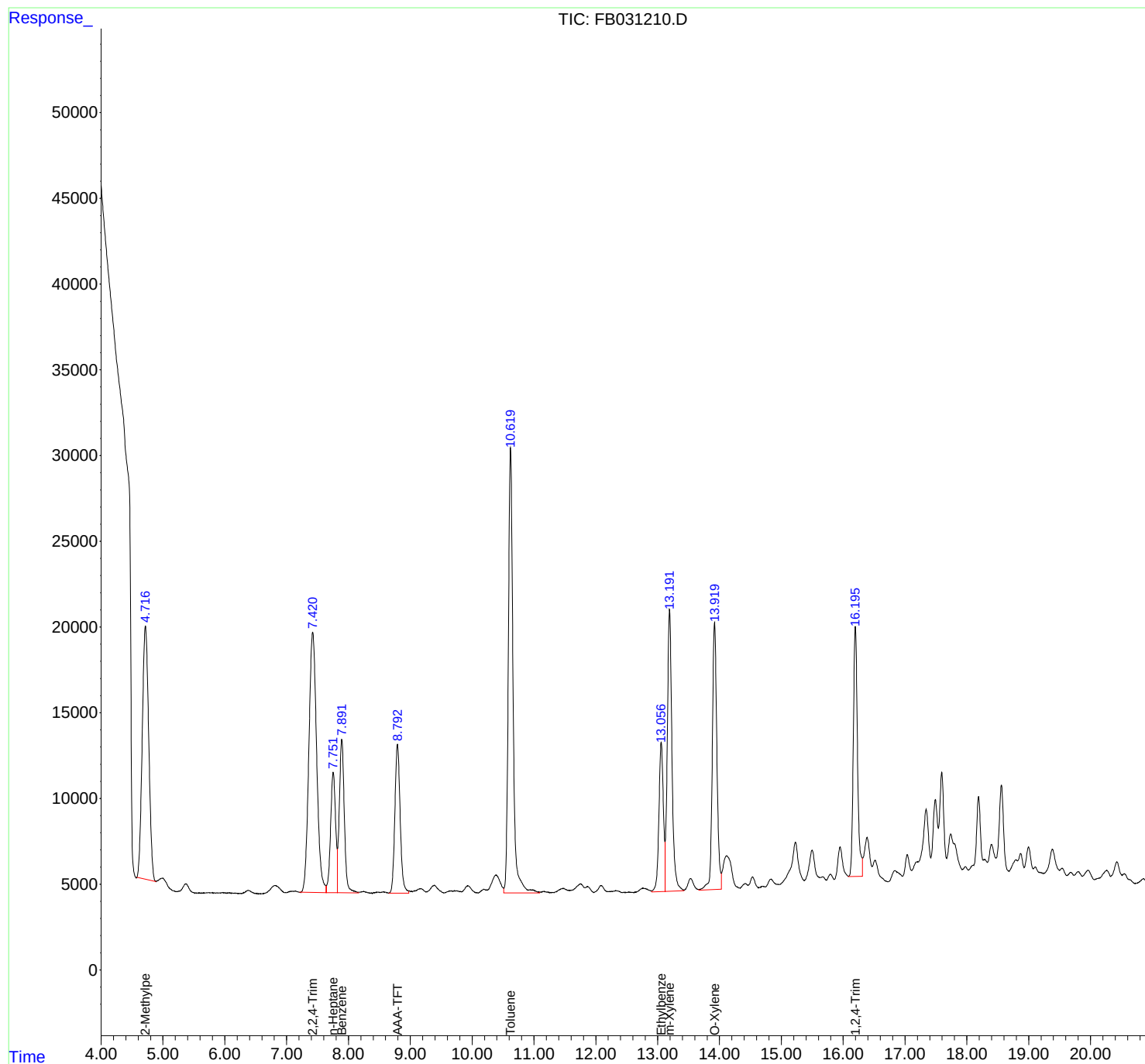
Instrument :
FID_B
ClientSampleId :
BSF1115S2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :Ankita Jodhani 11/18/2024

Integration File: Calibration.e
Quant Time: Nov 18 02:30:04 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



Instrument :
FID_B
ClientSampleId :
BSF1115S2
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :Ankita Jodhani 11/18/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB11152
Data File : FB031210.D
Signal(s) : FID2B.CH
Acq On : 15 Nov 2024 13:09
Sample : BSF1115S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.582	4.883	BV	14766	1069393	77.45%	13.520%
2	7.422	7.206	7.640	BV	15172	1328728	96.23%	16.799%
3	7.753	7.640	7.821	VV	7022	397301	28.77%	5.023%
4	7.892	7.821	8.164	VV	8950	504161	36.51%	6.374%
5	8.793	8.649	8.977	PV	8688	516569	37.41%	6.531%
6	10.621	10.512	11.093	VV	25964	1380742	100.00%	17.456%
7	13.058	12.902	13.120	VV	8691	430909	31.21%	5.448%
8	13.192	13.120	13.427	VV	16443	858164	62.15%	10.850%
9	13.920	13.667	14.030	VV	15579	805346	58.33%	10.182%
10	16.197	16.087	16.314	PV	14060	618354	44.78%	7.818%

Sum of corrected areas: 7909666

FB102824.M Mon Nov 18 03:08:20 2024

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	North Point	Date Received:	
Client Sample ID:	BSF1118S3	SDG No.:	P4839
Lab Sample ID:	BSF1118S3	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
FB031247.D	1	11/18/24 18:53	FB111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	162		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.7		50 - 150	98%	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\FB111824\
 Data File : FB031247.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2024 18:53
 Operator : YP/AJ
 Sample : BSF1118S3
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1118S3

Integration File: Calibration.e
 Quant Time: Nov 18 23:57:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102824.M
 Quant Title :
 QLast Update : Mon Oct 28 12:19:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.791	543316	19.683 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.716	1014018	25.819 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	1296736	27.687 ng/ml
3) t n-Heptane	7.752	379315	8.370 ng/ml
4) t Benzene	7.891	508310	9.509 ng/ml
6) t Toluene	10.621	1400742	28.050 ng/ml
7) t Ethylbenzene	13.058	406439	9.080 ng/ml
8) t m-Xylene	13.191	868730	17.861 ng/ml
9) t O-Xylene	13.920	813201	17.840 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	648752	17.436 ng/ml

