

LAB CHRONICLE

OrderID:	P4495	OrderDate:	10/23/2024 10:29:00 AM
Client:	Chemtech Consulting Group	Project:	NJ Soil PT
Contact:	QA Officer	Location:	QA Office, VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4495-14	PT-DIES-SOIL	SOIL	Diesel Range Organics	8015D	10/21/24	10/24/24	10/24/24	10/23/24
P4495-15	PT-GAS-SOIL	SOIL	Gasoline Range Organics	8015D	10/21/24		10/24/24	10/23/24
P4495-16	PT-NJEPH-SOIL	Solid	EPH EPH EPH	NJEPH NJEPH NJEPH	10/21/24	10/25/24 10/25/24 10/25/24	10/28/24 10/29/24 10/28/24	10/23/24
P4495-16DL 2	PT-NJEPH-SOILDL2	Solid	EPH	NJEPH	10/21/24	10/25/24	10/28/24	10/23/24
P4495-17	PT-HERB-SOIL	SOIL	Herbicide Group1	8151A	10/21/24	11/14/24	11/25/24	10/23/24
P4495-17RE	PT-HERB-SOILRE	SOIL	Herbicide Group1	8151A	10/21/24	11/14/24	11/25/24	10/23/24
P4495-18	PT-PCB-SOIL	SOIL	PCB	8082A	10/21/24	10/25/24	10/25/24	10/23/24
P4495-18DL	PT-PCB-SOIL DL	SOIL	PCB	8082A	10/21/24	10/25/24	10/25/24	10/23/24
P4495-19	PT-PCBO-SOIL	SOIL	PCB	8082A	10/21/24	10/25/24	10/28/24	10/23/24
P4495-19DL	PT-PCBO-SOILDL	SOIL			10/21/24			10/23/24

LAB CHRONICLE

			PCB	8082A		10/25/24	10/28/24	
P4495-20	PT-PEST-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL	PT-PEST-SOILDL	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL 2	PT-PEST-SOILDL2	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-21	PT-CHLR-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group2	8081B		10/25/24	10/31/24	
P4495-22	PT-TXP-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group3	8081B		10/25/24	10/31/24	
P4495-22DL	PT-TXP-SOILDL	SOIL			10/21/24			10/23/24
			PESTICIDE Group3	8081B		10/25/24	10/31/24	



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-GAS-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-15	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
FB031019.D	1000	10/24/24 12:53	FB102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	798000		7720	45000	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	43.1	*	50 - 150	215%	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



QC SUMMARY

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: Chemtech Consulting Group
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF1024S2	91				0
BSF1024S1	89				0
PT-GAS-SOIL	215 *				1
BSF1024S2	84				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:** Chemtech Consulting Group
Lab Code: CHEM **Cas No:** P4495 **SAS No :** P4495 **SDG No:** P4495
Matrix Spike - EPA Sample No : BSF1024S1 **Datafile:** FB031014.D

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

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

Lab Name: Chemtech **Client:** Chemtech Consulting Group
Lab Code: CHEM **Cas No:** P4495 **SAS No :** P4495 **SDG No:** P4495
Matrix Spike - EPA Sample No : BSF1024S2 **Datafile:** FB031021.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	170	94	50-150

LCS/LCSD % Recovery RPD : 2.9

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF1024S2

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab File ID: FB031013.D

Lab Sample ID: VBF1024S2

Date Analyzed: 10/24/24

Time Analyzed: 10:00

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
BSF1024S1	BSF1024S1	FB031014.D	10/24/24
PT-GAS-SOIL	P4495-15	FB031019.D	10/24/24
BSF1024S2	BSF1024S2	FB031021.D	10/24/24

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	VBF1024S2	SDG No.:	P4495
Lab Sample ID:	VBF1024S2	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
FB031013.D	50	10/24/24 10:00	FB102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	386	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.1		50 - 150	91%	SPK: 20

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N = Presumptive Evidence of a Compound

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D = Dilution

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

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Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	BSF1024S1		SDG No.:	P4495	
Lab Sample ID:	BSF1024S1		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
FB031014.D	1	10/24/24 10:27	FB102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	165		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.9		50 - 150	89%	SPK: 20

Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	BSF1024S2	SDG No.:	P4495
Lab Sample ID:	BSF1024S2	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
FB031021.D	1	10/24/24 13:47	FB102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	170		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.8		50 - 150	84%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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D = Dilution

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() = Laboratory InHouse Limit



CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: CHEM02
 ProjectID: NJ Soil PT
 Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495

Calibration Sequence : FB100424		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	2146473	47699	FB030963.D
90	4296843	47743	FB030964.D
180	7654194	42523	FB030965.D
450	20942452	46539	FB030966.D
900	40922623	45470	FB030967.D
AVG RF : 45995		% RSD : 4.686	AVG RT : 8.7964

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030963.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 9:45
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Oct 04 10:37:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 10:36:54 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	165874	5.429 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.729	267824	8.153 ng/ml
2) t 2,2,4-Trimethylpentane	7.426	369502	8.294 ng/ml
3) t n-Heptane	7.758	106895	2.540 ng/ml
4) t Benzene	7.897	135424	2.686 ng/ml
6) t Toluene	10.623	418553	8.382 ng/ml
7) t Ethylbenzene	13.059	123962	2.833 ng/ml
8) t m-Xylene	13.194	273356	5.659 ng/ml
9) t O-Xylene	13.921	260179	5.826 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	190778	6.232 ng/ml

(f)=RT Delta > 1/2 Window

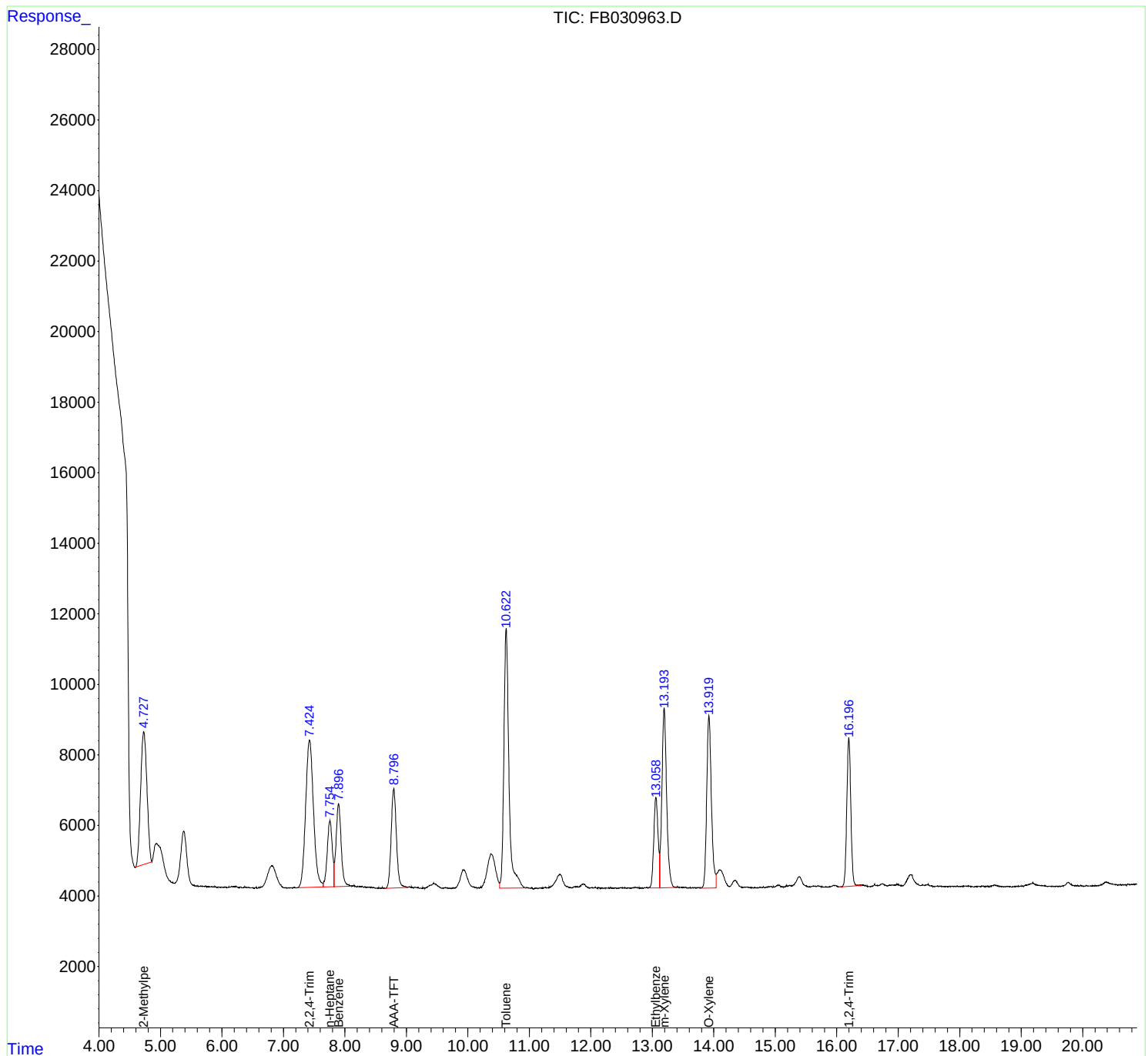
(m)=manual int.

