

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID:	Q3301	OrderDate:	10/6/2025 4:22:50 PM
Client:	Ronald Adams	Project:	19 Ashlynn Court
Contact:	Ronald Adams	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3301-01	SOIL	Solid	EPH Gasoline Range Organics	NJEPH 8015D	09/10/25	10/07/25	10/08/25 10/08/25	10/06/25



QC SUMMARY



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

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: Ronald Adams

Lab Code: ACE

SDG No.: Q3301

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF1008S2	102				0
BSF1008S1	102				0
BSF1008S2	107				0
SOIL	146				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: Alliance

Client: Ronald Adams

Lab Code: ACE

SDG No: Q3301

Client Sample ID : BSF1008S1

Datafile: FB032239.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	175	97	50-150

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

Lab Name: Alliance

Client: Ronald Adams

Lab Code: ACE

SDG No: Q3301

Client Sample ID : BSF1008S2

Datafile: FB032240.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	189	105	50-150

LCS/LCSD % Recovery RPD : 7.7

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1008S2

Lab Name: Alliance

Contract: RONA02

Lab Code: ACE

SDG NO.: Q3301

Lab File ID: FB032238.D

Lab Sample ID: VBF1008S2

Date Analyzed: 10/08/25

Time Analyzed: 10:39

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:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
20 PPB GRO STD	20 PPB GRO STD	FB032236.D	10/08/25
BSF1008S1	BSF1008S1	FB032239.D	10/08/25
BSF1008S2	BSF1008S2	FB032240.D	10/08/25
SOIL	Q3301-01	FB032244.D	10/08/25
20 PPB GRO STD	20 PPB GRO STD	FB032246.D	10/08/25

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOIL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81
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
FB032244.D	50	10/08/25 13:59	FB100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	24100		510	2780	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	29.2		50 - 150	146%	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\FB100825\
Data File : FB032244.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 13:59
Operator : YP/AJ
Sample : Q3301-01 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibrat.e
Quant Time: Oct 09 04:11:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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	522123	29.170 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

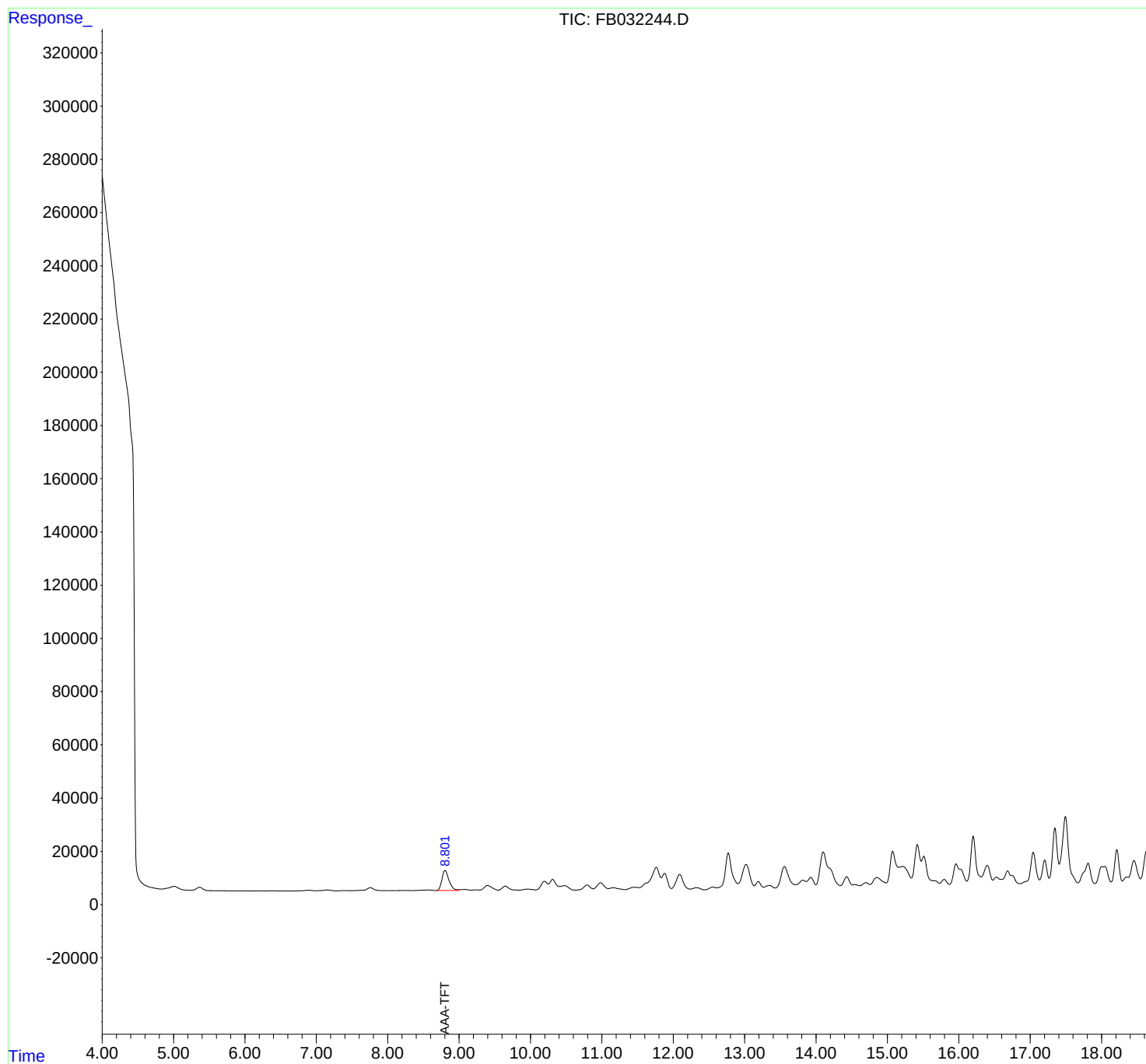
(m)=manual int.

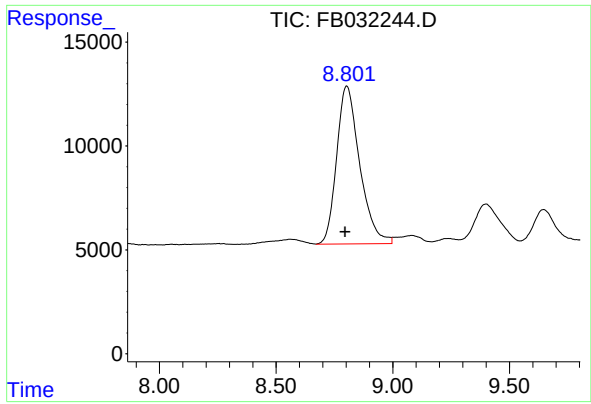
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032244.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 13:59
Operator : YP/AJ
Sample : Q3301-01 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibrat.e
Quant Time: Oct 09 04:11:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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.: 0.006 min
Response: 522123
Conc: 29.17 ng/ml

Instrument :
FID_B
ClientSampleId :