(f)=RT Delta > 1/2 Window

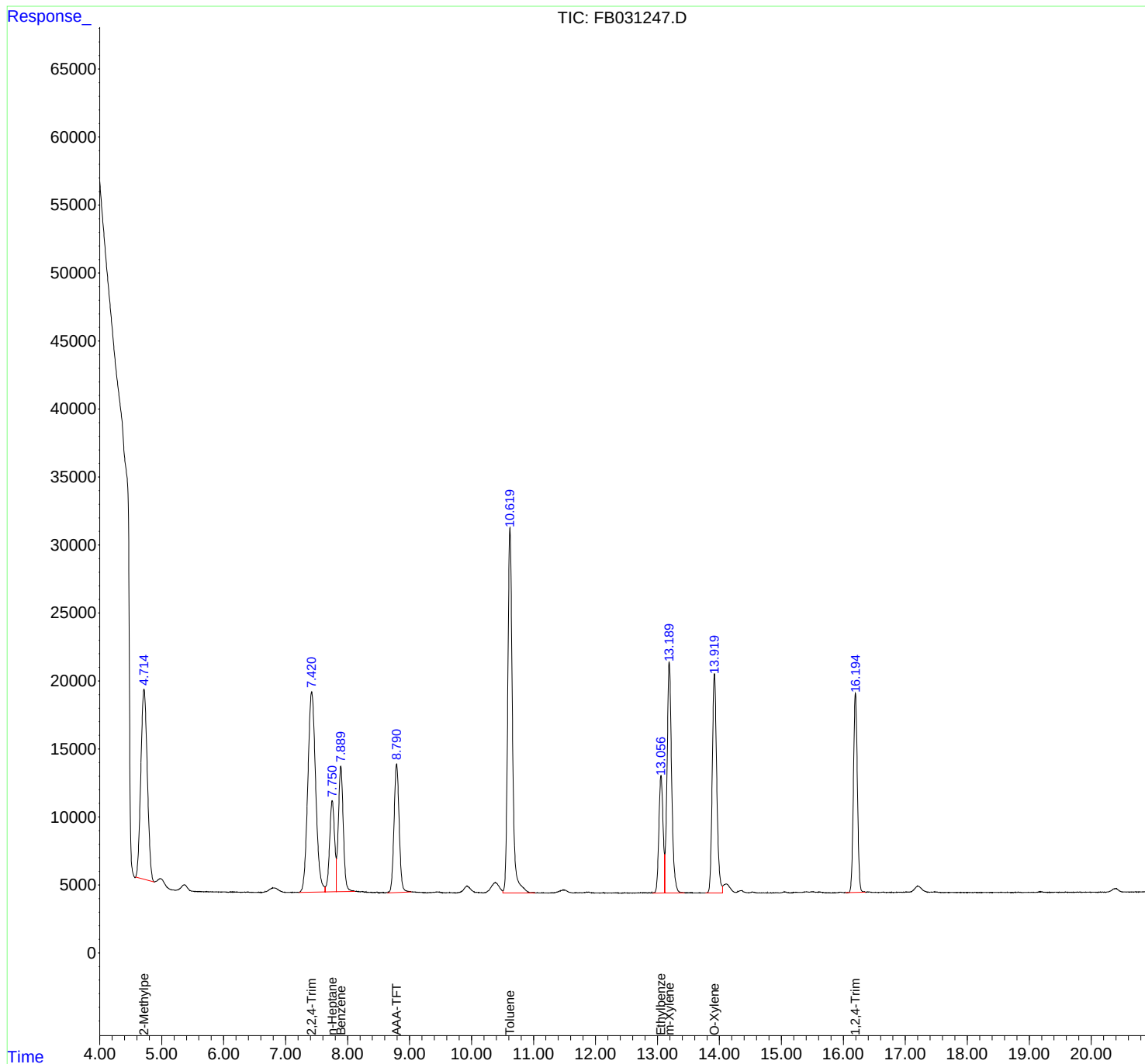
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB111824\
Data File : FB031247.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 18:53
Operator : YP/AJ
Sample : BSF1118S3
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1118S3

Integration File: Calibration.e
Quant Time: Nov 18 23:57:42 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\FB111824\
Data File : FB031247.D
Signal(s) : FID2B.CH
Acq On : 18 Nov 2024 18:53
Sample : BSF1118S3
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 13 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	4.716	4.582	4.880	BV	13972	1014018	72.39%	12.869%
2	7.422	7.222	7.639	VV	14736	1296736	92.57%	16.457%
3	7.752	7.639	7.820	VV	6712	379315	27.08%	4.814%
4	7.891	7.820	8.122	VV	9233	508310	36.29%	6.451%
5	8.791	8.645	9.032	VV	9455	543316	38.79%	6.895%
6	10.621	10.506	11.028	VV	26856	1400742	100.00%	17.777%
7	13.058	12.921	13.118	PV	8638	406439	29.02%	5.158%
8	13.191	13.118	13.438	VB	16970	868730	62.02%	11.025%
9	13.920	13.772	14.051	BV	16121	813201	58.06%	10.320%
10	16.195	16.035	16.358	BV	14653	648752	46.31%	8.233%

Sum of corrected areas: 7879560

FB102824.M Tue Nov 19 00:14:37 2024

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4839-13		FB031187.D	FB111424	AAA-TFT	Ankita	11/15/2024 9:13:56 AM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4839-16		FB031209.D	FB111524	AAA-TFT	Ankita	11/18/2024 1:17:22 PM	Peak Integrated by Software incorrectly
BSF1115S2		FB031210.D	FB111524	1,2,4-Trimethylbenzene	Ankita	11/18/2024 1:17:23 PM	Peak Integrated by Software incorrectly

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
P4839-06		FB031240.D	FB111824	AAA-TFT	Ankita	11/19/2024 4:48:15 PM	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 # FB111424

Review By	yogesh	Review On	11/14/2024 3:50:24 PM
Supervise By	Ankita	Supervise On	11/15/2024 9:14:02 AM
SubDirectory	FB111424	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	PP23976,PP23977,PP23978,PP23979,PP23980		
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	FB031169.D	14 Nov 2024 14:06	YP/AJ	Ok
2	VBF1114S1	FB031170.D	14 Nov 2024 14:44	YP/AJ	Ok
3	VBF1114S2	FB031171.D	14 Nov 2024 15:10	YP/AJ	Ok
4	BSF1114S1	FB031172.D	14 Nov 2024 15:37	YP/AJ	Ok
5	P4839-01	FB031173.D	14 Nov 2024 16:20	YP/AJ	Dilution
6	P4839-02	FB031174.D	14 Nov 2024 16:46	YP/AJ	Dilution
7	P4839-03	FB031175.D	14 Nov 2024 17:13	YP/AJ	Dilution
8	P4839-04	FB031176.D	14 Nov 2024 17:40	YP/AJ	Dilution
9	P4839-05	FB031177.D	14 Nov 2024 18:06	YP/AJ	Dilution
10	P4839-06	FB031178.D	14 Nov 2024 18:33	YP/AJ	Dilution
11	BSF1114S2	FB031179.D	14 Nov 2024 19:00	YP/AJ	Ok
12	20 PPB GRO STD	FB031180.D	14 Nov 2024 20:20	YP/AJ	Ok
13	P4839-07	FB031181.D	14 Nov 2024 20:47	YP/AJ	Dilution
14	P4839-08	FB031182.D	14 Nov 2024 21:13	YP/AJ	Dilution
15	P4839-09	FB031183.D	14 Nov 2024 21:40	YP/AJ	Dilution
16	P4839-10	FB031184.D	14 Nov 2024 22:06	YP/AJ	Ok
17	P4839-11	FB031185.D	14 Nov 2024 22:33	YP/AJ	Dilution
18	P4839-12	FB031186.D	14 Nov 2024 23:00	YP/AJ	Not Ok
19	P4839-13	FB031187.D	14 Nov 2024 23:26	YP/AJ	Dilution
20	P4839-14	FB031188.D	14 Nov 2024 23:53	YP/AJ	Ok
21	P4839-15	FB031189.D	15 Nov 2024 00:20	YP/AJ	Dilution