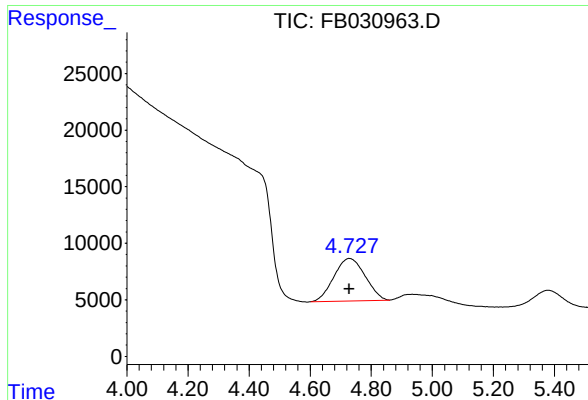
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030963.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 9:45
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Oct 04 10:37:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 10:36:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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

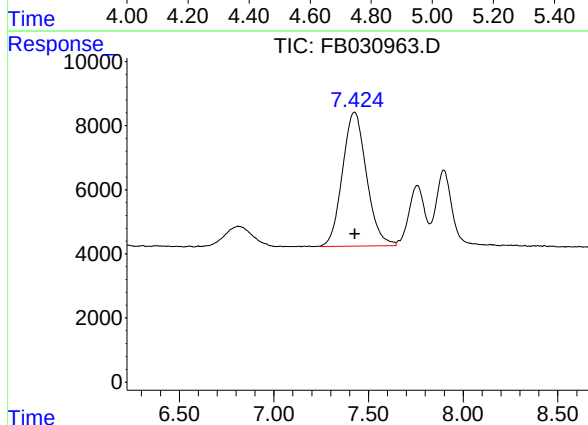




#1 2-Methylpentane

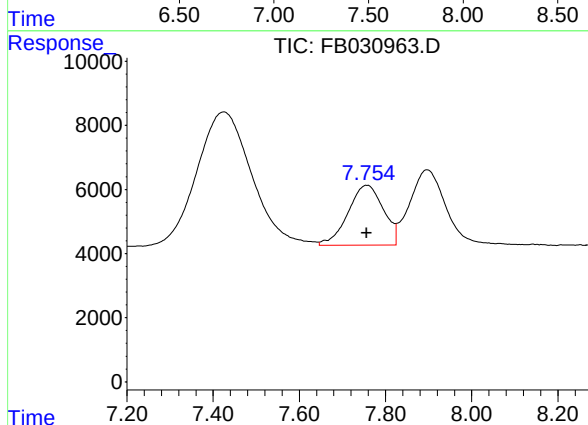
R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 267824
Conc: 8.15 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



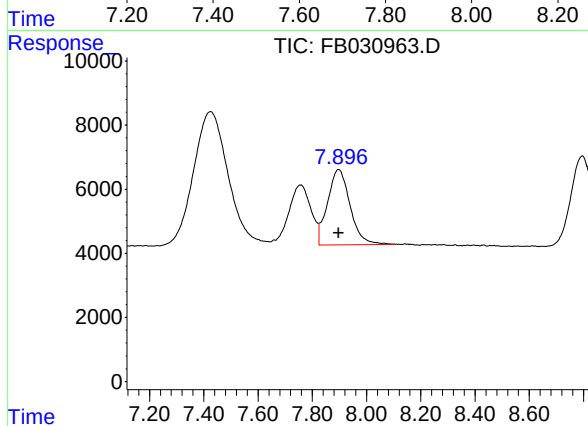
#2 2,2,4-Trimethylpentane

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 369502
Conc: 8.29 ng/ml



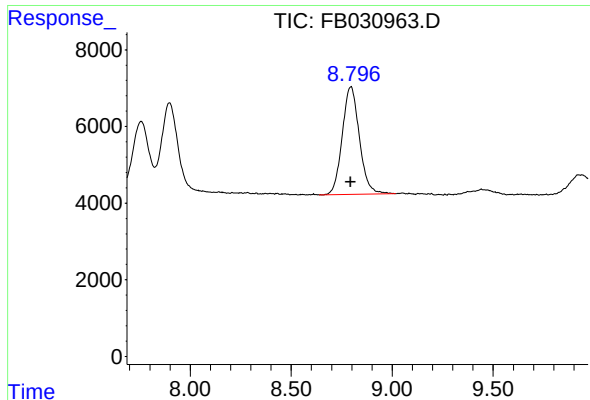
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 106895
Conc: 2.54 ng/ml



#4 Benzene

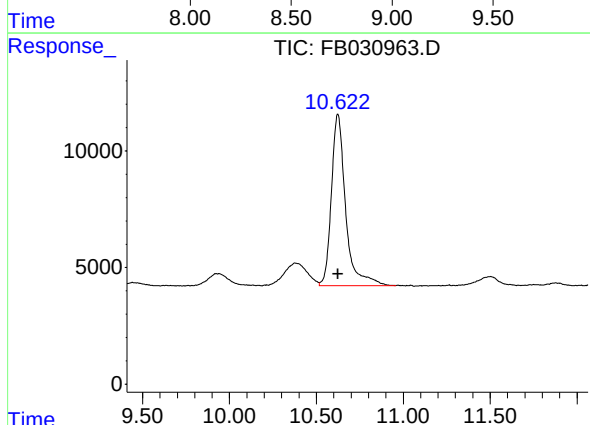
R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 135424
Conc: 2.69 ng/ml



#5 AAA-TFT

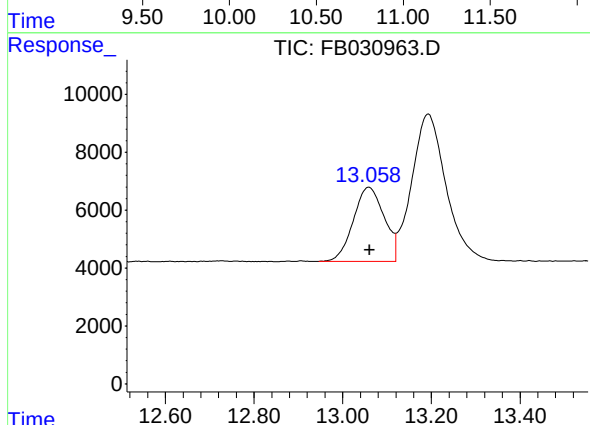
R.T.: 8.797 min
Delta R.T.: 0.002 min
Response: 165874
Conc: 5.43 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



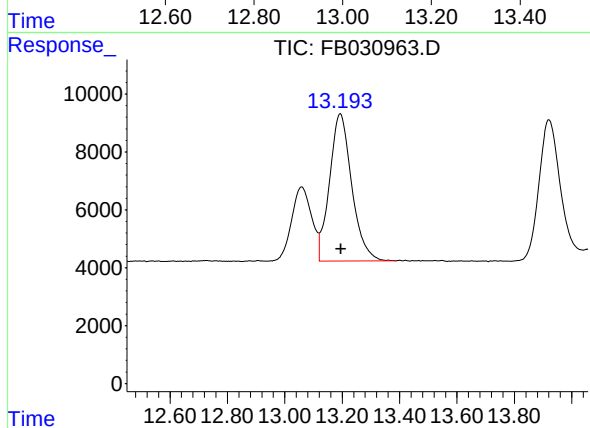
#6 Toluene

R.T.: 10.623 min
Delta R.T.: -0.001 min
Response: 418553
Conc: 8.38 ng/ml



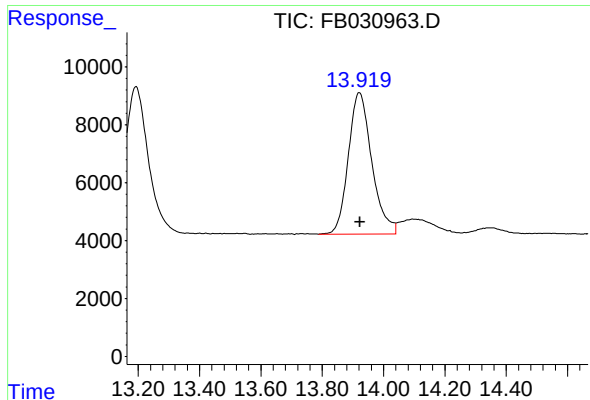
#7 Ethylbenzene

R.T.: 13.059 min
Delta R.T.: -0.001 min
Response: 123962
Conc: 2.83 ng/ml



#8 m-Xylene

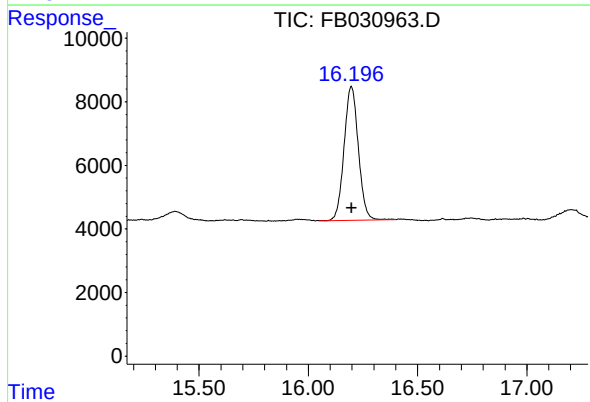
R.T.: 13.194 min
Delta R.T.: -0.001 min
Response: 273356
Conc: 5.66 ng/ml



#9 O-Xylene

R.T.: 13.921 min
Delta R.T.: -0.002 min
Response: 260179
Conc: 5.83 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.197 min
Delta R.T.: -0.001 min
Response: 190778
Conc: 6.23 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030963.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 9:45
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.729	4.601	4.861	BV	3767	267824	63.99%	11.582%
2	7.426	7.239	7.646	VV	4177	369502	88.28%	15.980%
3	7.758	7.646	7.825	VV	1868	106895	25.54%	4.623%
4	7.897	7.825	8.108	VV	2346	135424	32.36%	5.857%
5	8.797	8.637	9.018	BV	2811	165874	39.63%	7.173%
6	10.623	10.516	10.958	VV	7358	418553	100.00%	18.101%
7	13.059	12.946	13.120	BV	2565	123962	29.62%	5.361%
8	13.194	13.120	13.388	VV	5090	273356	65.31%	11.822%
9	13.921	13.789	14.040	BV	4892	260179	62.16%	11.252%
10	16.197	16.049	16.401	BBA	4216	190778	45.58%	8.250%

Sum of corrected areas: 2312347

FB100424.M Sat Oct 05 06:06:51 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
 Data File : FB030964.D
 Signal(s) : FID2B.CH
 Acq On : 4 Oct 2024 10:11
 Operator : YP/AJ
 Sample : 10 GRO STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 10 GRO STD

Integration File: Calibration.e
 Quant Time: Oct 04 10:38:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
 Quant Title :
 QLast Update : Fri Oct 04 10:37:47 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	295837	9.285 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.728	545405	15.911 ng/ml
2) t 2,2,4-Trimethylpentane	7.426	722030	15.392 ng/ml
3) t n-Heptane	7.756	224071	5.282 ng/ml
4) t Benzene	7.898	275133	5.261 ng/ml
6) t Toluene	10.625	853765	16.148 ng/ml
7) t Ethylbenzene	13.060	249620	5.348 ng/ml
8) t m-Xylene	13.194	549501	10.672 ng/ml
9) t O-Xylene	13.923	517172	10.697 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	360146	10.474 ng/ml