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
 Data File : FB032244.D
 Signal(s) : FID2B.CH
 Acq On : 8 Oct 2025 13:59
 Sample : Q3301-01 50X
 Misc : 5.00G/5.00 ML ME0H
 ALS Vial : 9 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.009	4.804	5.227	BV	1235	106323	8.76%	0.835%
2	5.620	5.611	5.628	PV	15	94	0.01%	0.001%
3	5.640	5.628	5.693	VV	29	900	0.07%	0.007%
4	5.721	5.693	5.752	PV	37	728	0.06%	0.006%
5	5.767	5.752	5.784	VV	20	218	0.02%	0.002%
6	5.806	5.784	5.833	VV	19	325	0.03%	0.003%
7	5.867	5.833	5.879	VV	28	433	0.04%	0.003%
8	5.892	5.879	5.903	VV	14	162	0.01%	0.001%
9	5.913	5.903	5.918	VV	20	110	0.01%	0.001%
10	5.933	5.918	5.946	VV	31	293	0.02%	0.002%
11	5.954	5.946	5.979	VV	11	167	0.01%	0.001%
12	6.004	5.979	6.074	VB	26	785	0.06%	0.006%
13	6.185	6.076	6.260	BV	42	2509	0.21%	0.020%
14	6.278	6.260	6.292	VV	22	280	0.02%	0.002%
15	6.378	6.292	6.391	VV	68	2592	0.21%	0.020%
16	6.401	6.391	6.419	VV	66	950	0.08%	0.007%
17	6.426	6.419	6.510	VV	53	1243	0.10%	0.010%
18	6.529	6.510	6.552	PV	15	212	0.02%	0.002%
19	6.571	6.552	6.608	VV	16	277	0.02%	0.002%
20	6.642	6.608	6.649	PV	19	262	0.02%	0.002%
21	6.666	6.649	6.679	VV	27	322	0.03%	0.003%
22	6.744	6.679	6.756	VV	56	1616	0.13%	0.013%
23	6.903	6.756	7.005	VV	293	22660	1.87%	0.178%
24	7.159	7.005	7.277	VV	378	29715	2.45%	0.233%
25	7.403	7.277	7.415	PV	111	4980	0.41%	0.039%
26	7.423	7.415	7.491	VV	110	3812	0.31%	0.030%
27	7.574	7.491	7.581	VV	147	4801	0.40%	0.038%
28	7.644	7.581	7.655	VV	233	8299	0.68%	0.065%
29	7.755	7.655	7.918	VV	1196	80651	6.65%	0.634%
30	7.928	7.918	7.934	VV	66	522	0.04%	0.004%
31	7.940	7.934	7.954	VV	62	614	0.05%	0.005%

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32	7.985	7.954	8.016	VV	52	1568	0.13%	0.012%
33	8.054	8.016	8.085	VV	70	2134	0.18%	0.017%
34	8.110	8.085	8.133	VV	60	1418	0.12%	0.011%
35	8.213	8.133	8.223	VV	69	3248	0.27%	0.026%
36	8.255	8.223	8.265	VV	84	1853	0.15%	0.015%
37	8.275	8.265	8.314	VV	78	1675	0.14%	0.013%
38	8.354	8.314	8.361	VV	51	1125	0.09%	0.009%
39	8.562	8.361	8.671	VV	264	27400	2.26%	0.215%
40	8.803	8.671	9.008	VV	7621	528561	43.56%	4.153%
41	9.082	9.008	9.168	VV	409	28441	2.34%	0.223%
42	9.240	9.168	9.288	VV	246	13925	1.15%	0.109%
43	9.399	9.288	9.547	VV	1896	145150	11.96%	1.141%
44	9.646	9.547	9.853	VV	1611	110520	9.11%	0.868%
45	9.956	9.853	10.070	VV	458	40003	3.30%	0.314%
46	10.196	10.070	10.254	VV	3401	211093	17.40%	1.659%
47	10.310	10.254	10.411	VV	4114	258700	21.32%	2.033%
48	10.474	10.411	10.622	VV	1739	129897	10.70%	1.021%
49	10.793	10.622	10.879	VV	1943	127681	10.52%	1.003%
50	10.983	10.879	11.089	VV	2766	199486	16.44%	1.567%
51	11.164	11.089	11.324	VV	906	80556	6.64%	0.633%
52	11.464	11.324	11.521	VV	1032	86765	7.15%	0.682%
53	11.763	11.521	11.832	VV	8495	792165	65.28%	6.225%
54	11.879	11.832	11.975	VV	6239	331078	27.28%	2.601%
55	12.090	11.975	12.240	VV	5788	408122	33.63%	3.207%
56	12.326	12.240	12.437	VV	808	56684	4.67%	0.445%
57	12.554	12.437	12.610	PV	932	55917	4.61%	0.439%
58	12.770	12.610	12.907	VV	13685	918530	75.69%	7.217%
59	13.020	12.907	13.134	VV	9180	705892	58.17%	5.547%
60	13.191	13.134	13.264	VV	2738	128881	10.62%	1.013%
61	13.349	13.264	13.431	VV	1104	72411	5.97%	0.569%
62	13.557	13.431	13.716	VV	8070	614337	50.62%	4.827%
63	13.817	13.716	13.863	VV	2797	185748	15.31%	1.460%
64	13.927	13.863	13.998	VV	3811	217971	17.96%	1.713%
65	14.101	13.998	14.340	VV	13207	1213509	100.00%	9.535%
66	14.429	14.340	14.517	VV	3740	203703	16.79%	1.601%
67	14.546	14.517	14.611	VV	745	31858	2.63%	0.250%
68	14.700	14.611	14.756	VV	1345	75235	6.20%	0.591%
69	14.853	14.756	14.979	VV	3203	273520	22.54%	2.149%
70	15.074	14.979	15.164	VV	12907	820552	67.62%	6.448%
71	15.215	15.164	15.335	VV	7141	594656	49.00%	4.673%
72	15.420	15.335	15.474	VV	15220	810467	66.79%	6.368%
73	15.510	15.474	15.731	VV	10827	630723	51.98%	4.956%
74	15.795	15.731	15.868	VV	1905	87072	7.18%	0.684%
75	15.963	15.868	16.112	PV	7237	518469	42.72%	4.074%
76	16.202	16.112	16.312	PV	16140	700979	57.76%	5.508%
Sum of corrected areas:						12726532		

FB092225.M Thu Oct 09 06:13:40 2025 rteres



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: RONA02

ProjectID: 19 Ashlynn Court

Lab Code: ACE

SDG No.: Q3301

Calibration Sequence : FB092225		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1341516	29811	FB032214.D
90	2850195	31669	FB032215.D
180	5675270	31529	FB032216.D
450	14166602	31481	FB032217.D
900	28726009	31918	FB032218.D
AVG RF : 31282		% RSD : 2.683	AVG RT : 8.7958

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: RONA02
ProjectID: 19 Ashlynn Court
Lab Code: ACE SDG No.: Q3301
DataFile: FB032236.D Analyst Name: YP/AJ Analyst Date: 10-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5484701	30471	31282	2.593

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
 Data File : FB032236.D
 Signal(s) : FID2B.CH
 Acq On : 8 Oct 2025 9:25
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: Calibrat.e
 Quant Time: Oct 09 04:09:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 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	356800	19.933 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	696445	25.788 ng/mlm
2) t 2,2,4-Trimethylpentane	7.423	903157	31.972 ng/ml
3) t n-Heptane	7.755	297689	10.895 ng/ml
4) t Benzene	7.893	365488	10.113 ng/ml
6) t Toluene	10.624	1077617	28.933 ng/ml
7) t Ethylbenzene	13.060	316536	9.683 ng/ml
8) t m-Xylene	13.193	652690	19.149 ng/ml
9) t O-Xylene	13.920	625014	19.140 ng/ml
10) t 1,2,4-Trimethylbenzene	16.195	550065	19.665 ng/ml