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111424

Review By	yogesh	Review On	11/14/2024 3:50:24 PM
Supervise By	Ankita	Supervise On	11/15/2024 9:14:02 AM
SubDirectory	FB111424	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	PP23976,PP23977,PP23978,PP23979,PP23980		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

22	BSF1114S3	FB031190.D	15 Nov 2024 00:46	YP/AJ	Ok
23	20 PPB GRO STD	FB031191.D	15 Nov 2024 1:13	YP/AJ	Ok
24	P4839-16	FB031192.D	15 Nov 2024 2:33	YP/AJ	Ok
25	P4839-17	FB031193.D	15 Nov 2024 2:59	YP/AJ	Not Ok
26	P4839-18	FB031194.D	15 Nov 2024 3:26	YP/AJ	Not Ok
27	P4839-19	FB031195.D	15 Nov 2024 3:52	YP/AJ	Not Ok
28	P4839-20	FB031196.D	15 Nov 2024 4:19	YP/AJ	Not Ok
29	P4839-21	FB031197.D	15 Nov 2024 4:45	YP/AJ	Dilution
30	P4839-22	FB031198.D	15 Nov 2024 5:12	YP/AJ	Ok
31	20 PPB GRO STD	FB031199.D	15 Nov 2024 5:38	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111524

Review By	yogesh	Review On	11/15/2024 11:40:48 AM
Supervise By	Ankita	Supervise On	11/18/2024 1:17:29 PM
SubDirectory	FB111524	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	PP23981,PP23982,PP23983,PP23984		
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	FB031200.D	15 Nov 2024 6:32	YP/AJ	Ok
2	VBF1115S1	FB031201.D	15 Nov 2024 7:51	YP/AJ	Ok
3	VBF1115S2	FB031202.D	15 Nov 2024 8:18	YP/AJ	Ok
4	BSF1115S1	FB031203.D	15 Nov 2024 8:44	YP/AJ	Ok
5	P4839-01	FB031204.D	15 Nov 2024 10:16	YP/AJ	Ok
6	P4839-02	FB031205.D	15 Nov 2024 10:43	YP/AJ	Ok
7	P4839-10	FB031206.D	15 Nov 2024 11:22	YP/AJ	Not Ok
8	P4839-12	FB031207.D	15 Nov 2024 11:49	YP/AJ	Ok
9	P4839-14	FB031208.D	15 Nov 2024 12:16	YP/AJ	Not Ok
10	P4839-16	FB031209.D	15 Nov 2024 12:43	YP/AJ	Dilution
11	BSF1115S2	FB031210.D	15 Nov 2024 13:09	YP/AJ	Ok,M
12	20 PPB GRO STD	FB031211.D	15 Nov 2024 13:36	YP/AJ	Ok
13	P4839-17	FB031212.D	15 Nov 2024 14:13	YP/AJ	Not Ok
14	P4839-18	FB031213.D	15 Nov 2024 14:40	YP/AJ	Ok
15	P4839-19	FB031214.D	15 Nov 2024 15:07	YP/AJ	Ok
16	P4839-20	FB031215.D	15 Nov 2024 15:34	YP/AJ	Ok
17	P4839-22	FB031216.D	15 Nov 2024 16:01	YP/AJ	Not Ok
18	P4839-07	FB031217.D	15 Nov 2024 16:28	YP/AJ	Ok
19	P4839-08	FB031218.D	15 Nov 2024 16:55	YP/AJ	Ok
20	P4839-09	FB031219.D	15 Nov 2024 17:22	YP/AJ	Ok
21	P4839-11	FB031220.D	15 Nov 2024 17:49	YP/AJ	Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111524

Review By	yogesh	Review On	11/15/2024 11:40:48 AM
Supervise By	Ankita	Supervise On	11/18/2024 1:17:29 PM
SubDirectory	FB111524	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	PP23981,PP23982,PP23983,PP23984		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

22	BSF1115S3	FB031221.D	15 Nov 2024 18:15	YP/AJ	Ok
23	20 PPB GRO STD	FB031222.D	15 Nov 2024 19:09	YP/AJ	Ok
24	P4839-04	FB031223.D	15 Nov 2024 20:29	YP/AJ	Ok
25	P4839-05	FB031224.D	15 Nov 2024 20:56	YP/AJ	Ok
26	P4839-15	FB031225.D	15 Nov 2024 21:23	YP/AJ	Ok
27	P4839-21	FB031226.D	15 Nov 2024 21:49	YP/AJ	Ok
28	P4839-13	FB031227.D	15 Nov 2024 22:16	YP/AJ	Ok
29	P4839-10	FB031228.D	15 Nov 2024 22:43	YP/AJ	Not Ok
30	P4839-14	FB031229.D	15 Nov 2024 23:10	YP/AJ	Not Ok
31	P4839-17	FB031230.D	15 Nov 2024 23:37	YP/AJ	Ok
32	P4839-22	FB031231.D	16 Nov 2024 00:04	YP/AJ	Not Ok
33	P4839-15	FB031232.D	16 Nov 2024 00:30	YP/AJ	Dilution
34	BSF1115S4	FB031233.D	16 Nov 2024 00:57	YP/AJ	Ok
35	20 PPB GRO STD	FB031234.D	16 Nov 2024 1:24	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111824

Review By	yogesh	Review On	11/18/2024 12:55:10 PM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:21 PM
SubDirectory	FB111824	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	PP23986,PP23987,PP23990		
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	FB031235.D	18 Nov 2024 10:50	YP/AJ	Ok
2	VBF1118S1	FB031236.D	18 Nov 2024 11:46	YP/AJ	Ok
3	VBF1118S2	FB031237.D	18 Nov 2024 12:13	YP/AJ	Ok
4	BSF1118S1	FB031238.D	18 Nov 2024 12:40	YP/AJ	Ok
5	P4839-03	FB031239.D	18 Nov 2024 13:18	YP/AJ	Ok
6	P4839-06	FB031240.D	18 Nov 2024 13:45	YP/AJ	Ok,M
7	P4839-12	FB031241.D	18 Nov 2024 14:12	YP/AJ	Not Ok
8	BSF1118S2	FB031242.D	18 Nov 2024 14:38	YP/AJ	Ok
9	20 PPB GRO STD	FB031243.D	18 Nov 2024 15:05	YP/AJ	Ok
10	P4909-01	FB031244.D	18 Nov 2024 17:34	YP/AJ	Not Ok
11	P4909-01	FB031245.D	18 Nov 2024 18:00	YP/AJ	Ok
12	P4909-01	FB031246.D	18 Nov 2024 18:27	YP/AJ	Not Ok
13	BSF1118S3	FB031247.D	18 Nov 2024 18:53	YP/AJ	Ok
14	20 PPB GRO STD	FB031248.D	18 Nov 2024 19:20	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 # FB111424