(f)=RT Delta > 1/2 Window

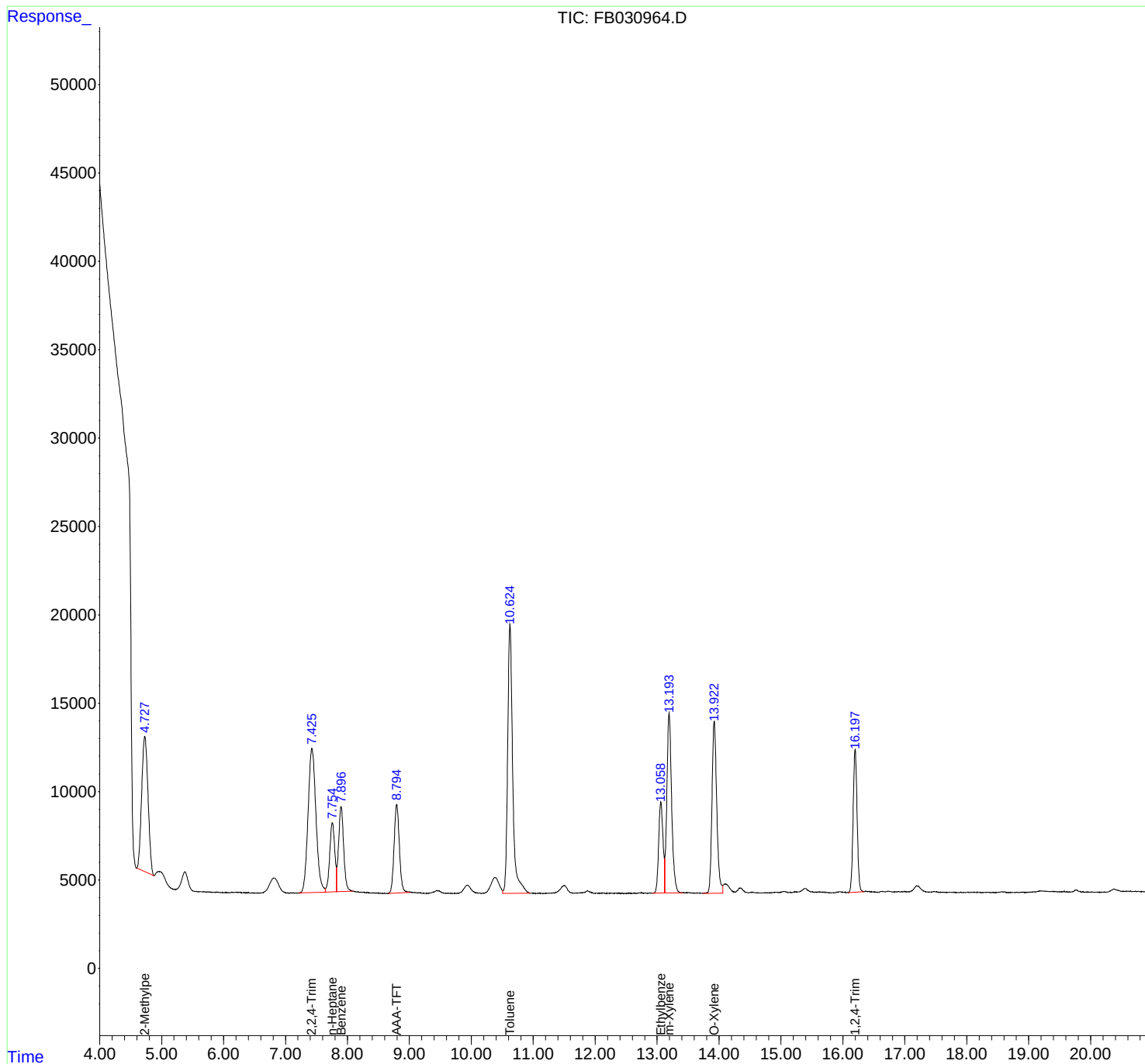
(m)=manual int.

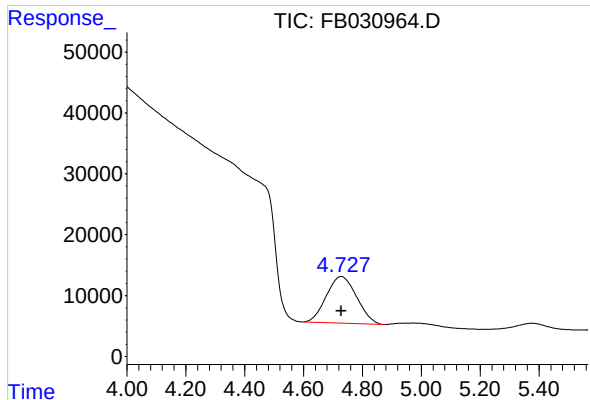
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030964.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 10:11
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

Integration File: Calibration.e
Quant Time: Oct 04 10:38:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 10:37:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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

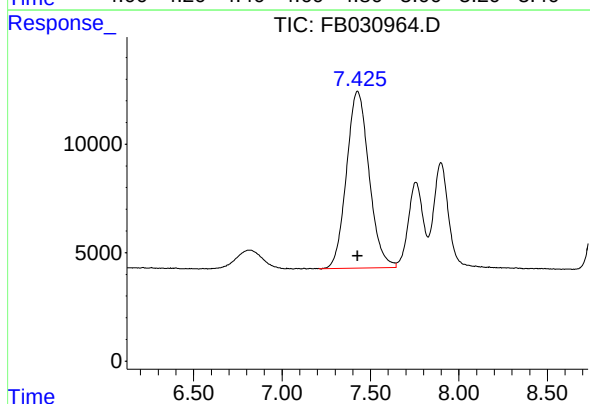




#1 2-Methylpentane

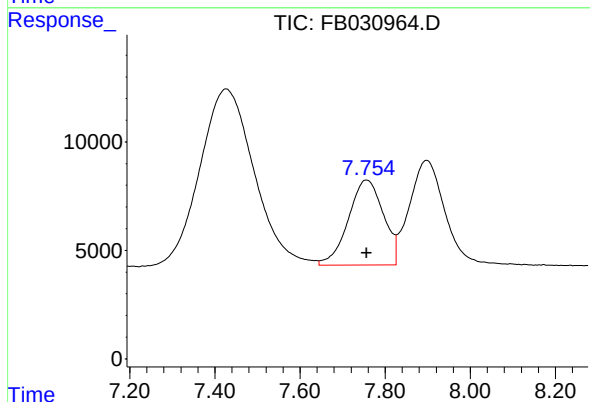
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 545405
Conc: 15.91 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



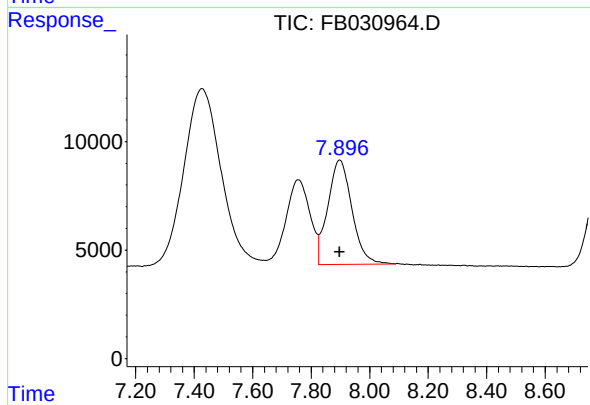
#2 2,2,4-Trimethylpentane

R.T.: 7.426 min
Delta R.T.: -0.001 min
Response: 722030
Conc: 15.39 ng/ml



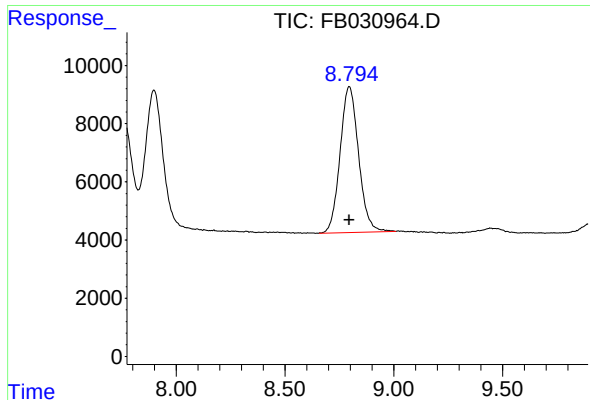
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 224071
Conc: 5.28 ng/ml



#4 Benzene

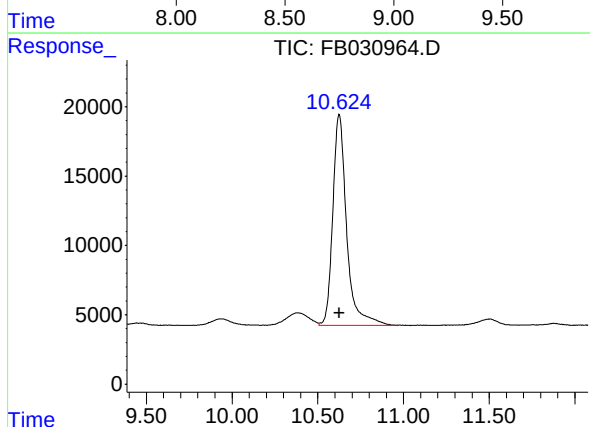
R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 275133
Conc: 5.26 ng/ml



#5 AAA-TFT

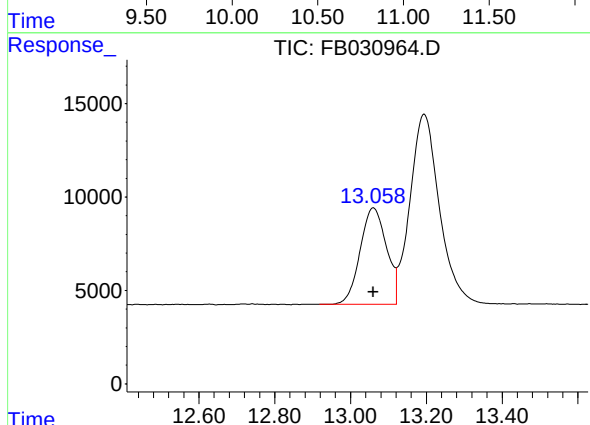
R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 295837
Conc: 9.28 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