(f)=RT Delta > 1/2 Window

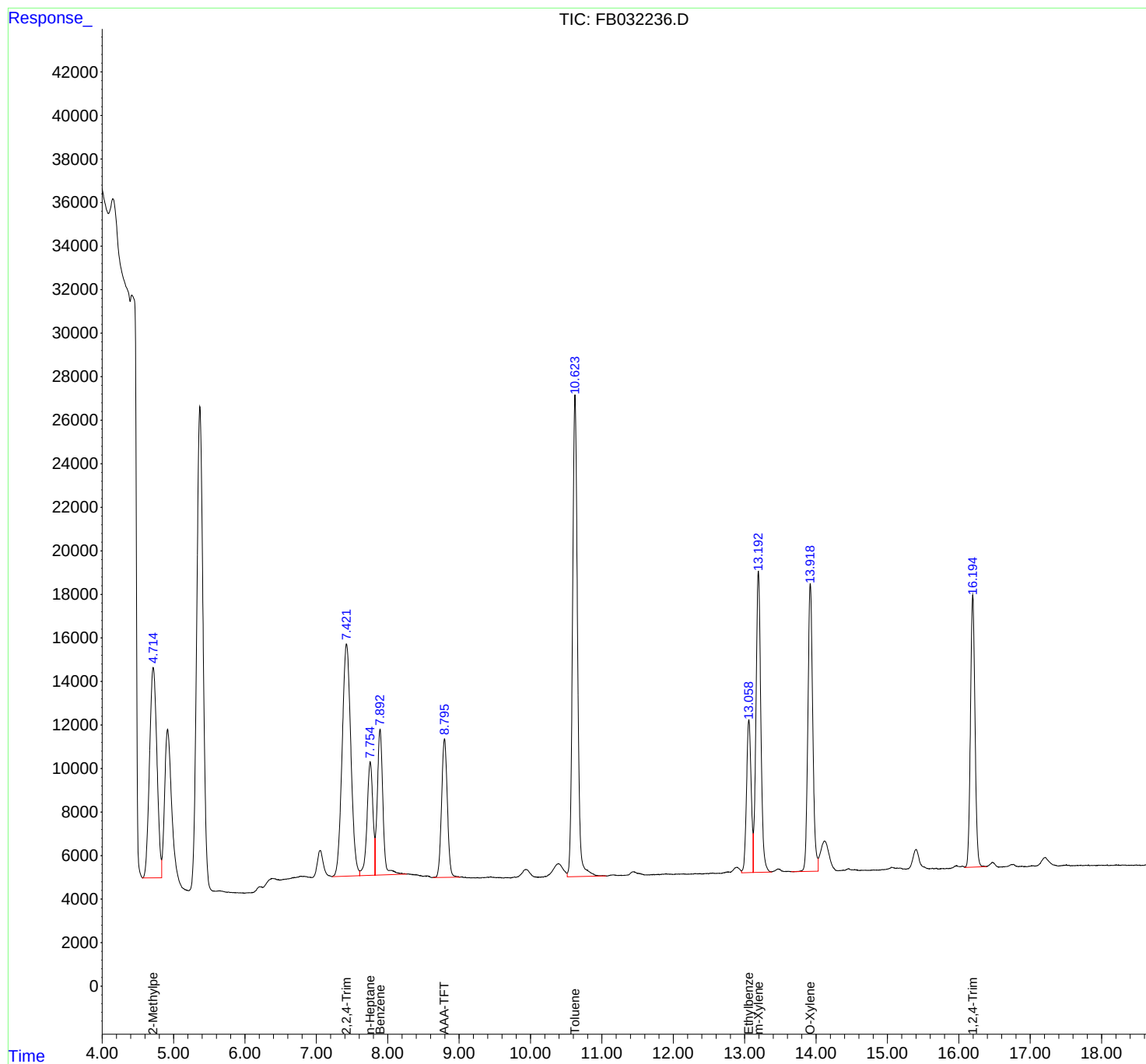
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032236.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 9:25
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibrat.e
Quant Time: Oct 09 04:09:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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\FB100825\
Data File : FB032236.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 9:25
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.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	4.559	4.833	BV	9797	711977	66.07%	12.156%
2	7.423	7.223	7.607	PV	10671	903157	83.81%	15.420%
3	7.755	7.607	7.823	VV	5220	297689	27.62%	5.083%
4	7.893	7.823	8.267	VB	6694	365488	33.92%	6.240%
5	8.796	8.631	9.016	BV	6367	356800	33.11%	6.092%
6	10.624	10.514	11.060	VV	22120	1077617	100.00%	18.399%
7	13.060	12.955	13.120	VV	7020	316536	29.37%	5.404%
8	13.193	13.120	13.376	VV	13836	652690	60.57%	11.144%
9	13.920	13.654	14.030	BV	13206	625014	58.00%	10.671%
10	16.195	16.083	16.387	VV	12504	550065	51.04%	9.392%

Sum of corrected areas: 5857032

FB092225.M Thu Oct 09 04:54:50 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: RONA02
ProjectID: 19 Ashlynn Court
Lab Code: ACE SDG No.: Q3301
DataFile: FB032246.D Analyst Name: YP/AJ Analyst Date: 10-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	4961253	27563	31282	11.889

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
 Data File : FB032246.D
 Signal(s) : FID2B.CH
 Acq On : 8 Oct 2025 14:54
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: Calibrat.e
 Quant Time: Oct 09 04:11:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.800	392242	21.914 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.715	678688	25.131 ng/ml
2) t 2,2,4-Trimethylpentane	7.428	810481	28.691 ng/ml
3) t n-Heptane	7.759	240950	8.819 ng/ml
4) t Benzene	7.898	311899	8.630 ng/ml
6) t Toluene	10.629	967230	25.969 ng/ml
7) t Ethylbenzene	13.065	292362	8.944 ng/ml
8) t m-Xylene	13.198	599025	17.575 ng/ml
9) t O-Xylene	13.925	574077	17.580 ng/ml
10) t 1,2,4-Trimethylbenzene	16.199	486541	17.394 ng/ml

(f)=RT Delta > 1/2 Window

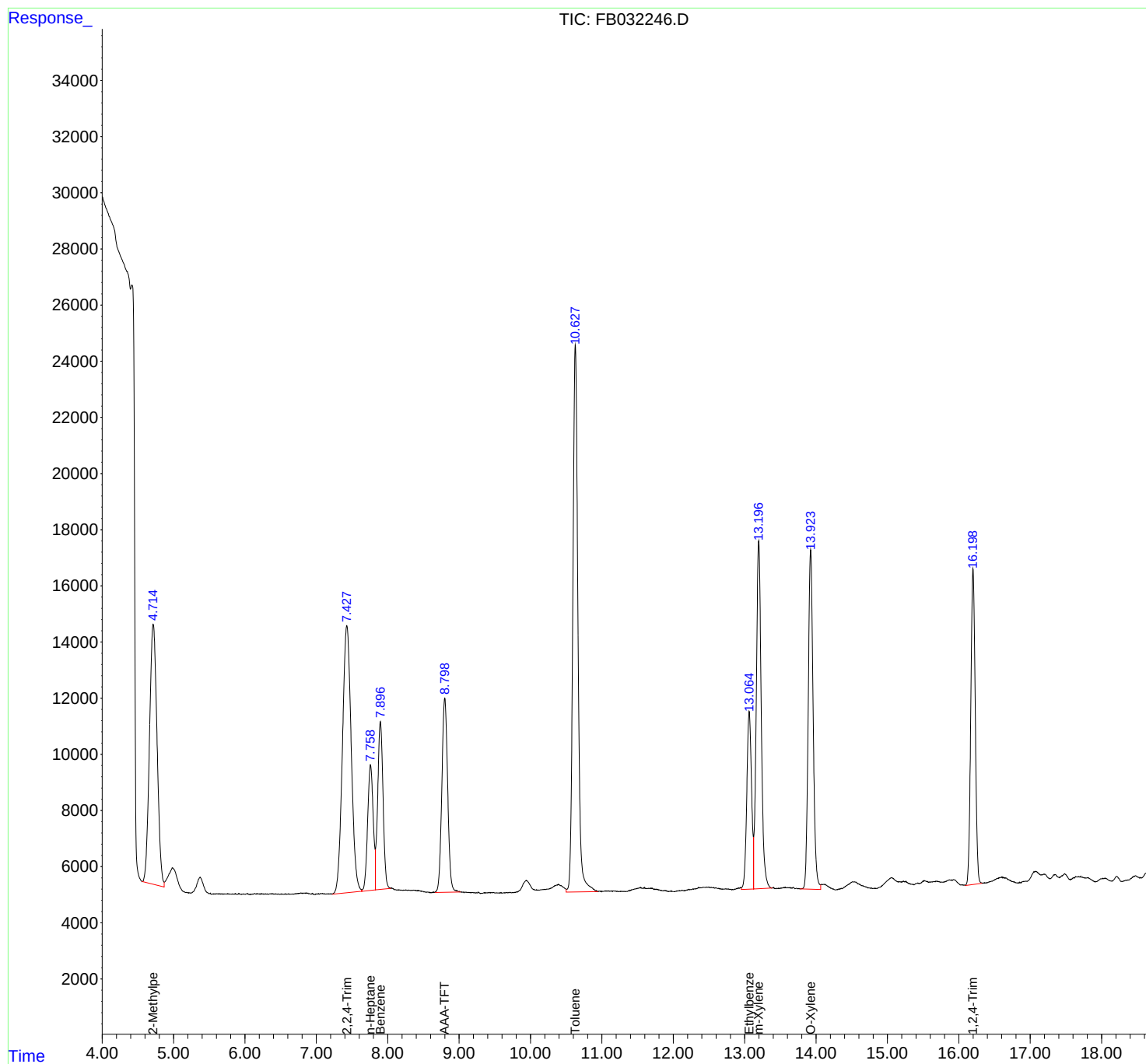
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032246.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 14:54
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibrat.e
Quant Time: Oct 09 04:11:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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\FB100825\
Data File : FB032246.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 14:54
Sample : 20 PPB GRO STD
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.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	4.869	BV	9258	678688	70.17%	12.677%
2	7.428	7.223	7.636	PV	9509	810481	83.79%	15.139%
3	7.759	7.636	7.827	VV	4476	240950	24.91%	4.501%
4	7.898	7.827	8.044	VV	5978	311899	32.25%	5.826%
5	8.800	8.661	9.021	PV	6922	392242	40.55%	7.327%
6	10.629	10.499	10.947	VV	19468	967230	100.00%	18.067%
7	13.065	12.953	13.125	VV	6327	292362	30.23%	5.461%
8	13.198	13.125	13.388	VV	12378	599025	61.93%	11.189%
9	13.925	13.775	14.065	BV	12074	574077	59.35%	10.723%
10	16.199	16.094	16.327	BV	11240	486541	50.30%	9.088%