Review By	yogesh	Review On	11/14/2024 3:50:24 PM
Supervise By	Ankita	Supervise On	11/15/2024 9:14:02 AM
SubDirectory	FB111424	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	PP23976,PP23977,PP23978,PP23979,PP23980
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		FB031169.D	14 Nov 2024 14:06		YP/AJ	Ok
2	VBF1114S1		FB031170.D	14 Nov 2024 14:44		YP/AJ	Ok
3	VBF1114S2		FB031171.D	14 Nov 2024 15:10		YP/AJ	Ok
4	BSF1114S1		FB031172.D	14 Nov 2024 15:37		YP/AJ	Ok
5	P4839-01		FB031173.D	14 Nov 2024 16:20	Need further 10X Dilution	YP/AJ	Dilution
6	P4839-02		FB031174.D	14 Nov 2024 16:46	Need further 20X Dilution	YP/AJ	Dilution
7	P4839-03		FB031175.D	14 Nov 2024 17:13	Need further 5X Dilution	YP/AJ	Dilution
8	P4839-04		FB031176.D	14 Nov 2024 17:40	Need further 2X Dilution	YP/AJ	Dilution
9	P4839-05		FB031177.D	14 Nov 2024 18:06	Need further 10X Dilution	YP/AJ	Dilution
10	P4839-06		FB031178.D	14 Nov 2024 18:33	Need further 10X Dilution	YP/AJ	Dilution
11	BSF1114S2		FB031179.D	14 Nov 2024 19:00		YP/AJ	Ok
12	20 PPB GRO STD		FB031180.D	14 Nov 2024 20:20		YP/AJ	Ok
13	P4839-07		FB031181.D	14 Nov 2024 20:47	Need further 5X Dilution	YP/AJ	Dilution
14	P4839-08		FB031182.D	14 Nov 2024 21:13	Need further 10X Dilution	YP/AJ	Dilution
15	P4839-09		FB031183.D	14 Nov 2024 21:40	Need further 10X Dilution	YP/AJ	Dilution
16	P4839-10		FB031184.D	14 Nov 2024 22:06		YP/AJ	Ok
17	P4839-11		FB031185.D	14 Nov 2024 22:33	Need further 5X Dilution	YP/AJ	Dilution
18	P4839-12		FB031186.D	14 Nov 2024 23:00	Vial-C	YP/AJ	Not Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111424

Review By	yogesh	Review On	11/14/2024 3:50:24 PM
Supervise By	Ankita	Supervise On	11/15/2024 9:14:02 AM
SubDirectory	FB111424	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	PP23976,PP23977,PP23978,PP23979,PP23980		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

19	P4839-13		FB031187.D	14 Nov 2024 23:26	Need further 50X Dilution	YP/AJ	Dilution
20	P4839-14		FB031188.D	14 Nov 2024 23:53		YP/AJ	Ok
21	P4839-15		FB031189.D	15 Nov 2024 00:20	Need further 10X Dilution	YP/AJ	Dilution
22	BSF1114S3		FB031190.D	15 Nov 2024 00:46		YP/AJ	Ok
23	20 PPB GRO STD		FB031191.D	15 Nov 2024 1:13		YP/AJ	Ok
24	P4839-16		FB031192.D	15 Nov 2024 2:33	vial-C	YP/AJ	Ok
25	P4839-17		FB031193.D	15 Nov 2024 2:59	vial-C	YP/AJ	Not Ok
26	P4839-18		FB031194.D	15 Nov 2024 3:26	vial-C	YP/AJ	Not Ok
27	P4839-19		FB031195.D	15 Nov 2024 3:52	vial-C	YP/AJ	Not Ok
28	P4839-20		FB031196.D	15 Nov 2024 4:19	vial-C	YP/AJ	Not Ok
29	P4839-21		FB031197.D	15 Nov 2024 4:45	Need further 5X Dilution	YP/AJ	Dilution
30	P4839-22		FB031198.D	15 Nov 2024 5:12		YP/AJ	Ok
31	20 PPB GRO STD		FB031199.D	15 Nov 2024 5:38		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111524

Review By	yogesh	Review On	11/15/2024 11:40:48 AM				
Supervise By	Ankita	Supervise On	11/18/2024 1:17:29 PM				
SubDirectory	FB111524	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		PP23981,PP23982,PP23983,PP23984					
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		FB031200.D	15 Nov 2024 6:32		YP/AJ	Ok
2	VBF1115S1		FB031201.D	15 Nov 2024 7:51		YP/AJ	Ok
3	VBF1115S2		FB031202.D	15 Nov 2024 8:18		YP/AJ	Ok
4	BSF1115S1		FB031203.D	15 Nov 2024 8:44		YP/AJ	Ok
5	P4839-01		FB031204.D	15 Nov 2024 10:16	vial-C ,Surrogate fail	YP/AJ	Ok
6	P4839-02		FB031205.D	15 Nov 2024 10:43	vial-C ,Surrogate fail	YP/AJ	Ok
7	P4839-10		FB031206.D	15 Nov 2024 11:22	vial-A , Not purged	YP/AJ	Not Ok
8	P4839-12		FB031207.D	15 Nov 2024 11:49	vial-A , Surrogate fail	YP/AJ	Ok
9	P4839-14		FB031208.D	15 Nov 2024 12:16	vial-A ,not purged	YP/AJ	Not Ok
10	P4839-16		FB031209.D	15 Nov 2024 12:43	vial-A , need 50x	YP/AJ	Dilution
11	BSF1115S2		FB031210.D	15 Nov 2024 13:09		YP/AJ	Ok,M
12	20 PPB GRO STD		FB031211.D	15 Nov 2024 13:36		YP/AJ	Ok
13	P4839-17		FB031212.D	15 Nov 2024 14:13	vial-A ,not purged	YP/AJ	Not Ok
14	P4839-18		FB031213.D	15 Nov 2024 14:40	vial-A	YP/AJ	Ok
15	P4839-19		FB031214.D	15 Nov 2024 15:07	vial-A	YP/AJ	Ok
16	P4839-20		FB031215.D	15 Nov 2024 15:34	vial-A	YP/AJ	Ok
17	P4839-22		FB031216.D	15 Nov 2024 16:01	vial-A ,not purged	YP/AJ	Not Ok
18	P4839-07		FB031217.D	15 Nov 2024 16:28	vial-C ,Surrogate fail	YP/AJ	Ok