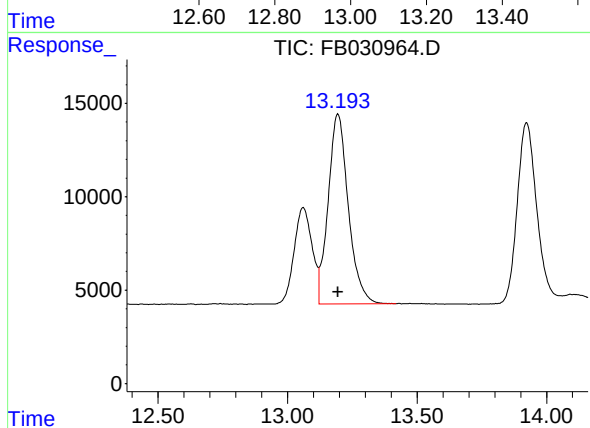
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 853765
Conc: 16.15 ng/ml



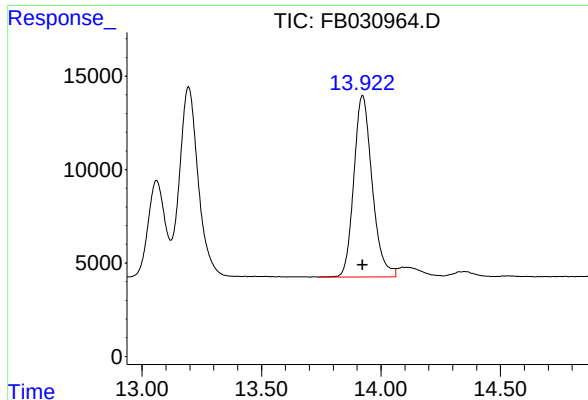
#7 Ethylbenzene

R.T.: 13.060 min
Delta R.T.: 0.000 min
Response: 249620
Conc: 5.35 ng/ml



#8 m-Xylene

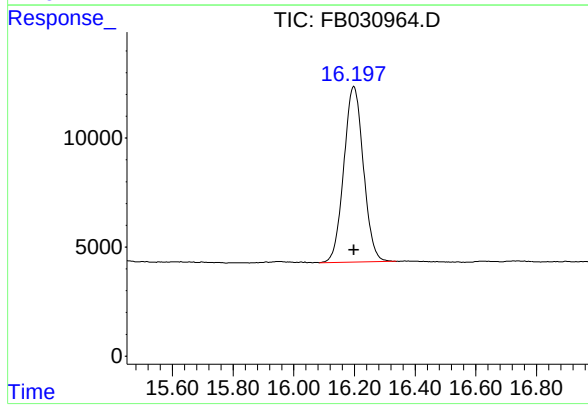
R.T.: 13.194 min
Delta R.T.: 0.000 min
Response: 549501
Conc: 10.67 ng/ml



#9 O-Xylene

R.T.: 13.923 min
Delta R.T.: 0.000 min
Response: 517172
Conc: 10.70 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.198 min
Delta R.T.: 0.000 min
Response: 360146
Conc: 10.47 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030964.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 10:11
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.728	4.601	4.878	BV	7647	545405	63.88%	11.876%
2	7.426	7.209	7.644	BV	8159	722030	84.57%	15.721%
3	7.756	7.644	7.826	VV	3920	224071	26.24%	4.879%
4	7.898	7.826	8.089	VV	4813	275133	32.23%	5.991%
5	8.796	8.657	9.010	BV	5019	295837	34.65%	6.441%
6	10.625	10.506	10.956	VV	15221	853765	100.00%	18.590%
7	13.060	12.918	13.121	BV	5167	249620	29.24%	5.435%
8	13.194	13.121	13.419	VV	10177	549501	64.36%	11.965%
9	13.923	13.739	14.062	PV	9726	517172	60.58%	11.261%
10	16.198	16.085	16.339	PV	8062	360146	42.18%	7.842%

Sum of corrected areas: 4592681

FB100424.M Sat Oct 05 06:07:32 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
 Data File : FB030965.D
 Signal(s) : FID2B.CH
 Acq On : 4 Oct 2024 10:38
 Operator : YP/AJ
 Sample : 20 GRO STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 GRO STD

Integration File: Calibration.e
 Quant Time: Oct 04 10:36:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
 Quant Title :
 QLast Update : Fri Oct 04 10:36:04 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	611009	20.000 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.728	985433	30.000 ng/ml
2) t 2,2,4-Trimethylpentane	7.428	1336470	30.000 ng/ml
3) t n-Heptane	7.757	420858	10.000 ng/ml
4) t Benzene	7.898	504170	10.000 ng/ml
6) t Toluene	10.625	1498114	30.000 ng/ml
7) t Ethylbenzene	13.061	437603	10.000 ng/ml
8) t m-Xylene	13.195	966126	20.000 ng/ml
9) t O-Xylene	13.923	893199	20.000 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	612221	20.000 ng/ml

(f)=RT Delta > 1/2 Window

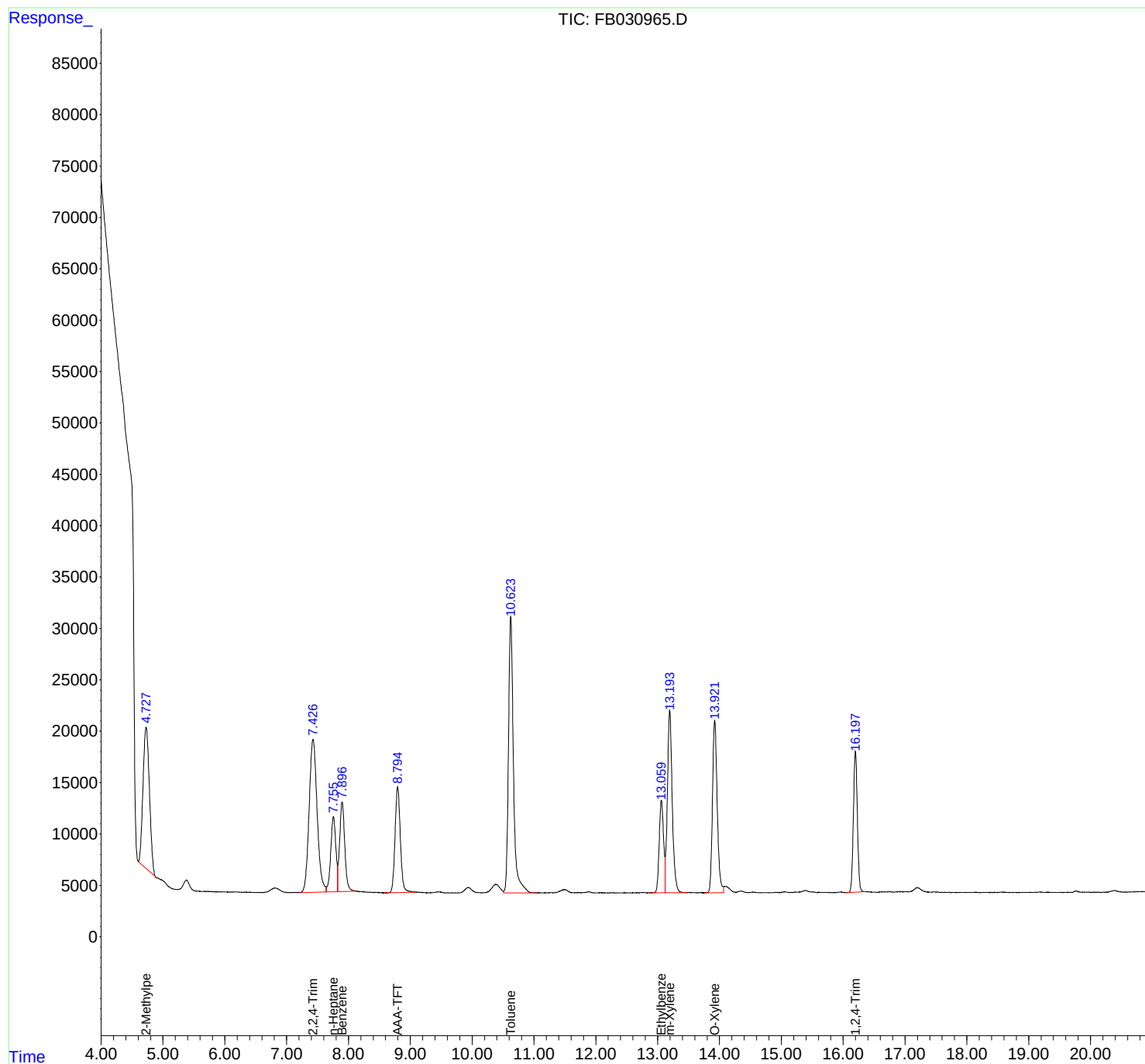
(m)=manual int.