Sum of corrected areas: 5353496

FB092225.M Thu Oct 09 05:00:07 2025

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: RONA02
ProjectID: 19 Ashlynn Court
Lab Code: ACE SDG No.: Q3301
DataFile: FB032252.D Analyst Name: YP/AJ Analyst Date: 10-08-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5708808	31716	31282	1.387

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
 Data File : FB032252.D
 Signal(s) : FID2B.CH
 Acq On : 8 Oct 2025 18:24
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: Calibrat.e
 Quant Time: Oct 09 04:40:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 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	389621	21.767 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	816811	30.245 ng/ml
2) t 2,2,4-Trimethylpentane	7.427	950147	33.635 ng/ml
3) t n-Heptane	7.758	293443	10.740 ng/ml
4) t Benzene	7.896	366810	10.150 ng/ml
6) t Toluene	10.627	1101409	29.572 ng/ml
7) t Ethylbenzene	13.063	320708	9.811 ng/ml
8) t m-Xylene	13.197	666286	19.548 ng/ml
9) t O-Xylene	13.924	645035	19.753 ng/ml
10) t 1,2,4-Trimethylbenzene	16.199	548159	19.597 ng/ml

(f)=RT Delta > 1/2 Window

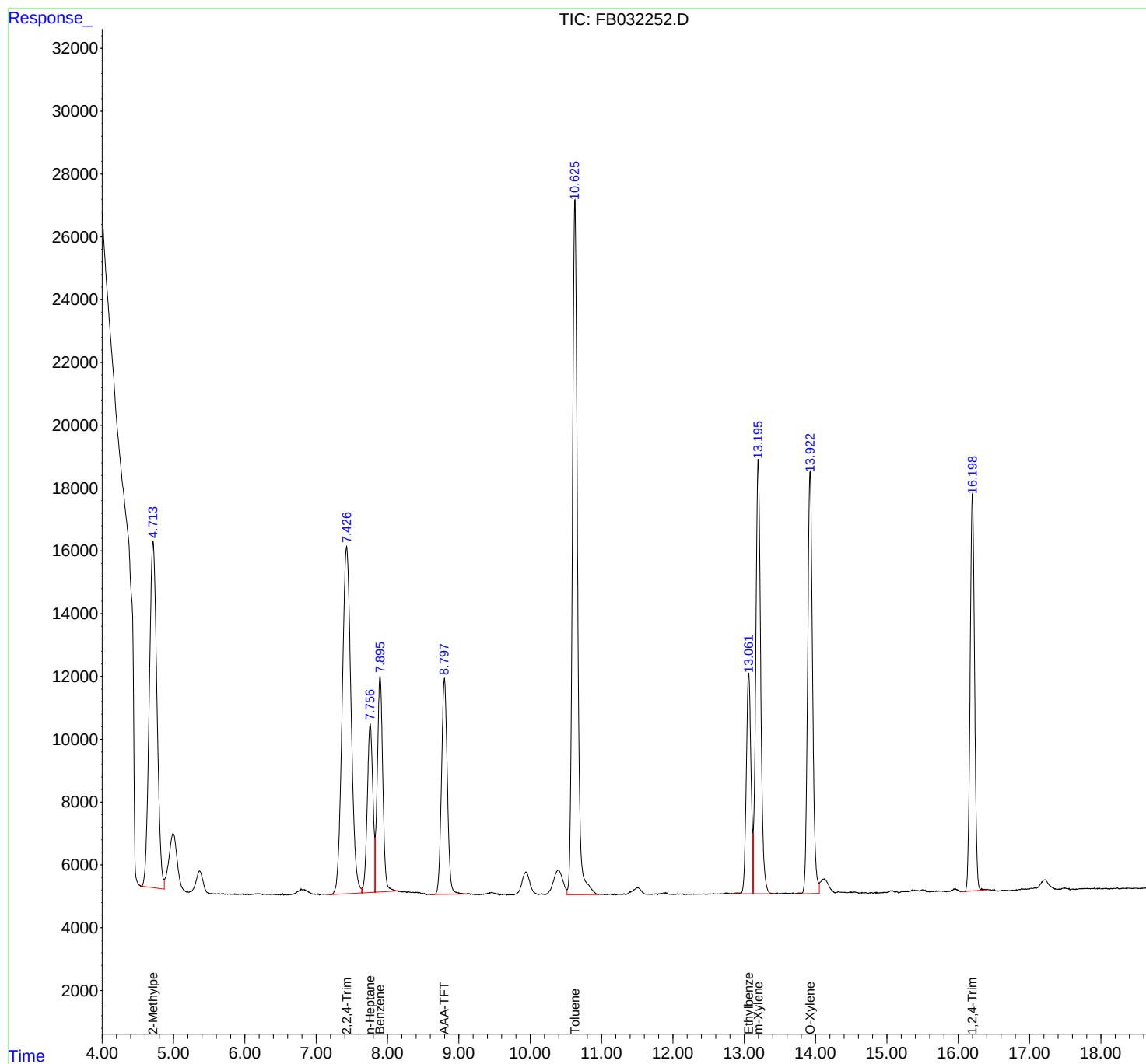
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032252.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 18:24
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :

Integration File: Calibrat.e
Quant Time: Oct 09 04:40:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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\FB100825\
Data File : FB032252.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 18:24
Sample : 20 PPB GR0 STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.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	4.548	4.870	BV	11019	816811	74.16%	13.394%
2	7.427	7.187	7.640	PV	11053	950147	86.27%	15.580%
3	7.758	7.640	7.825	VV	5362	293443	26.64%	4.812%
4	7.896	7.825	8.130	VV	6865	366810	33.30%	6.015%
5	8.798	8.615	9.110	BV	6869	389621	35.37%	6.389%
6	10.627	10.516	10.958	VV	22130	1101409	100.00%	18.061%
7	13.063	12.815	13.124	BV	7032	320708	29.12%	5.259%
8	13.197	13.124	13.444	VV	13839	666286	60.49%	10.926%
9	13.924	13.719	14.053	BV	13425	645035	58.56%	10.577%
10	16.199	16.034	16.403	PBA	12635	548159	49.77%	8.989%