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111524

Review By	yogesh	Review On	11/15/2024 11:40:48 AM
Supervise By	Ankita	Supervise On	11/18/2024 1:17:29 PM
SubDirectory	FB111524	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	PP23981,PP23982,PP23983,PP23984		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP23535,PP23922		

19	P4839-08		FB031218.D	15 Nov 2024 16:55	vial-C	YP/AJ	Ok
20	P4839-09		FB031219.D	15 Nov 2024 17:22	vial-C ,Surrogate fail	YP/AJ	Ok
21	P4839-11		FB031220.D	15 Nov 2024 17:49	vial-C	YP/AJ	Ok
22	BSF1115S3		FB031221.D	15 Nov 2024 18:15		YP/AJ	Ok
23	20 PPB GRO STD		FB031222.D	15 Nov 2024 19:09		YP/AJ	Ok
24	P4839-04		FB031223.D	15 Nov 2024 20:29	vial-C	YP/AJ	Ok
25	P4839-05		FB031224.D	15 Nov 2024 20:56	vial-C ,Surrogate fail	YP/AJ	Ok
26	P4839-15		FB031225.D	15 Nov 2024 21:23	vial-C ,Surrogate fail	YP/AJ	Ok
27	P4839-21		FB031226.D	15 Nov 2024 21:49	vial-C	YP/AJ	Ok
28	P4839-13		FB031227.D	15 Nov 2024 22:16	vial-C ,Surrogate fail	YP/AJ	Ok
29	P4839-10		FB031228.D	15 Nov 2024 22:43	vial-B ,not purged	YP/AJ	Not Ok
30	P4839-14		FB031229.D	15 Nov 2024 23:10	vial-B ,not purged	YP/AJ	Not Ok
31	P4839-17		FB031230.D	15 Nov 2024 23:37	vial-B	YP/AJ	Ok
32	P4839-22		FB031231.D	16 Nov 2024 00:04	vial-A , Surrogate fail	YP/AJ	Not Ok
33	P4839-15		FB031232.D	16 Nov 2024 00:30	vial-C , need dilution	YP/AJ	Dilution
34	BSF1115S4		FB031233.D	16 Nov 2024 00:57		YP/AJ	Ok
35	20 PPB GRO STD		FB031234.D	16 Nov 2024 1:24		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB111824

Review By	yogesh	Review On	11/18/2024 12:55:10 PM
Supervise By	Ankita	Supervise On	11/19/2024 4:48:21 PM
SubDirectory	FB111824	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	PP23986,PP23987,PP23990		
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		FB031235.D	18 Nov 2024 10:50		YP/AJ	Ok
2	VBF1118S1		FB031236.D	18 Nov 2024 11:46		YP/AJ	Ok
3	VBF1118S2		FB031237.D	18 Nov 2024 12:13		YP/AJ	Ok
4	BSF1118S1		FB031238.D	18 Nov 2024 12:40		YP/AJ	Ok
5	P4839-03		FB031239.D	18 Nov 2024 13:18	vial-c	YP/AJ	Ok
6	P4839-06		FB031240.D	18 Nov 2024 13:45	vial-c	YP/AJ	Ok,M
7	P4839-12		FB031241.D	18 Nov 2024 14:12	vial-B , Not purged	YP/AJ	Not Ok
8	BSF1118S2		FB031242.D	18 Nov 2024 14:38		YP/AJ	Ok
9	20 PPB GRO STD		FB031243.D	18 Nov 2024 15:05		YP/AJ	Ok
10	P4909-01		FB031244.D	18 Nov 2024 17:34	vial-c , not rerquired	YP/AJ	Not Ok
11	P4909-01		FB031245.D	18 Nov 2024 18:00	vial-A ,	YP/AJ	Ok
12	P4909-01		FB031246.D	18 Nov 2024 18:27	vial-B, not rerquired	YP/AJ	Not Ok
13	BSF1118S3		FB031247.D	18 Nov 2024 18:53		YP/AJ	Ok
14	20 PPB GRO STD		FB031248.D	18 Nov 2024 19:20		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/15/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 16:50
In Date: 11/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 11/15/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133451

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
P4839-01	EX-9-TPH-9	1	1.14	8.58	9.72	8.44	85.1	
P4839-02	EX-9-TPH-10	2	1.15	8.54	9.69	8.61	87.4	
P4839-03	EX-9-TPH-11	3	1.18	8.53	9.71	8.55	86.4	
P4839-04	EX-9-TPH-12	4	1.15	8.82	9.97	8.85	87.3	
P4839-05	EX-9-TPH-13	5	1.12	8.70	9.82	8.64	86.4	
P4839-06	EX-9-TPH-14	6	1.15	8.82	9.97	8.9	87.9	
P4839-07	EX-9-TPH-15	7	1.15	8.40	9.55	8.1	82.7	
P4839-08	EX-9-TPH-16	8	1.15	8.83	9.98	8.54	83.7	
P4839-09	EX-9-TPH-17	9	1.15	8.82	9.97	9.06	89.7	
P4839-10	EX-9-TPH-18	10	1.12	8.87	9.99	8.13	79.0	
P4839-11	EX-9-TPH-19	11	1.16	8.73	9.89	8.43	83.3	
P4839-12	EX-9-TPH-20	12	1.14	8.80	9.94	8.11	79.2	
P4839-13	EX-9-TPH-21	13	1.16	8.47	9.63	7.99	80.6	
P4839-14	EX-10-TPH-1	14	1.14	8.56	9.7	8.41	84.9	
P4839-15	EX-10-TPH-2	15	1.18	8.80	9.98	8.57	84.0	
P4839-16	EX-10-TPH-3	16	1.17	8.60	9.77	7.84	77.6	
P4839-17	EX-4-TPH-1	17	1.13	8.80	9.93	8.51	83.9	
P4839-18	EX-4-TPH-2	18	1.13	8.81	9.94	8.69	85.8	
P4839-19	EX-4-TPH-3	19	1.15	8.82	9.97	8.58	84.2	
P4839-20	EX-4-TPH-4	20	1.17	8.40	9.57	8.22	83.9	
P4839-21	EX-4-TPH-5	21	1.18	8.81	9.99	8.65	84.8	
P4839-22	EX-4-TPH-6	22	1.15	8.82	9.97	9.04	89.5	
P4848-01	TP-1	26	1.17	8.58	9.75	8.49	85.3	
P4849-01	RR-1	27	1.18	8.64	9.82	8.88	89.1	
P4850-01	OR-03-11142024	28	1.15	8.53	9.68	9.11	93.3	
P4850-02	OR-03-11142024-E2	29	1.18	8.60	9.78	8.81	88.7	
P4852-01	COMP-1	23	1.16	8.45	9.61	8.19	83.2	
P4852-02	COMP-2	24	1.17	8.60	9.77	8.17	81.4	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/15/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 16:50
In Date: 11/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 11/15/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133451