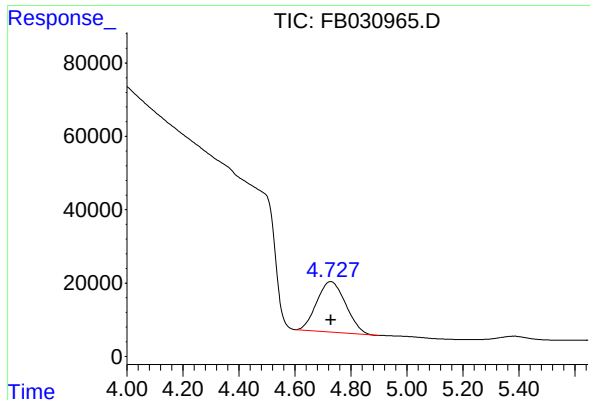
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030965.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 10:38
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

Integration File: Calibration.e
Quant Time: Oct 04 10:36:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 10:36:04 2024
Response via : Initial Calibration
Integrator: ChemStation

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

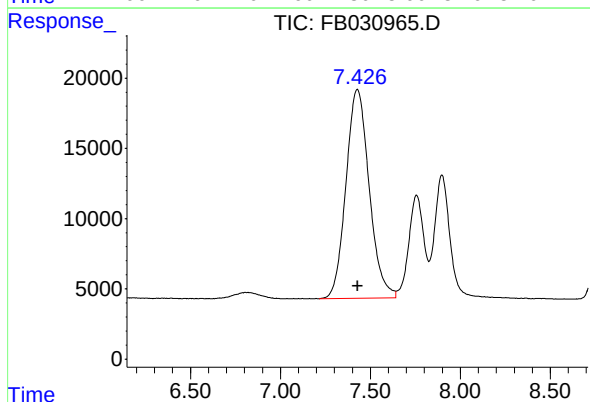




#1 2-Methylpentane

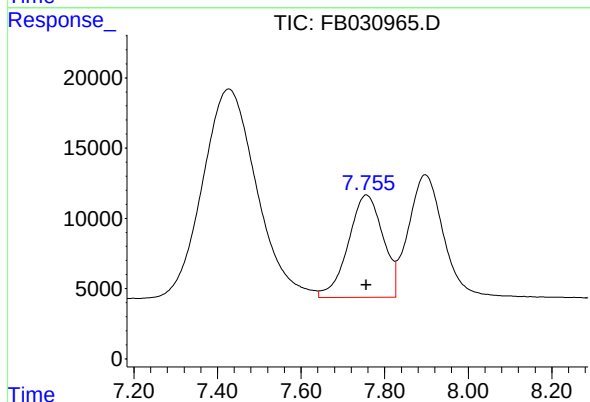
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 985433
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



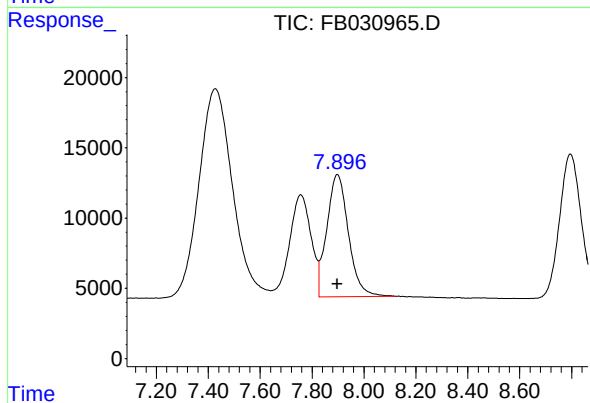
#2 2,2,4-Trimethylpentane

R.T.: 7.428 min
Delta R.T.: 0.000 min
Response: 1336470
Conc: 30.00 ng/ml



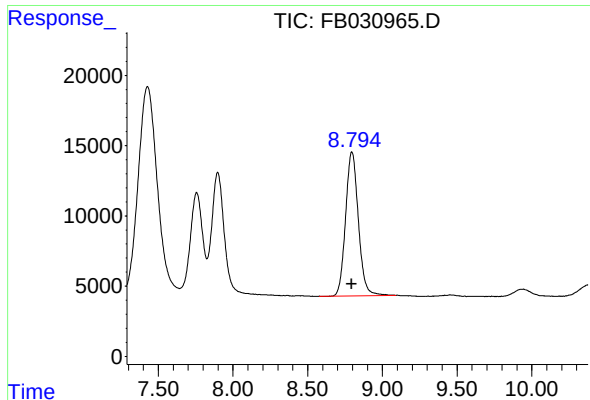
#3 n-Heptane

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 420858
Conc: 10.00 ng/ml



#4 Benzene

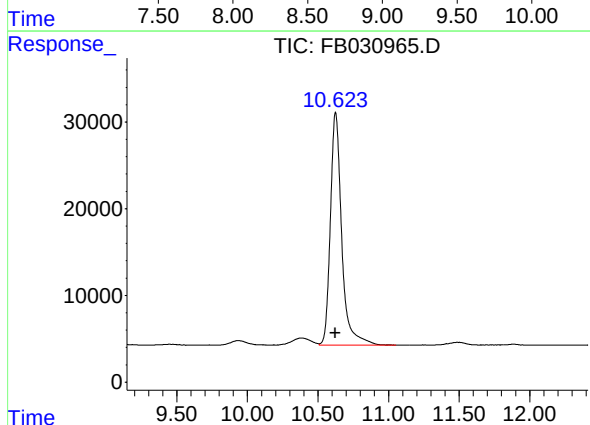
R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 504170
Conc: 10.00 ng/ml



#5 AAA-TFT

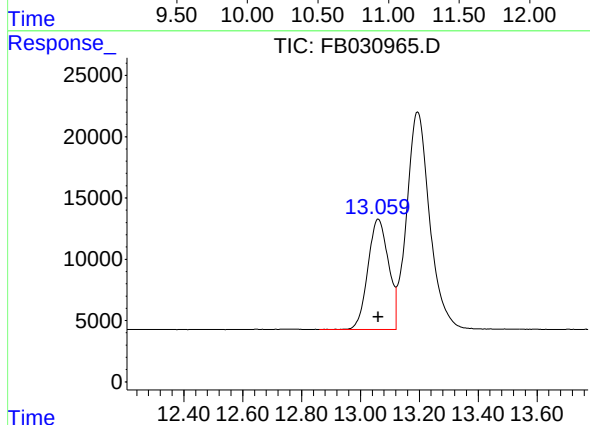
R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 611009
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



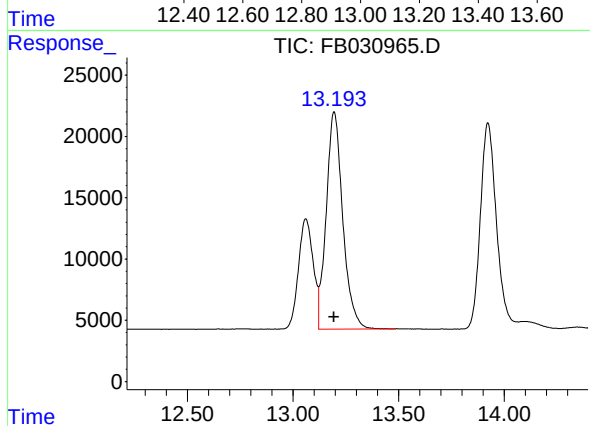
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 1498114
Conc: 30.00 ng/ml



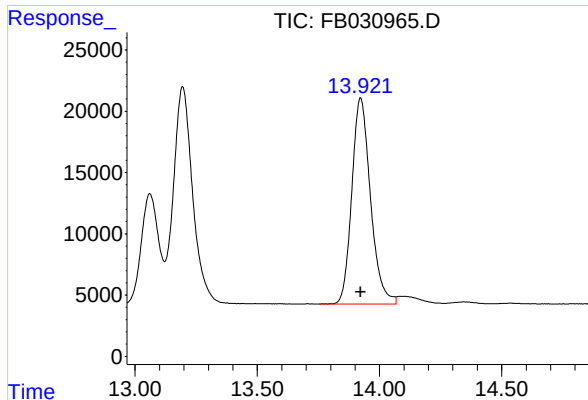
#7 Ethylbenzene

R.T.: 13.061 min
Delta R.T.: 0.000 min
Response: 437603
Conc: 10.00 ng/ml



#8 m-Xylene

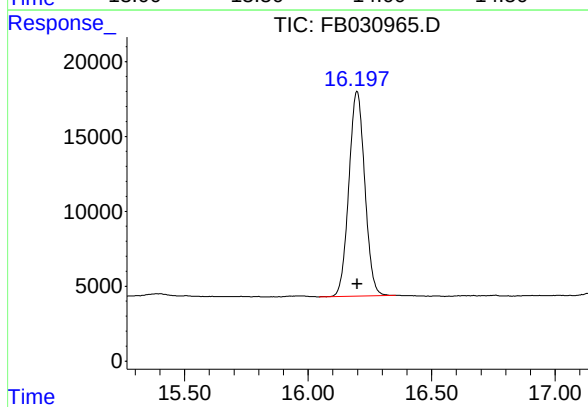
R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 966126
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.923 min
Delta R.T.: 0.000 min
Response: 893199
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.198 min
Delta R.T.: 0.000 min
Response: 612221
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030965.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 10:38
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.728	4.601	4.900	BBA	13748	985433	65.78%	11.923%
2	7.428	7.214	7.642	PV	14890	1336470	89.21%	16.170%
3	7.757	7.642	7.826	VV	7308	420858	28.09%	5.092%
4	7.898	7.826	8.123	VV	8709	504170	33.65%	6.100%
5	8.795	8.576	9.091	BV	10273	611009	40.79%	7.393%
6	10.625	10.508	11.053	VV	26863	1498114	100.00%	18.126%
7	13.061	12.860	13.121	PV	9012	437603	29.21%	5.295%
8	13.195	13.121	13.486	VV	17726	966126	64.49%	11.689%
9	13.923	13.753	14.067	BV	16825	893199	59.62%	10.807%
10	16.198	16.043	16.355	PV	13679	612221	40.87%	7.407%

Sum of corrected areas: 8265204

FB100424.M Sat Oct 05 06:08:17 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
 Data File : FB030966.D
 Signal(s) : FID2B.CH
 Acq On : 4 Oct 2024 11:05
 Operator : YP/AJ
 Sample : 50 GRO STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 50 GRO STD

Integration File: Calibration.e
 Quant Time: Oct 04 11:01:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
 Quant Title :
 QLast Update : Fri Oct 04 10:41:05 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	1352495	43.484 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.729	2850875	81.517 ng/ml
2) t 2,2,4-Trimethylpentane	7.431	3634732	76.816 ng/ml
3) t n-Heptane	7.758	1192795	27.599 ng/ml
4) t Benzene	7.899	1447228	27.201 ng/ml
6) t Toluene	10.627	4058953	74.860 ng/ml
7) t Ethylbenzene	13.063	1184934	24.812 ng/ml
8) t m-Xylene	13.197	2605506	49.494 ng/ml
9) t O-Xylene	13.926	2427068	49.060 ng/ml
10) t 1,2,4-Trimethylbenzene	16.200	1540361	44.102 ng/ml