Sum of corrected areas: 6098431

FB092225.M Thu Oct 09 05:01:32 2025

Analytical Sequence

Client: Ronald Adams

SDG No.: Q3301

Project: 19 Ashlynn Court

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 8.7958					
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	8 Oct 2025 9:25 am	FB032236.D	8.796	
VBF1008S2	VBF1008S2	8 Oct 2025 10:39	FB032238.D	8.800	
BSF1008S1	BSF1008S1	8 Oct 2025 11:06 am	FB032239.D	8.800	
BSF1008S2	BSF1008S2	8 Oct 2025 11:34 am	FB032240.D	8.799	
SOIL	Q3301-01	8 Oct 2025 13:59	FB032244.D	8.803	
20 PPB GRO STD	20 PPB GRO STD	8 Oct 2025 14:54	FB032246.D	8.800	



QC SAMPLE DATA

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	VBF1008S2	SDG No.:	Q3301
Lab Sample ID:	VBF1008S2	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
FB032238.D	50	10/08/25 10:39	FB100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	413	U	413	2250	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\FB100825\
Data File : FB032238.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 10:39
Operator : YP/AJ
Sample : VBF1008S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1008S2

Integration File: Calibrat.e
Quant Time: Oct 09 04:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.800	365530	20.421 ng/ml
Target Compounds			

(f)=RT Delta > 1/2 Window

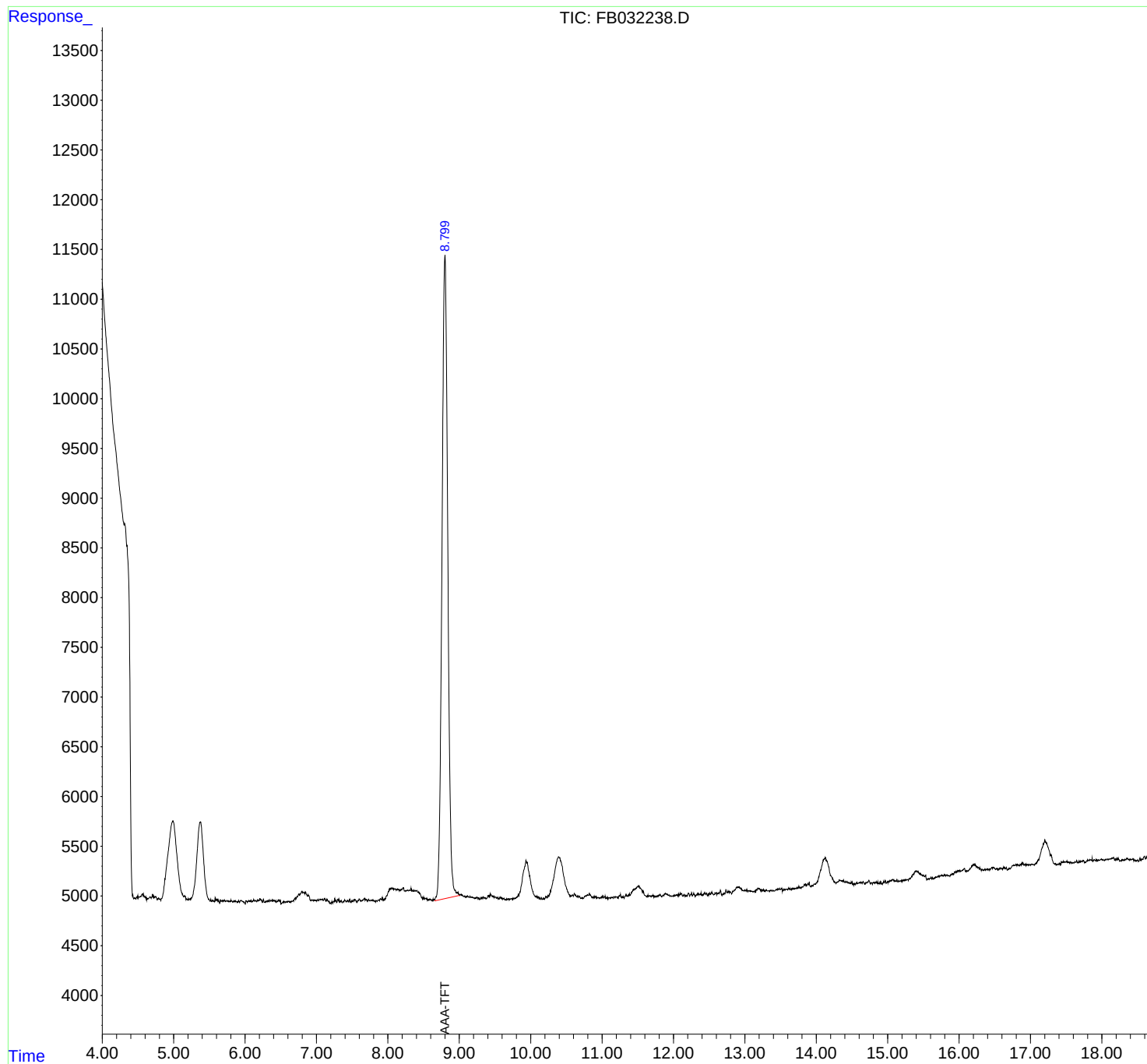
(m)=manual int.

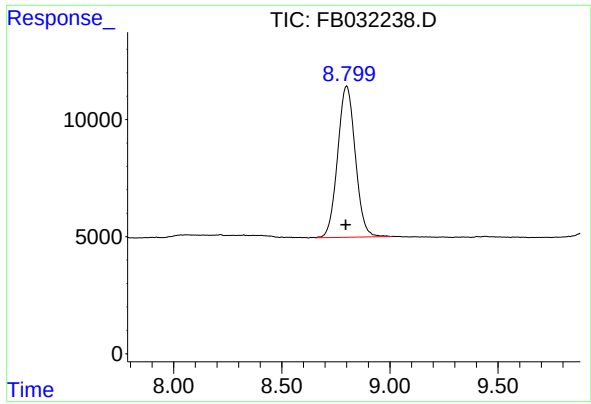
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032238.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 10:39
Operator : YP/AJ
Sample : VBF1008S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF1008S2

Integration File: Calibrat.e
Quant Time: Oct 09 04:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 365530
Conc: 20.42 ng/ml

Instrument :
FID_B
ClientSampleId :
VBF1008S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032238.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 10:39
Sample : VBF1008S2 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\FB092225.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.800	8.658	9.007	VV	6465	365530	100.00%	100.000%
Sum of corrected areas:						365530		

FB092225.M Thu Oct 09 04:55:46 2025

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	BSF1008S1	SDG No.:	Q3301
Lab Sample ID:	BSF1008S1	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
FB032239.D	1	10/08/25 11:06	FB100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	175		8.00	45.0	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\FB100825\
 Data File : FB032239.D
 Signal(s) : FID2B.CH
 Acq On : 8 Oct 2025 11:06
 Operator : YP/AJ
 Sample : BSF1008S1
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1008S1

Integration File: Calibrat.e
 Quant Time: Oct 09 04:10:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.800	364181	20.346 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.716	797639	29.535 ng/ml
2) t 2,2,4-Trimethylpentane	7.426	920023	32.569 ng/ml
3) t n-Heptane	7.759	277011	10.138 ng/ml
4) t Benzene	7.897	338968	9.379 ng/ml
6) t Toluene	10.628	1054461	28.312 ng/ml
7) t Ethylbenzene	13.064	311205	9.520 ng/ml
8) t m-Xylene	13.197	643824	18.889 ng/ml
9) t O-Xylene	13.924	616388	18.876 ng/ml
10) t 1,2,4-Trimethylbenzene	16.199	522635	18.685 ng/ml