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
P4852-03	COMP-3	25	1.15	8.81	9.96	8.94	88.4	
P4857-01	ETGI-328	30	1.16	8.50	9.66	8.75	89.3	
P4857-02	ETGI-328-E2	31	1.00	1.00	2.00	2.00	100.0	debris
P4857-03	VNJ-226	32	1.18	8.72	9.9	9.37	93.9	
P4857-04	VNJ-226-E2	33	1.15	8.76	9.91	9.38	93.9	
P4858-01	BC258780-1-1	34	1.00	1.00	2.00	2.00	100.0	pilc
P4858-02	BC258780-1-2	35	1.00	1.00	2.00	2.00	100.0	pilc
P4858-03	BC258780-2-1	36	1.00	1.00	2.00	2.00	100.0	pilc
P4858-04	BC258780-2-2	37	1.00	1.00	2.00	2.00	100.0	pilc
P4858-05	HIH269B-1-1	38	1.00	1.00	2.00	2.00	100.0	pilc
P4858-06	HIH269B-1-2	39	1.00	1.00	2.00	2.00	100.0	pilc
P4858-07	BC225734-1-1	40	1.00	1.00	2.00	2.00	100.0	pilc
P4858-08	BC225734-1-2	41	1.00	1.00	2.00	2.00	100.0	pilc
P4858-09	BC225734-2-1	42	1.00	1.00	2.00	2.00	100.0	pilc
P4858-10	BC225734-2-2	43	1.00	1.00	2.00	2.00	100.0	pilc
P4858-11	BC248150-1-1	44	1.00	1.00	2.00	2.00	100.0	pilc
P4858-12	BC248150-1-2	45	1.00	1.00	2.00	2.00	100.0	pilc
P4858-13	Y2309-0044-1-1	46	1.00	1.00	2.00	2.00	100.0	pilc
P4858-14	Y2309-0044-1-2	47	1.00	1.00	2.00	2.00	100.0	pilc
P4858-15	BC274768-1-1	48	1.00	1.00	2.00	2.00	100.0	pilc
P4858-16	BC274768-1-2	49	1.00	1.00	2.00	2.00	100.0	pilc
P4858-17	BC274601-1-1	50	1.00	1.00	2.00	2.00	100.0	pilc
P4858-18	BC274601-1-2	51	1.00	1.00	2.00	2.00	100.0	pilc
P4859-01	NB-08-111424	52	1.18	8.54	9.72	9.03	91.9	
P4859-02	NB-08-111424-E2	53	1.19	8.52	9.71	9.04	92.1	

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

WORKLIST(Hardcopy Internal Chain)

133451

WorkList Name : %1-111424

WorkList ID : 185415

Department : Wet-Chemistry

Date : 11-14-2024 07:57:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4839-01	EX-9-TPH-9	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-02	EX-9-TPH-10	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-03	EX-9-TPH-11	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-04	EX-9-TPH-12	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-05	EX-9-TPH-13	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-06	EX-9-TPH-14	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-07	EX-9-TPH-15	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-08	EX-9-TPH-16	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-09	EX-9-TPH-17	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-10	EX-9-TPH-18	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-11	EX-9-TPH-19	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-12	EX-9-TPH-20	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-13	EX-9-TPH-21	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-14	EX-10-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-15	EX-10-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-16	EX-10-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-17	EX-4-TPH-1	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-18	EX-4-TPH-2	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-19	EX-4-TPH-3	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-20	EX-4-TPH-4	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4839-21	EX-4-TPH-5	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO

Date/Time 11-14-24 16:10
 Raw Sample Received by: JG
 Raw Sample Relinquished by: PS (Ext Lab)

Date/Time 11-14-24 17:10
 Raw Sample Received by: PS (Ext Lab)
 Raw Sample Relinquished by: JG

WORKLIST(Hardcopy Internal Chain)

VB 133451

WorkList Name : %1-111424

WorkList ID : 185415

Department : Wet-Chemistry

Date : 11-14-2024 07:57:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4839-22	EX-4-TPH-6	Solid	Percent Solids	Cool 4 deg C	ENTA05	L31	11/13/2024	Chemtech -SO
P4848-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	11/14/2024	Chemtech -SO
P4849-01	RR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	11/14/2024	Chemtech -SO
P4850-01	OR-03-11142024	Solid	Percent Solids	Cool 4 deg C	PSEG05	L11	11/14/2024	Chemtech -SO
P4850-02	OR-03-11142024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L11	11/14/2024	Chemtech -SO
P4852-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	11/13/2024	Chemtech -SO
P4852-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	11/13/2024	Chemtech -SO
P4852-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	L41	11/13/2024	Chemtech -SO
P4857-01	ETGI-328	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	11/14/2024	Chemtech -SO
P4857-02	ETGI-328-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	11/14/2024	Chemtech -SO
P4857-03	VNJ-226	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	11/14/2024	Chemtech -SO
P4857-04	VNJ-226-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	11/14/2024	Chemtech -SO
P4858-01	BC258780-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-02	BC258780-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-03	BC258780-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-04	BC258780-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-05	HIH269B-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-06	HIH269B-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-07	BC225734-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-08	BC225734-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-09	BC225734-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO

Date/Time 11-14-24 16:10
 Raw Sample Received by: JG (ent)
 Raw Sample Relinquished by: AS (EG-66)

Date/Time 11-24-24
 Raw Sample Received by: AS (EG-66)
 Raw Sample Relinquished by: JG (ent)

WORKLIST(Hardcopy Internal Chain)

133451

WorkList Name : %1-111424 WorkList ID : 185415 Department : Wet-Chemistry Date : 11-14-2024 07:57:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4858-10	BC225734-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-11	BC248150-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-12	BC248150-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-13	Y2309-0044-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-14	Y2309-0044-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-15	BC274768-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-16	BC274768-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-17	BC274601-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4858-18	BC274601-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/14/2024	Chemtech -SO
P4859-01	NB-08-111424	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	11/14/2024	Chemtech -SO
P4859-02	NB-08-111424-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	11/14/2024	Chemtech -SO

Date/Time

11-14-24 16:10

Raw Sample Received by:

JS (Ext-66)

Raw Sample Relinquished by:

JS (Ext-66)

Date/Time

11-14-24 17:10

Raw Sample Received by:

JS (Ext-66)

Raw Sample Relinquished by:

JS (Ext-66)

Prep Standard - Chemical Standard Summary

Order ID : P4839

Test : Gasoline Range Organics

Prepbatch ID :

Sequence ID/Qc Batch ID: FB111424,FB111524,FB111824,

Standard ID :

PP23534,PP23535,PP23538,PP23917,PP23918,PP23919,PP23920,PP23921,PP23922,PP23976,PP23977,PP23978,PP23979,PP23980,PP23981,PP23982,PP23983,PP23984,PP23986,PP23987,PP23990,

Chemical ID :

P11121,P9826,V11252,V14143,W3112,

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
231	10 PPM GRO STD 1ST SOURCE	PP23534	07/29/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								07/30/2024