(f)=RT Delta > 1/2 Window

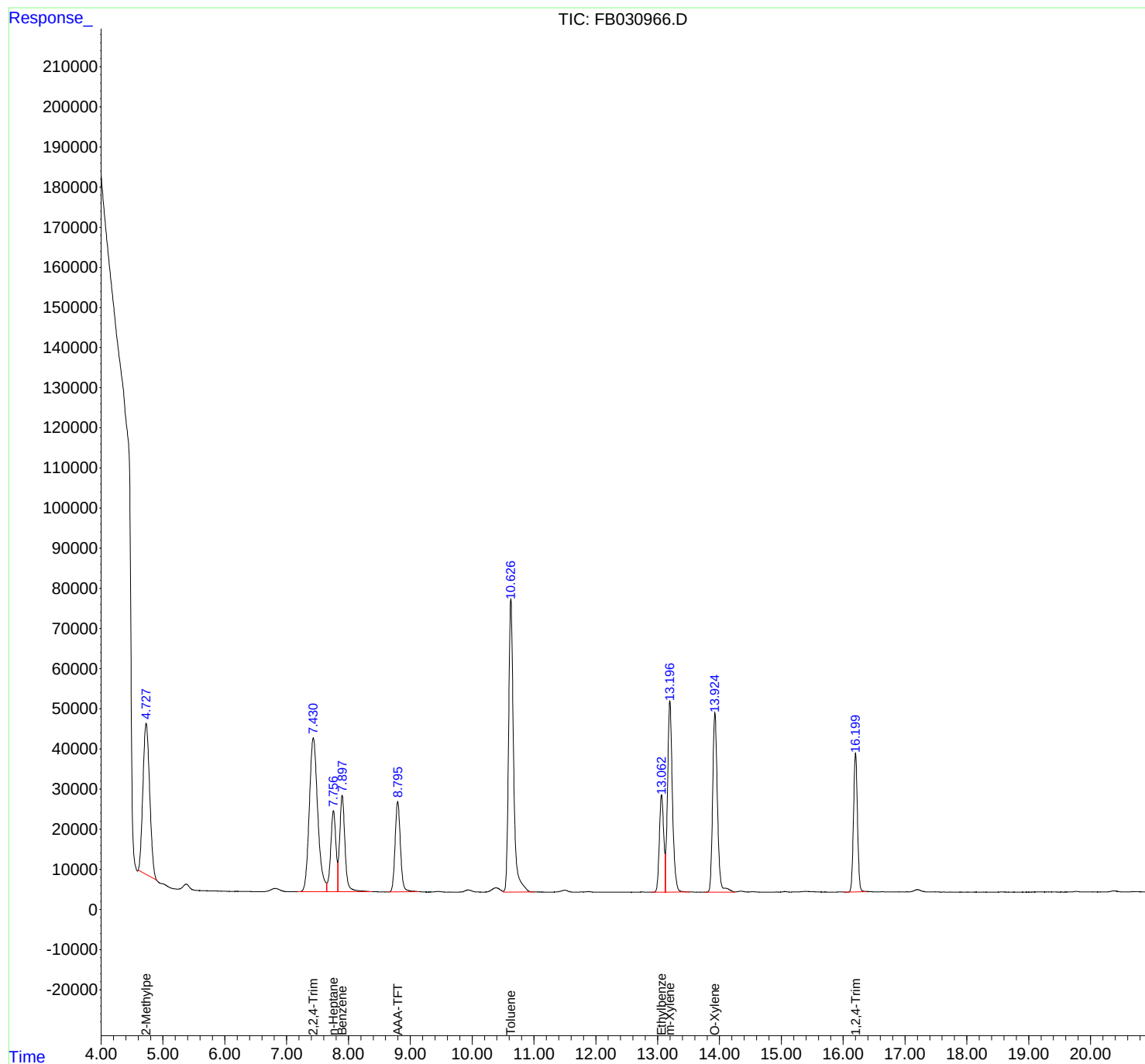
(m)=manual int.

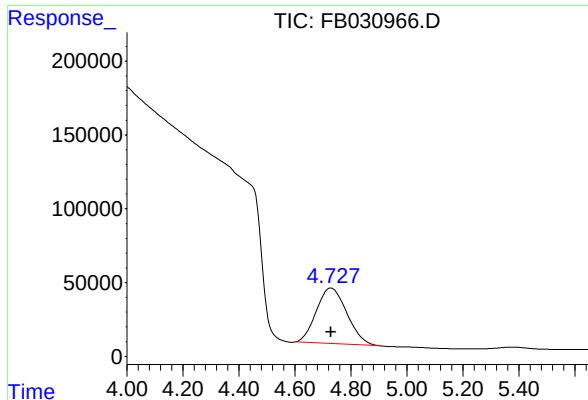
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030966.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 11:05
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Integration File: Calibration.e
Quant Time: Oct 04 11:01:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 10:41:05 2024
Response via : Initial Calibration
Integrator: ChemStation

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

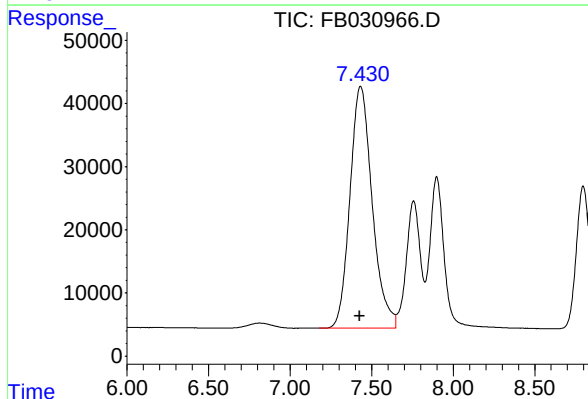




#1 2-Methylpentane

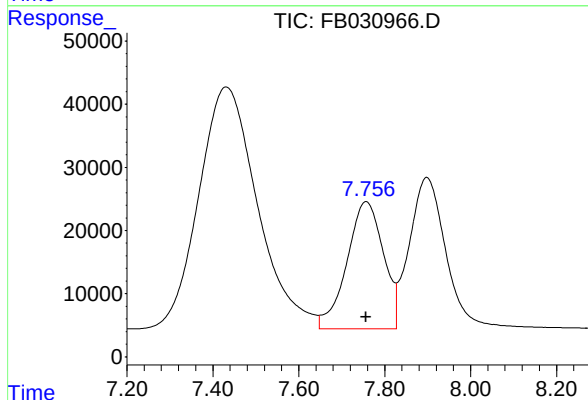
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 2850875
Conc: 81.52 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



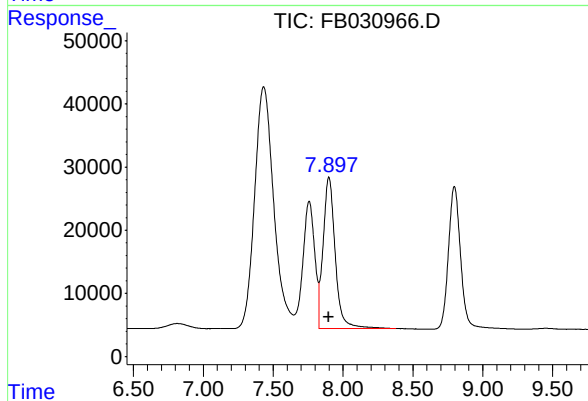
#2 2,2,4-Trimethylpentane

R.T.: 7.431 min
Delta R.T.: 0.004 min
Response: 3634732
Conc: 76.82 ng/ml



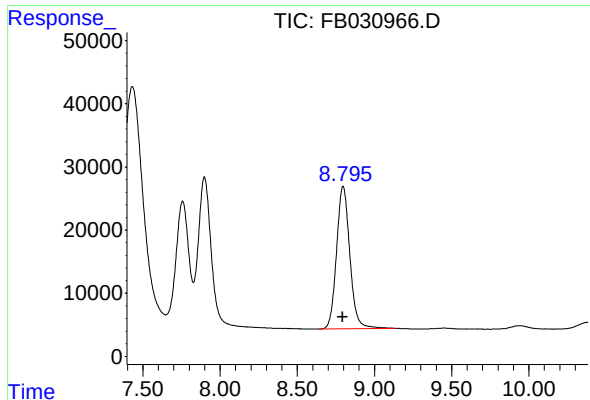
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 1192795
Conc: 27.60 ng/ml



#4 Benzene

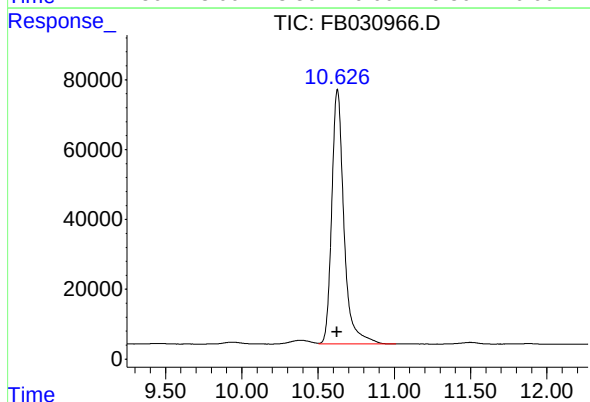
R.T.: 7.899 min
Delta R.T.: 0.001 min
Response: 1447228
Conc: 27.20 ng/ml



#5 AAA-TFT

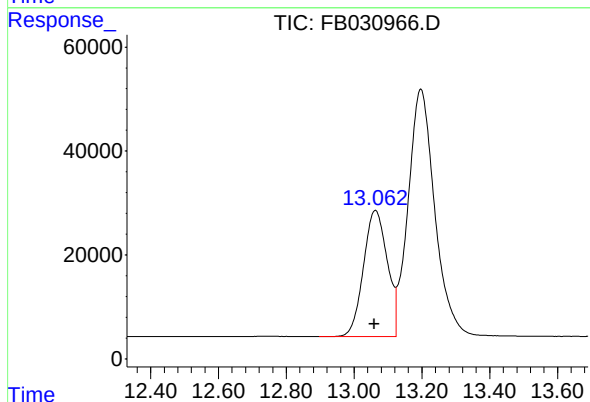
R.T.: 8.797 min
Delta R.T.: 0.001 min
Response: 1352495
Conc: 43.48 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