(f)=RT Delta > 1/2 Window

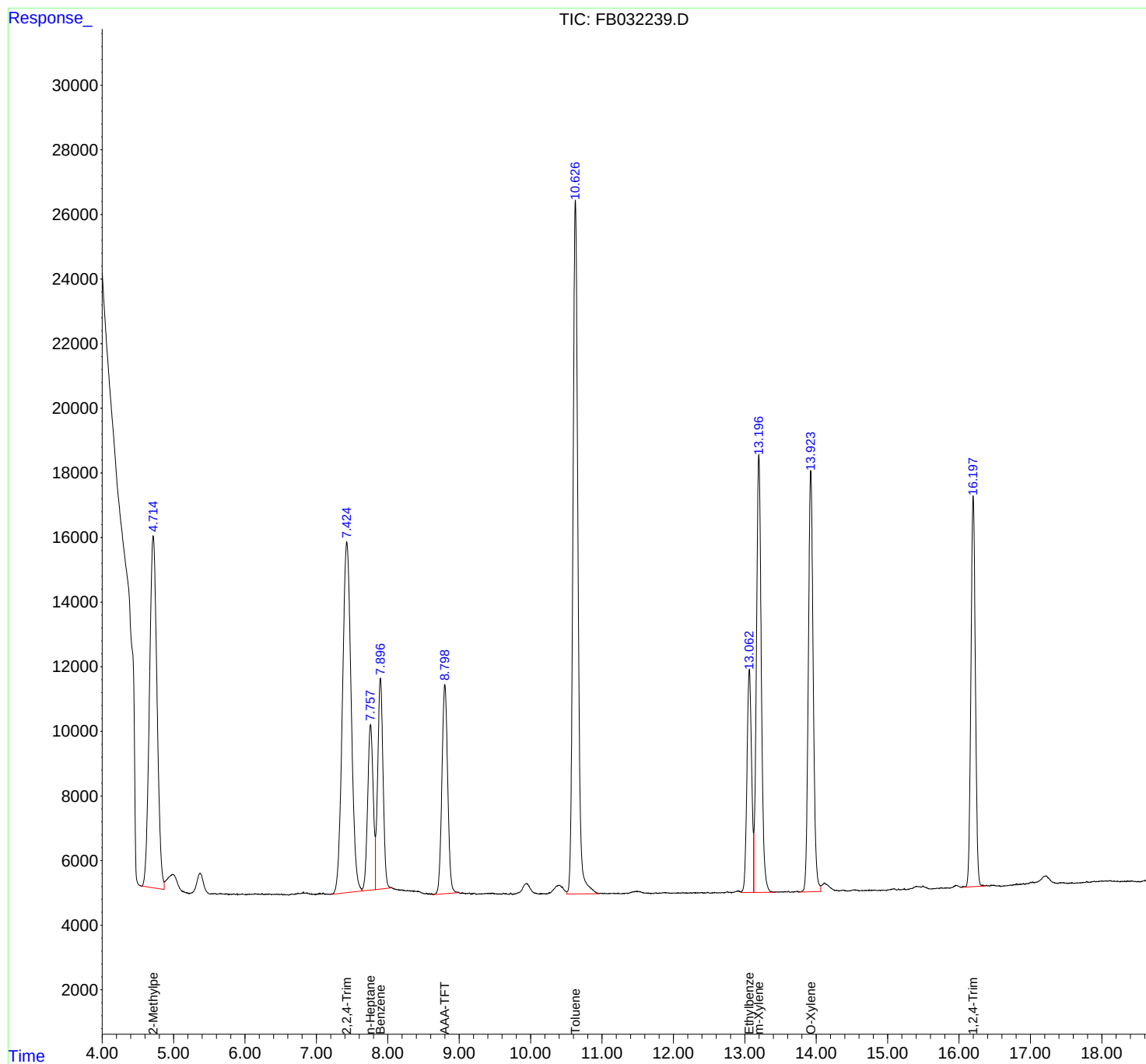
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032239.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 11:06
Operator : YP/AJ
Sample : BSF1008S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1008S1

Integration File: Calibrat.e
Quant Time: Oct 09 04:10:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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\FB100825\
Data File : FB032239.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 11:06
Sample : BSF1008S1
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\FB092225.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	4.540	4.869	BV	10892	797639	75.64%	13.643%
2	7.426	7.225	7.636	PV	10855	920023	87.25%	15.737%
3	7.759	7.636	7.827	VV	5119	277011	26.27%	4.738%
4	7.897	7.827	8.047	VV	6515	338968	32.15%	5.798%
5	8.800	8.630	8.985	PV	6478	364181	34.54%	6.229%
6	10.628	10.508	10.964	VV	21462	1054461	100.00%	18.036%
7	13.064	12.943	13.125	VV	6899	311205	29.51%	5.323%
8	13.197	13.125	13.419	VB	13537	643824	61.06%	11.012%
9	13.924	13.753	14.063	PV	13027	616388	58.46%	10.543%
10	16.199	16.041	16.375	PV	12082	522635	49.56%	8.940%

Sum of corrected areas: 5846335

FB092225.M Thu Oct 09 04:56:15 2025

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	BSF1008S2	SDG No.:	Q3301
Lab Sample ID:	BSF1008S2	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
FB032240.D	1	10/08/25 11:34	FB100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	189		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.4		50 - 150	107%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
 Data File : FB032240.D
 Signal(s) : FID2B.CH
 Acq On : 8 Oct 2025 11:34
 Operator : YP/AJ
 Sample : BSF1008S2
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 BSF1008S2

Integration File: Calibrat.e
 Quant Time: Oct 09 04:10:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
 Quant Title :
 QLast Update : Mon Sep 22 12:16:10 2025
 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	383084	21.402 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	863985	31.992 ng/ml
2) t 2,2,4-Trimethylpentane	7.430	982543	34.782 ng/ml
3) t n-Heptane	7.759	314183	11.499 ng/ml
4) t Benzene	7.897	374220	10.355 ng/ml
6) t Toluene	10.628	1120985	30.098 ng/ml
7) t Ethylbenzene	13.064	331461	10.140 ng/ml
8) t m-Xylene	13.197	688894	20.211 ng/ml
9) t O-Xylene	13.922	659781	20.205 ng/ml
10) t 1,2,4-Trimethylbenzene	16.200	571773	20.441 ng/ml

(f)=RT Delta > 1/2 Window

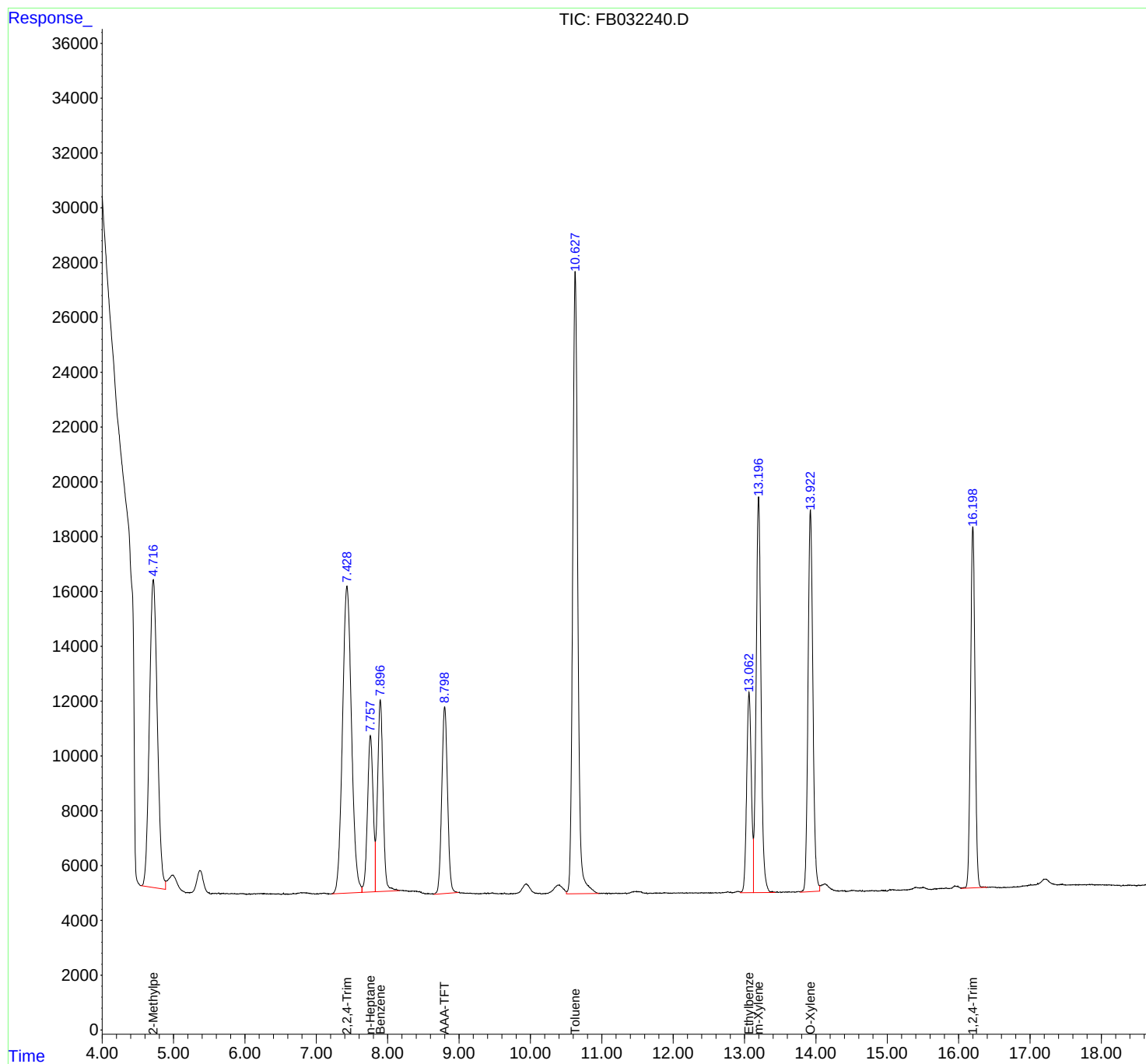
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100825\
Data File : FB032240.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 11:34
Operator : YP/AJ
Sample : BSF1008S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF1008S2