FROM 0.11100ml of P9826 + 9.89000ml of V14143 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
233	10 PPM GRO STD 2nd SOURCE	PP23535	07/29/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								07/30/2024

FROM 0.11100ml of P11121 + 9.89000ml of V14143 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3619	25 PPM AAA-TFT Surg	PP23538	07/29/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								07/30/2024

FROM 0.10000ml of V11252 + 9.90000ml of V14143 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
238	5 PPB ICC GRO STD	PP23917	10/28/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								10/28/2024

FROM 5.00000ml of W3112 + 0.00100ml of PP23538 + 0.00250ml of PP23534 = Final Quantity: 5.004 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
237	10 PPB ICC GRO STD	PP23918	10/28/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								10/28/2024

FROM 5.00000ml of W3112 + 0.00200ml of PP23538 + 0.00500ml of PP23534 = Final Quantity: 5.007 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
239	20 PPB ICC GRO STD	PP23919	10/28/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								10/28/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
235	50 PPB ICC GRO STD	PP23920	10/28/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								10/28/2024

FROM 5.00000ml of W3112 + 0.01000ml of PP23538 + 0.02500ml of PP23534 = Final Quantity: 5.035 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
234	100 PPB ICC GRO STD	PP23921	10/28/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								10/28/2024

FROM 5.00000ml of W3112 + 0.02000ml of PP23538 + 0.05000ml of PP23534 = Final Quantity: 5.070 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
240	20 PPB ICV GRO STD	PP23922	10/28/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								10/28/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23535 = Final Quantity: 5.014 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23976	11/14/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23977	11/14/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23978	11/14/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23979	11/14/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23980	11/14/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23981	11/15/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani 11/21/2024
<u>FROM</u> 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23982	11/15/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani 11/21/2024
<u>FROM</u> 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml								

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23983	11/15/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23984	11/15/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23986	11/18/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23987	11/18/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani
								11/21/2024

FROM 5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
241	20 PPB CCC GRO STD	PP23990	11/18/2024	01/22/2025	Yogesh Patel	None	None	Ankita Jodhani 11/21/2024
<u>FROM</u>	5.00000ml of W3112 + 0.00400ml of PP23538 + 0.01000ml of PP23534 = Final Quantity: 5.014 ml							

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30065 / GRO Mix (EPA)	A0161776	01/25/2025	07/25/2024 / yogesh	02/10/2021 / Sohil	P11121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30065 / GRO Mix (EPA)	A0155991	01/25/2025	07/25/2024 / yogesh	09/11/2020 / DHAVAL	P9826

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30068 / VOA Mix, a, a, a-trifluorotoluene 2500ug/ml, P&T methanol, 1ml	A0158026	05/31/2028	11/27/2023 / yogesh	09/11/2020 / DHAVAL	V11252

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	22L0562016	01/22/2025	07/22/2024 / SAM	02/06/2024 / SAM	V14143

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30065 **Lot No.:** A0161776

Description : Gasoline Range Organics Mix (EPA)

Gasoline Range Organics Mix (EPA) 500 - 1500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	2-Methylpentane CAS # 107-83-5 (Lot MKCB1674V) Purity 99%	1,507.0 µg/mL	+/- 8.9511 µg/mL Gravimetric +/- 84.5158 µg/mL Unstressed +/- 86.4925 µg/mL Stressed
2	2,2,4-Trimethylpentane (isooctane) CAS # 540-84-1 (Lot SHBF8066V) Purity 99%	1,511.0 µg/mL	+/- 8.9749 µg/mL Gravimetric +/- 84.7402 µg/mL Unstressed +/- 86.7221 µg/mL Stressed
3	n-Heptane (C7) CAS # 142-82-5 (Lot SHBK8626) Purity 98%	498.8 µg/mL	+/- 2.9628 µg/mL Gravimetric +/- 27.9749 µg/mL Unstressed +/- 28.6292 µg/mL Stressed
4	Benzene CAS # 71-43-2 (Lot SHBK5679) Purity 99%	500.0 µg/mL	+/- 2.9698 µg/mL Gravimetric +/- 28.0411 µg/mL Unstressed +/- 28.6969 µg/mL Stressed
5	Toluene CAS # 108-88-3 (Lot MKCH9232) Purity 99%	1,510.0 µg/mL	+/- 8.9689 µg/mL Gravimetric +/- 84.6841 µg/mL Unstressed +/- 86.6647 µg/mL Stressed
6	Ethylbenzene CAS # 100-41-4 (Lot SHBL0706) Purity 99%	504.0 µg/mL	+/- 2.9936 µg/mL Gravimetric +/- 28.2654 µg/mL Unstressed +/- 28.9265 µg/mL Stressed
7	m-Xylene CAS # 108-38-3 (Lot SHBL0265) Purity 99%	1,005.0 µg/mL	+/- 5.9694 µg/mL Gravimetric +/- 56.3626 µg/mL Unstressed +/- 57.6808 µg/mL Stressed

8	o-Xylene		(Lot SHBK7739)	1,007.0	µg/mL	+/-	5.9813	µg/mL	Gravimetric
	CAS #	95-47-6				+/-	56.4747	µg/mL	Unstressed
	Purity	99%				+/-	57.7956	µg/mL	Stressed
9	1,2,4-Trimethylbenzene		(Lot WXBC4246V)	1,008.0	µg/mL	+/-	5.9872	µg/mL	Gravimetric
	CAS #	95-63-6				+/-	56.5308	µg/mL	Unstressed
	Purity	99%				+/-	57.8530	µg/mL	Stressed
Solvent:	P&T Methanol								
	CAS #	67-56-1							
	Purity	99%							

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

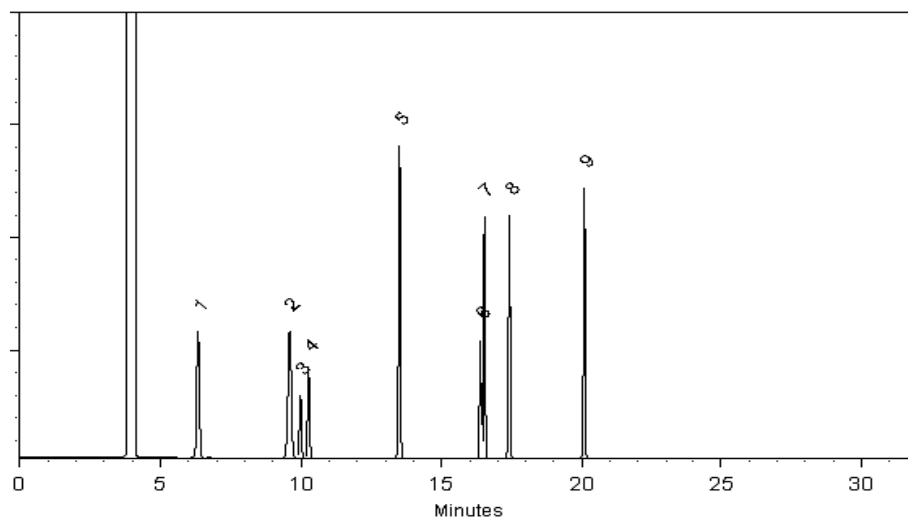
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cydnei L. Crust
Cydnei L. Crust - Mix Technician