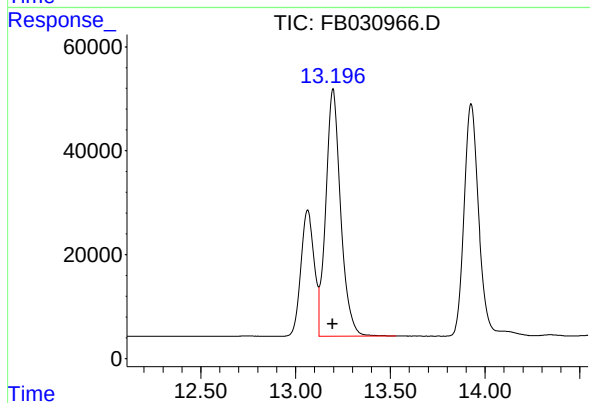
#6 Toluene

R.T.: 10.627 min
Delta R.T.: 0.002 min
Response: 4058953
Conc: 74.86 ng/ml



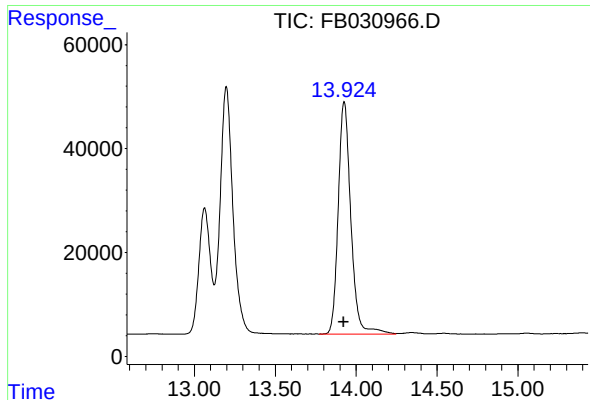
#7 Ethylbenzene

R.T.: 13.063 min
Delta R.T.: 0.003 min
Response: 1184934
Conc: 24.81 ng/ml



#8 m-Xylene

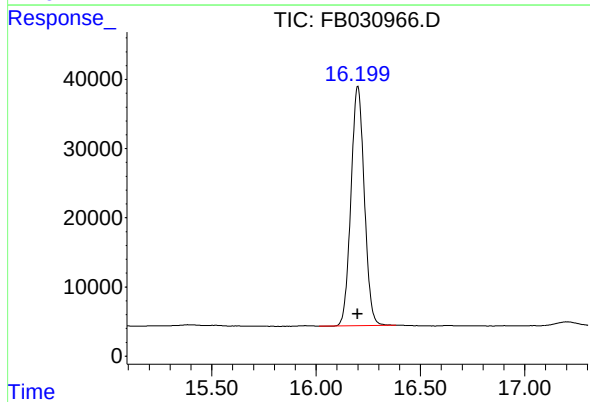
R.T.: 13.197 min
Delta R.T.: 0.003 min
Response: 2605506
Conc: 49.49 ng/ml



#9 O-Xylene

R.T.: 13.926 min
Delta R.T.: 0.003 min
Response: 2427068
Conc: 49.06 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.200 min
Delta R.T.: 0.002 min
Response: 1540361
Conc: 44.10 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030966.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 11:05
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.729	4.601	4.900	BBA	37670	2850875	70.24%	12.787%
2	7.431	7.176	7.648	VV	38327	3634732	89.55%	16.303%
3	7.758	7.648	7.827	VV	20191	1192795	29.39%	5.350%
4	7.899	7.827	8.378	VV	24000	1447228	35.66%	6.491%
5	8.797	8.640	9.138	BV	22572	1352495	33.32%	6.066%
6	10.627	10.506	11.011	VV	72983	4058953	100.00%	18.206%
7	13.063	12.896	13.124	PV	24292	1184934	29.19%	5.315%
8	13.197	13.124	13.530	VV	47631	2605506	64.19%	11.687%
9	13.926	13.770	14.246	PV	44741	2427068	59.80%	10.886%
10	16.200	16.014	16.383	PV	34638	1540361	37.95%	6.909%

Sum of corrected areas: 22294948

FB100424.M Sat Oct 05 06:09:14 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
 Data File : FB030967.D
 Signal(s) : FID2B.CH
 Acq On : 4 Oct 2024 11:31
 Operator : YP/AJ
 Sample : 100 GRO STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 100 GRO STD

Integration File: Calibration.e
 Quant Time: Oct 04 11:27:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
 Quant Title :
 QLast Update : Fri Oct 04 11:02:13 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	2952871	98.136 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.726	5624158	157.397 ng/ml
2) t 2,2,4-Trimethylpentane	7.432	7177805	150.783 ng/ml
3) t n-Heptane	7.756	2407690	54.298 ng/ml
4) t Benzene	7.898	2865961	52.707 ng/ml
6) t Toluene	10.627	7997551	147.569 ng/ml
7) t Ethylbenzene	13.064	2316727	48.603 ng/ml
8) t m-Xylene	13.199	5080419	96.753 ng/ml
9) t O-Xylene	13.928	4627108	93.973 ng/ml
10) t 1,2,4-Trimethylbenzene	16.202	2825204	83.346 ng/ml

(f)=RT Delta > 1/2 Window

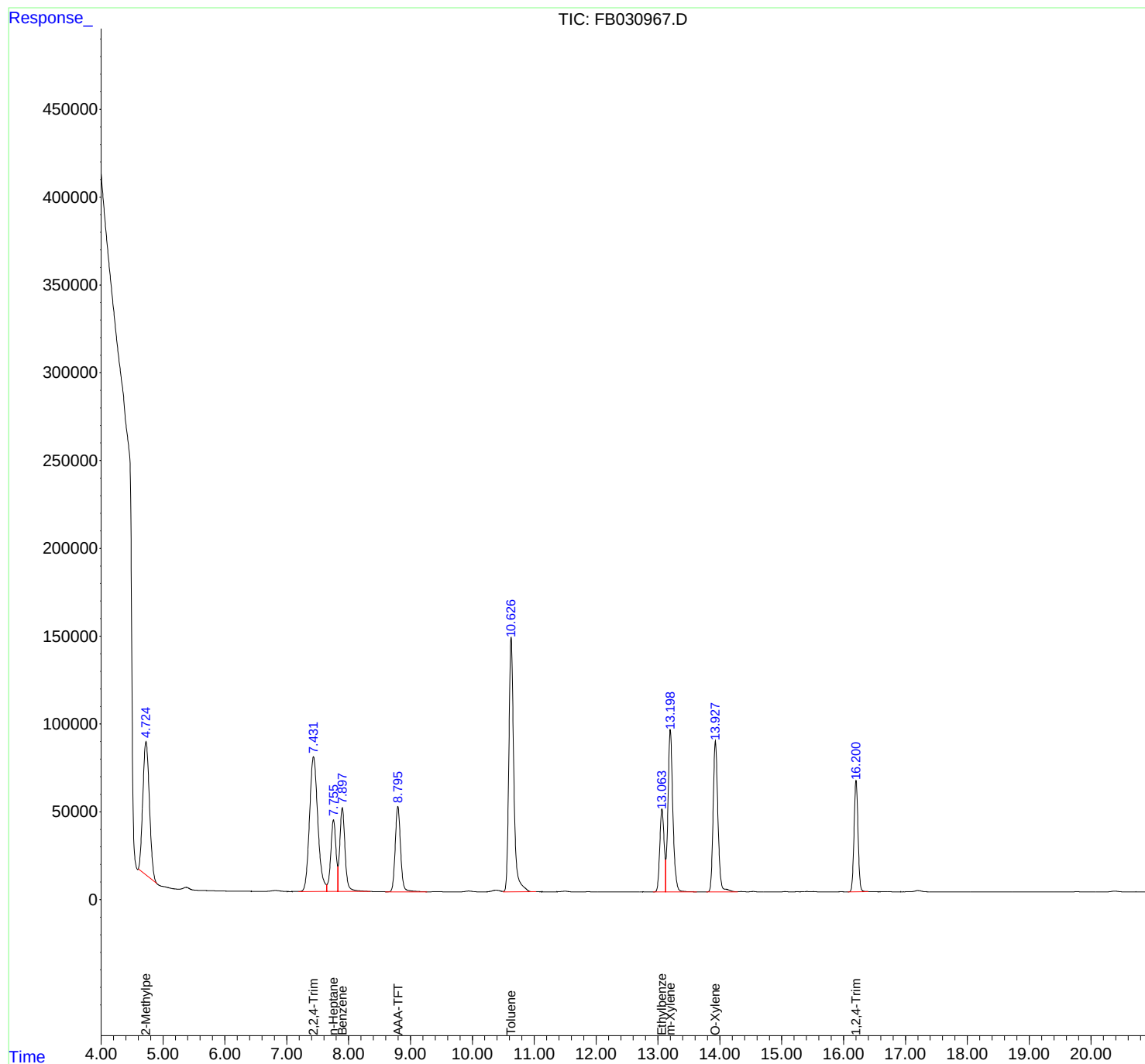
(m)=manual int.