Integration File: Calibrat.e
Quant Time: Oct 09 04:10:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.M
Quant Title :
QLast Update : Mon Sep 22 12:16:10 2025
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\FB100825\
Data File : FB032240.D
Signal(s) : FID2B.CH
Acq On : 8 Oct 2025 11:34
Sample : BSF1008S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB092225.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	4.543	4.889	BV	11231	863985	77.07%	13.725%
2	7.430	7.223	7.640	PV	11206	982543	87.65%	15.608%
3	7.759	7.640	7.828	VV	5704	314183	28.03%	4.991%
4	7.897	7.828	8.167	VB	6990	374220	33.38%	5.945%
5	8.799	8.651	8.988	BV	6812	383084	34.17%	6.085%
6	10.628	10.505	10.961	VV	22695	1120985	100.00%	17.807%
7	13.064	12.942	13.125	VV	7314	331461	29.57%	5.265%
8	13.197	13.125	13.427	VV	14426	688894	61.45%	10.943%
9	13.924	13.427	14.070	PV	13927	663907	59.23%	10.547%
10	16.200	16.034	16.403	PBA	13177	571773	51.01%	9.083%

Sum of corrected areas: 6295036

FB092225.M Thu Oct 09 04:58:56 2025

Manual Integration Report

Sample ID	ClientID ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
20 PPB GRO STD		FB032236.D	fb100825	2-Methylpentane	 	 	Peak Integrated by Software incorrectly
BSF1008S2		FB032240.D	fb100825	O-Xylene	 	 	Peak Integrated by Software incorrectly
Q3301-01		FB032241.D	fb100825	AAA-TFT	 	 	Peak Integrated by Software incorrectly
Q3277-01		FB032243.D	fb100825	AAA-TFT	 	 	Peak Integrated by Software incorrectly

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB092225

Review By	yogesh	Review On	9/24/2025 9:01:10 AM
Supervise By	mohammad	Supervise On	9/25/2025 2:24:54 AM
SubDirectory	FB092225	HP Acquire Method	FID_B
		HP Processing Method	FB092225
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935		
CCC Internal Standard/PEM	PP24937,PP24938		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24718,PP24936		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB032214.D	22 Sep 2025 9:53	YP/AJ	Ok
2	10 GRO STD	FB032215.D	22 Sep 2025 10:21	YP/AJ	Ok
3	20 GRO STD	FB032216.D	22 Sep 2025 10:48	YP/AJ	Ok
4	50 GRO STD	FB032217.D	22 Sep 2025 11:16	YP/AJ	Ok
5	100 GRO STD	FB032218.D	22 Sep 2025 11:44	YP/AJ	Ok
6	FB0922GROICV	FB032219.D	22 Sep 2025 12:43	YP/AJ	Ok
7	20 PPB GRO STD	FB032220.D	22 Sep 2025 13:23	YP/AJ	Ok
8	BSF0922S1	FB032221.D	22 Sep 2025 14:08	YP/AJ	Not Ok
9	VBF0922S2	FB032222.D	22 Sep 2025 14:35	YP/AJ	Ok
10	VBF0922S1	FB032223.D	22 Sep 2025 15:03	YP/AJ	Ok
11	Q3123-01	FB032224.D	22 Sep 2025 15:31	YP/AJ	Ok
12	Q3157-01	FB032225.D	22 Sep 2025 15:59	YP/AJ	Not Ok
13	BSF0922S1	FB032226.D	22 Sep 2025 16:35	YP/AJ	Ok
14	BSF0922S2	FB032227.D	22 Sep 2025 17:02	YP/AJ	Ok
15	20 PPB GRO STD	FB032228.D	22 Sep 2025 17:58	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB100825

Review By	yogesh	Review On	10/8/2025 3:11:07 PM
Supervise By		Supervise On	
SubDirectory	FB100825	HP Acquire Method	FID_B
		HP Processing Method	FB092225
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935		
CCC Internal Standard/PEM	PP24991,PP24992,PP24993		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24718,PP24936		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB032236.D	8 Oct 2025 9:25 am	YP/AJ	Ok,NS
2	VBF1008S1	FB032237.D	8 Oct 2025 10:11 am	YP/AJ	Ok
3	VBF1008S2	FB032238.D	8 Oct 2025 10:39	YP/AJ	Ok
4	BSF1008S1	FB032239.D	8 Oct 2025 11:06 am	YP/AJ	Ok
5	BSF1008S2	FB032240.D	8 Oct 2025 11:34 am	YP/AJ	Ok,NS
6	Q3301-01	FB032241.D	8 Oct 2025 12:19	YP/AJ	Dilution
7	Q3305-01	FB032242.D	8 Oct 2025 12:47	YP/AJ	Not Ok
8	Q3277-01	FB032243.D	8 Oct 2025 13:15	YP/AJ	Not Ok
9	Q3301-01	FB032244.D	8 Oct 2025 13:59	YP/AJ	Ok
10	I.BLK	FB032245.D	8 Oct 2025 14:26	YP/AJ	Ok
11	20 PPB GRO STD	FB032246.D	8 Oct 2025 14:54	YP/AJ	Ok
12	Q3305-01	FB032247.D	8 Oct 2025 15:39	YP/AJ	Ok
13	Q3305-01	FB032248.D	8 Oct 2025 16:06	YP/AJ	Not Ok
14	Q3277-01	FB032249.D	8 Oct 2025 16:34	YP/AJ	Ok
15	Q3277-01	FB032250.D	8 Oct 2025 17:01	YP/AJ	Not Ok
16	BSF1008S3	FB032251.D	8 Oct 2025 17:29	YP/AJ	Ok
17	20 PPB GRO STD	FB032252.D	8 Oct 2025 18:24	YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB092225