Date Mixed: 15-Jun-2020

Balance: B251644995

Fang-Yun Lo
Fang-Yun Lo - QC Analyst

Date Passed: 17-Jun-2020

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis



Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titration Acid (μeq/g)	≤ 0.3	0.2
Titration Base (μeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory, Research, or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

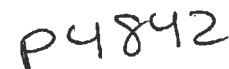


SHIPPING DOCUMENTS



04842
p4839

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD											
LOCATION	ENTACT LLC		PROJECT	North Point			NUMBER OF CONTAINERS TPH analysis(EPH Cat2, DRO & GRO) (80'15)											
ATTN	Wyatt Seel		BILLING INFORMATION															
ADDRESS	150 Bay Street, Suite 801		BILL TO	ENTACT LLC														
	Jersey City, NJ		ADDRESS	999 Oakmont Plaza Drive Suite 300 Westmont, IL 60559														
PHONE	419-266-4671		PHONE	630-986-2900														
FAX			FAX	PO# E9306														
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE												COMMENTS
EX-9-TPH-9	TPH	11/13	11:00	Soil	G	Teracore / 8oz	2	X										
EX-9-TPH-10	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-11	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-12	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-13	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-14	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-15	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-16	TPH	11/13	11:00	Soil	G		2	X										
EX-9-TPH-17	TPH	11/13	11:00	Soil	G		2	X										
SAMPLER	A. Farmerie		SHIPMENT	courier Temp 3.6°C				AIRBILL										
REQUIRED TURNAROUND			☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER:															
1. RELINQUISHED BY		DATE	2. RELINQUISHED BY				DATE	3. RELINQUISHED BY				DATE						
SIGNATURE: 		11-13-24	SIGNATURE:					SIGNATURE: 				11-13-24						
PRINTED NAME/COMPANY: Austin Farmerie ENTACT			PRINTED NAME/COMPANY:					PRINTED NAME/COMPANY: Jahmir Davis Alliance				1735						
1. RECEIVED BY		DATE	2. RECEIVED BY				DATE	3. RECEIVED BY				DATE						
SIGNATURE: 		11-13-24	SIGNATURE:					SIGNATURE:										
PRINTED NAME/COMPANY: Jahmir Davis Alliance		1415	PRINTED NAME/COMPANY:					PRINTED NAME/COMPANY:										



NO. 2 OF 3

COMPANY INFORMATION						PROJECT INFORMATION							REQUESTED ANALYSIS/METHOD							
LOCATION ENTACT LLC						PROJECT North Point														
ATTN Wyatt Seel						BILLING INFORMATION														
ADDRESS 150 Bay Street, Suite 801 Jersey City, NJ						BILL TO ENTACT LLC ADDRESS 999 Oakmont Plaza Drive Suite 300 Westmont, IL 60559														
PHONE 419-266-4671						PHONE 630-986-2900														
FAX						FAX							PO# E9306							
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TPH analysis(EPH Cat2, DRO & GRO)	(8015)										COMMENTS	
EX-9-TPH-18	TPH	11/13	11:00	Soil	G	Teracore / 8oz	2	X												
EX-9-TPH-19	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-20	TPH	11/13	11:00	Soil	G		2	X												
EX-9-TPH-21	TPH	11/13	11:00	Soil	G		2	X												
EX-10-TPH-1	TPH	11/13	11:00	Soil	G		2	X												
EX-10-TPH-2	TPH	11/13	11:00	Soil	G		2	X												
EX-10-TPH-3	TPH	11/13	11:00	Soil	G		2	X												
EX-4-TPH-1	TPH	11/13	11:00	Soil	G		2	X	X											
EX-4-TPH-2	TPH	11/13	11:00	Soil	G		2	X												
SAMPLER		A. Farmerie				SHIPMENT		courier Temp 36C				AIRBILL								
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER:																		
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY				DATE		3. RELINQUISHED BY				DATE						
SIGNATURE: 		11-13-24		SIGNATURE:						SIGNATURE: 				11-13-24						
PRINTED NAME/COMPANY: Austin Farmerie ENTACT				PRINTED NAME/COMPANY:						PRINTED NAME/COMPANY: Jahmir Davis Alliance				1735						
1. RECEIVED BY		DATE		2. RECEIVED BY				DATE		3. RECEIVED BY				DATE						
SIGNATURE: 		11-13-24		SIGNATURE:						SIGNATURE:										
PRINTED NAME/COMPANY: Jahmir Davis Alliance		1415		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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4839	ENTA05	Order Date : 11/13/2024 2:21:00 PM	Project Mgr : Yazmeen
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 11/13/2024 2:15:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 18:35	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff : 11/14/2024 12:01:17 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4839-01	EX-9-TPH-9	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-02	EX-9-TPH-10	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-03	EX-9-TPH-11	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-04	EX-9-TPH-12	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-05	EX-9-TPH-13	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-06	EX-9-TPH-14	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-07	EX-9-TPH-15	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-08	EX-9-TPH-16	Solid	11/13/2024	11:00					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4839	ENTA05	Order Date : 11/13/2024 2:21:00 PM	Project Mgr : Yazmeen
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 11/13/2024 2:15:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 18:35	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff : 11/14/2024 12:01:17 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-09	EX-9-TPH-17	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-10	EX-9-TPH-18	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-11	EX-9-TPH-19	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-12	EX-9-TPH-20	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-13	EX-9-TPH-21	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-14	EX-10-TPH-1	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days
P4839-15	EX-10-TPH-2	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D		5 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4839	ENTA05	Order Date : 11/13/2024 2:21:00 PM	Project Mgr : Yazmeen
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 11/13/2024 2:15:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 18:35	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff : 11/14/2024 12:01:17 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4839-16	EX-10-TPH-3	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-17	EX-4-TPH-1	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-18	EX-4-TPH-2	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-19	EX-4-TPH-3	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-20	EX-4-TPH-4	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-21	EX-4-TPH-5	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4839-22	EX-4-TPH-6	Solid	11/13/2024	11:00					
					Gasoline Range Organics		8015D	5 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4839	ENTA05	Order Date : 11/13/2024 2:21:00 PM	Project Mgr : Yazmeen
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 11/13/2024 2:15:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 18:35	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff : 11/14/2024 12:01:17 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
--------	-----------	--------	----------------	----------------	------	------------	--------	----------	--------------

Relinquished By : 
Date / Time : 11/14/24 12:20

Received By : 
Date / Time : 11.14.24 12:20

Storage Area : VOA Refridgerator Room