Review By	yogesh	Review On	9/24/2025 9:01:10 AM
Supervise By	mohammad	Supervise On	9/25/2025 2:24:54 AM
SubDirectory	FB092225	HP Acquire Method	FID_B
		HP Processing Method	FB092225
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935		
CCC	PP24937,PP24938		
Internal Standard/PEM			
ICV/I.BLK	PP24718,PP24936		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB032214.D	22 Sep 2025 9:53		YP/AJ	Ok
2	10 GRO STD		FB032215.D	22 Sep 2025 10:21		YP/AJ	Ok
3	20 GRO STD		FB032216.D	22 Sep 2025 10:48		YP/AJ	Ok
4	50 GRO STD		FB032217.D	22 Sep 2025 11:16		YP/AJ	Ok
5	100 GRO STD		FB032218.D	22 Sep 2025 11:44		YP/AJ	Ok
6	FB0922GROICV		FB032219.D	22 Sep 2025 12:43		YP/AJ	Ok
7	20 PPB GRO STD		FB032220.D	22 Sep 2025 13:23		YP/AJ	Ok
8	BSF0922S1		FB032221.D	22 Sep 2025 14:08	Not Used	YP/AJ	Not Ok
9	VBF0922S2		FB032222.D	22 Sep 2025 14:35		YP/AJ	Ok
10	VBF0922S1		FB032223.D	22 Sep 2025 15:03		YP/AJ	Ok
11	Q3123-01		FB032224.D	22 Sep 2025 15:31		YP/AJ	Ok
12	Q3157-01		FB032225.D	22 Sep 2025 15:59	Vial A not Purged	YP/AJ	Not Ok
13	BSF0922S1		FB032226.D	22 Sep 2025 16:35		YP/AJ	Ok
14	BSF0922S2		FB032227.D	22 Sep 2025 17:02		YP/AJ	Ok
15	20 PPB GRO STD		FB032228.D	22 Sep 2025 17:58		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QC Batch ID # FB100825

Review By	yogesh	Review On	10/8/2025 3:11:07 PM
Supervise By		Supervise On	
SubDirectory	FB100825	HP Acquire Method	FID_B
		HP Processing Method	FB092225

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24717,PP24931,PP24932,PP24933,PP24934,PP24935
CCC Internal Standard/PEM	PP24991,PP24992,PP24993
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24718,PP24936

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB032236.D	8 Oct 2025 9:25 am		YP/AJ	Ok,NS
2	VBF1008S1		FB032237.D	8 Oct 2025 10:11 am		YP/AJ	Ok
3	VBF1008S2		FB032238.D	8 Oct 2025 10:39		YP/AJ	Ok
4	BSF1008S1		FB032239.D	8 Oct 2025 11:06 am		YP/AJ	Ok
5	BSF1008S2		FB032240.D	8 Oct 2025 11:34 am		YP/AJ	Ok,NS
6	Q3301-01		FB032241.D	8 Oct 2025 12:19	Vial A,Need 50X	YP/AJ	Dilution
7	Q3305-01		FB032242.D	8 Oct 2025 12:47	Carryover	YP/AJ	Not Ok
8	Q3277-01		FB032243.D	8 Oct 2025 13:15	Carryover	YP/AJ	Not Ok
9	Q3301-01		FB032244.D	8 Oct 2025 13:59	Vial C	YP/AJ	Ok
10	I.BLK		FB032245.D	8 Oct 2025 14:26		YP/AJ	Ok
11	20 PPB GRO STD		FB032246.D	8 Oct 2025 14:54		YP/AJ	Ok
12	Q3305-01		FB032247.D	8 Oct 2025 15:39	Vial B	YP/AJ	Ok
13	Q3305-01		FB032248.D	8 Oct 2025 16:06	Not Required	YP/AJ	Not Ok
14	Q3277-01		FB032249.D	8 Oct 2025 16:34	Vial B	YP/AJ	Ok
15	Q3277-01		FB032250.D	8 Oct 2025 17:01	Not Required	YP/AJ	Not Ok
16	BSF1008S3		FB032251.D	8 Oct 2025 17:29		YP/AJ	Ok
17	20 PPB GRO STD		FB032252.D	8 Oct 2025 18:24		YP/AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/8/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137445

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
Q3301-01	SOIL	1	1.15	10.77	11.92	9.87	81.0	
Q3302-01	OR-658-COMP-01	2	1.18	10.47	11.65	9.77	82.0	
Q3302-02	OR-658-VOC-01	3	1.18	10.51	11.69	10.12	85.1	
Q3302-03	OR-658-01	4	1.13	10.40	11.53	10.44	89.5	
Q3302-04	OR-658-02	5	1.13	10.72	11.85	10.36	86.1	
Q3302-05	OR-658-03	6	1.14	10.66	11.8	10.55	88.3	
Q3303-01	HL-WEST	7	1.13	10.38	11.51	10.67	91.9	
Q3303-02	HL-WEST-E2	8	1.11	10.29	11.4	10.7	93.2	
Q3303-03	HL-EAST	9	1.12	10.27	11.39	10.77	94.0	
Q3303-04	HL-EAST-E2	10	1.12	10.71	11.83	11.32	95.2	
Q3304-01	TR-04-100725	11	1.14	10.73	11.87	11.00	91.9	
Q3304-02	TR-04-100725-E2	12	1.12	10.13	11.25	10.14	89.0	
Q3304-03	TR-05-100725	13	1.13	10.26	11.39	10.9	95.2	
Q3304-04	TR-05-100725-E2	14	1.13	10.27	11.4	10.77	93.9	
Q3305-01	AU-06-100725	15	1.13	10.76	11.89	11.19	93.5	
Q3307-16	S-35 (0-0.5)	16	1.12	10.30	11.42	10.46	90.7	
Q3307-19	S-33 (0-0.5)	17	1.14	10.21	11.35	10.22	88.9	
Q3308-01	S-3 (6.0-6.5)	18	1.14	9.97	11.11	9.87	87.6	
Q3308-03	S-12 (6.0-6.5)	19	1.13	10.14	11.27	9.85	86.0	
Q3308-05	S-24 (9.0-9.5)	20	1.15	10.18	11.33	10.26	89.5	
Q3309-10	S-40 (0-0.5)	21	1.14	10.09	11.23	10.15	89.3	
Q3309-13	S-44 (0-0.5)	22	1.12	10.00	11.12	9.96	88.4	

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

WORKLIST(Hardcopy Internal Chain)

134415

WorkList Name : %1-100725 WorkList ID : 192318 Department : Wet-Chemistry Date : 10-07-2025 10:06:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3301-01	SOIL	Solid	Percent Solids	Cool 4 deg C	RONA02	D31	09/10/2025	Chemtech -SO
Q3302-01	OR-658-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3302-02	OR-658-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3302-03	OR-658-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3302-04	OR-658-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3302-05	OR-658-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3303-01	HL-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3303-02	HL-WEST-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3303-03	HL-EAST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3303-04	HL-EAST-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3304-01	TR-04-100725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/07/2025	Chemtech -SO
Q3304-02	TR-04-100725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/07/2025	Chemtech -SO
Q3304-03	TR-05-100725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/07/2025	Chemtech -SO
Q3304-04	TR-05-100725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/07/2025	Chemtech -SO
Q3305-01	AU-06-100725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/07/2025	Chemtech -SO
Q3307-16	S-35(0-0.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3307-19	S-33(0-0.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO
Q3308-01	S-3(6.0-6.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/07/2025	Chemtech -SO
Q3308-03	S-12(6.0-6.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/07/2025	Chemtech -SO
Q3308-05	S-24(9.0-9.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/07/2025	Chemtech -SO
Q3309-10	S-40(0-0.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO

Date/Time 10/07/25 16:20
 Raw Sample Received by: JH wesc
 Raw Sample Relinquished by: JH wesc
 Date/Time 10/07/25 17:35
 Raw Sample Received by: JH wesc
 Raw Sample Relinquished by: JH wesc

WORKLIST(Hardcopy Internal Chain)

17137443

WorkList Name : %1-100725 WorkList ID : 192318 Department : Wet-Chemistry Date : 10-07-2025 10:06:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3309-13	S-44(0-0.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/07/2025	Chemtech -SO

Date/Time 10/07/25 16:20
 Raw Sample Received by: SP [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/07/25 17:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q3301

COC Number:

CLIENT INFORMATION

COMPANY: Ronald Adams
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME: 19 Ashlynn Court
PROJECT #: LOCATION:
PROJECT MANAGER: Ronald Adams
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: DAYS*
HARD COPY: DAYS*
EDD DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

EPH	GRO								
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	Soil	Soil			9/10	/	1	x	+							
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	10/6/25	1. yg 16:30
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2. yg
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

☐ Ice in Cooler?:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312