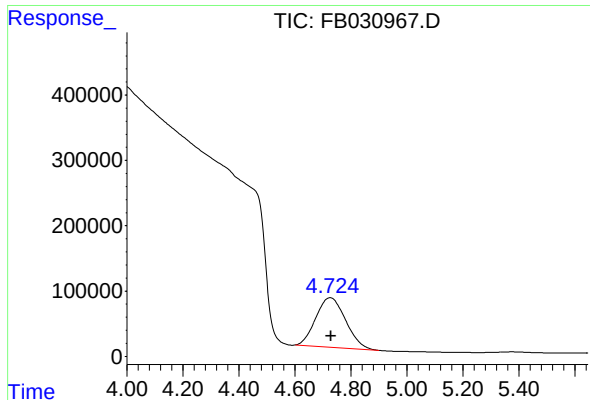
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030967.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 11:31
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Integration File: Calibration.e
Quant Time: Oct 04 11:27:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 11:02:13 2024
Response via : Initial Calibration
Integrator: ChemStation

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

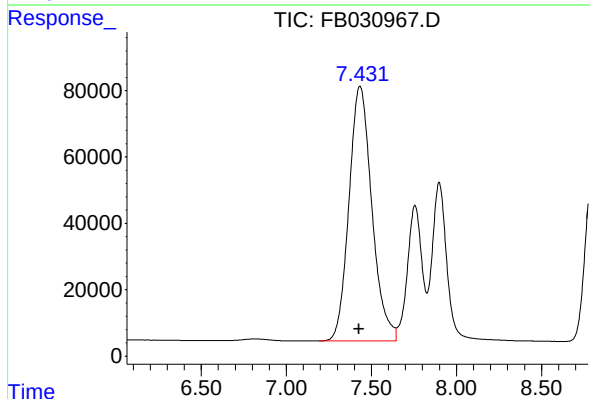




#1 2-Methylpentane

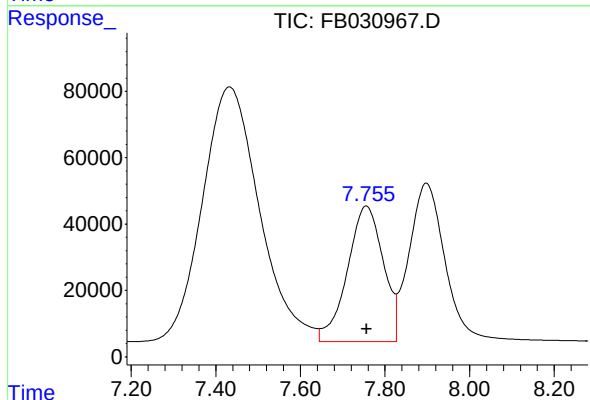
R.T.: 4.726 min
Delta R.T.: -0.002 min
Response: 5624158
Conc: 157.40 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



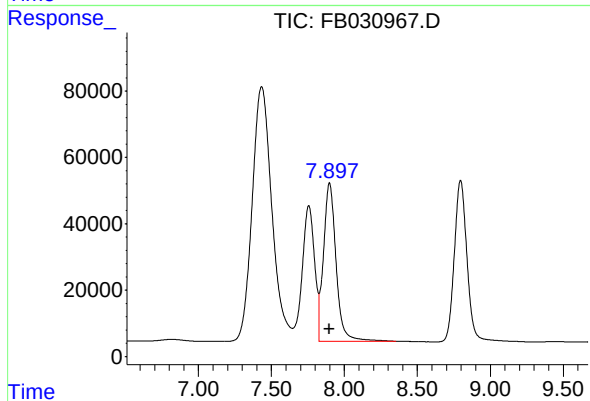
#2 2,2,4-Trimethylpentane

R.T.: 7.432 min
Delta R.T.: 0.005 min
Response: 7177805
Conc: 150.78 ng/ml



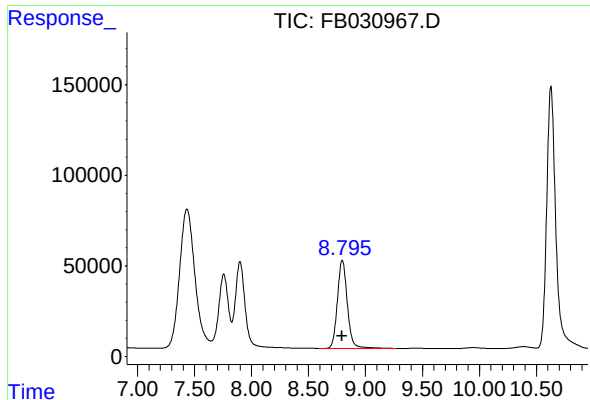
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 2407690
Conc: 54.30 ng/ml



#4 Benzene

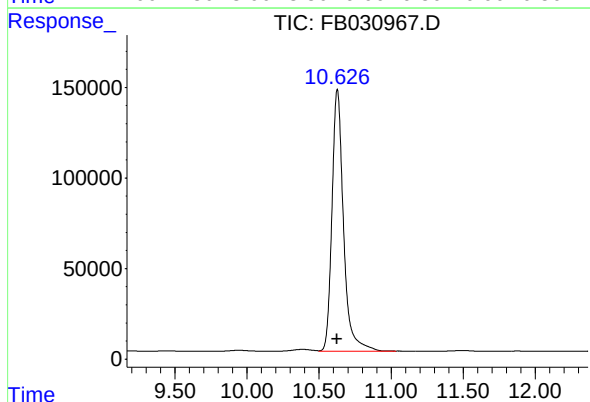
R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 2865961
Conc: 52.71 ng/ml



#5 AAA-TFT

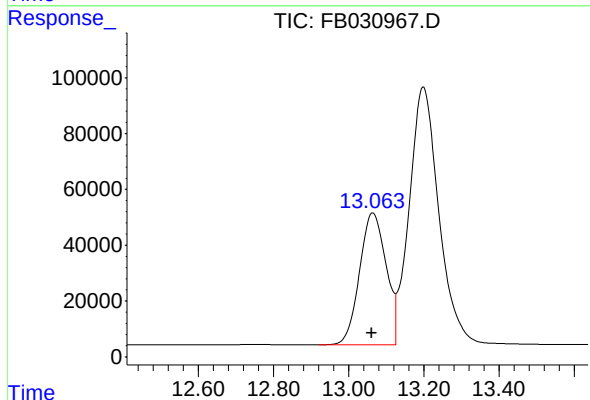
R.T.: 8.797 min
Delta R.T.: 0.001 min
Response: 2952871
Conc: 98.14 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



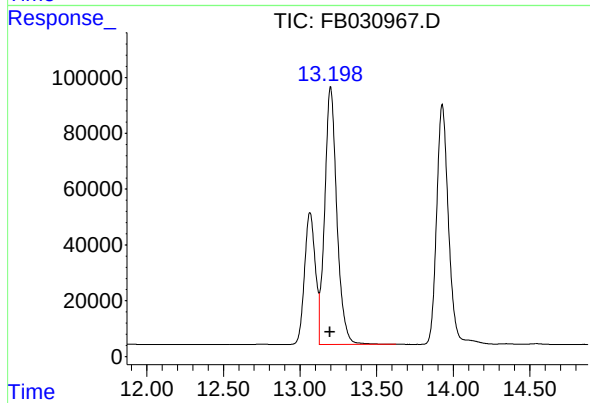
#6 Toluene

R.T.: 10.627 min
Delta R.T.: 0.003 min
Response: 7997551
Conc: 147.57 ng/ml



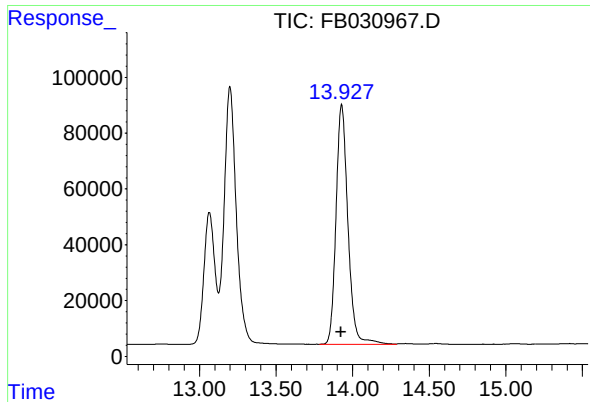
#7 Ethylbenzene

R.T.: 13.064 min
Delta R.T.: 0.004 min
Response: 2316727
Conc: 48.60 ng/ml



#8 m-Xylene

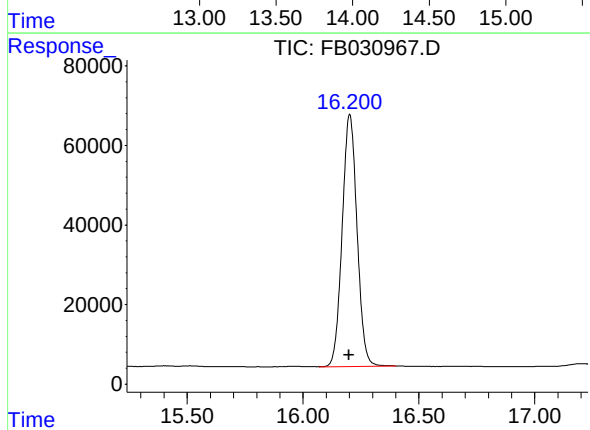
R.T.: 13.199 min
Delta R.T.: 0.004 min
Response: 5080419
Conc: 96.75 ng/ml



#9 O-Xylene

R.T.: 13.928 min
Delta R.T.: 0.005 min
Response: 4627108
Conc: 93.97 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.202 min
Delta R.T.: 0.003 min
Response: 2825204
Conc: 83.35 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030967.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 11:31
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.726	4.601	4.900	BBA	75983	5624158	70.32%	12.818%
2	7.432	7.192	7.644	VV	76766	7177805	89.75%	16.359%
3	7.756	7.644	7.827	VV	40869	2407690	30.11%	5.488%
4	7.898	7.827	8.353	VV	47752	2865961	35.84%	6.532%
5	8.797	8.592	9.267	PV	48708	2952871	36.92%	6.730%
6	10.627	10.499	11.033	VV	144635	7997551	100.00%	18.228%
7	13.064	12.921	13.125	VV	47223	2316727	28.97%	5.280%
8	13.199	13.125	13.628	VV	92357	5080419	63.52%	11.579%
9	13.928	13.782	14.284	PV	86037	4627108	57.86%	10.546%
10	16.202	16.069	16.401	BBA	63402	2825204	35.33%	6.439%

Sum of corrected areas: 43875493

FB100424.M Sat Oct 05 06:10:01 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
 Data File : FB030968.D
 Signal(s) : FID2B.CH
 Acq On : 4 Oct 2024 12:09
 Operator : YP/AJ
 Sample : FB100424GROICV
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 FB100424GROICV

Integration File: Calibration.e
 Quant Time: Oct 04 12:05:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
 Quant Title :
 QLast Update : Fri Oct 04 11:53:51 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	555957	18.546 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.728	925012	25.634 ng/ml
2) t 2,2,4-Trimethylpentane	7.427	1267661	26.602 ng/ml
3) t n-Heptane	7.756	374766	8.309 ng/ml
4) t Benzene	7.898	482014	8.770 ng/ml
6) t Toluene	10.624	1436974	26.601 ng/ml
7) t Ethylbenzene	13.061	438211	9.245 ng/ml
8) t m-Xylene	13.195	974235	18.675 ng/ml
9) t O-Xylene	13.923	939607	19.316 ng/ml
10) t 1,2,4-Trimethylbenzene	16.199	664963	20.293 ng/ml

(f)=RT Delta > 1/2 Window

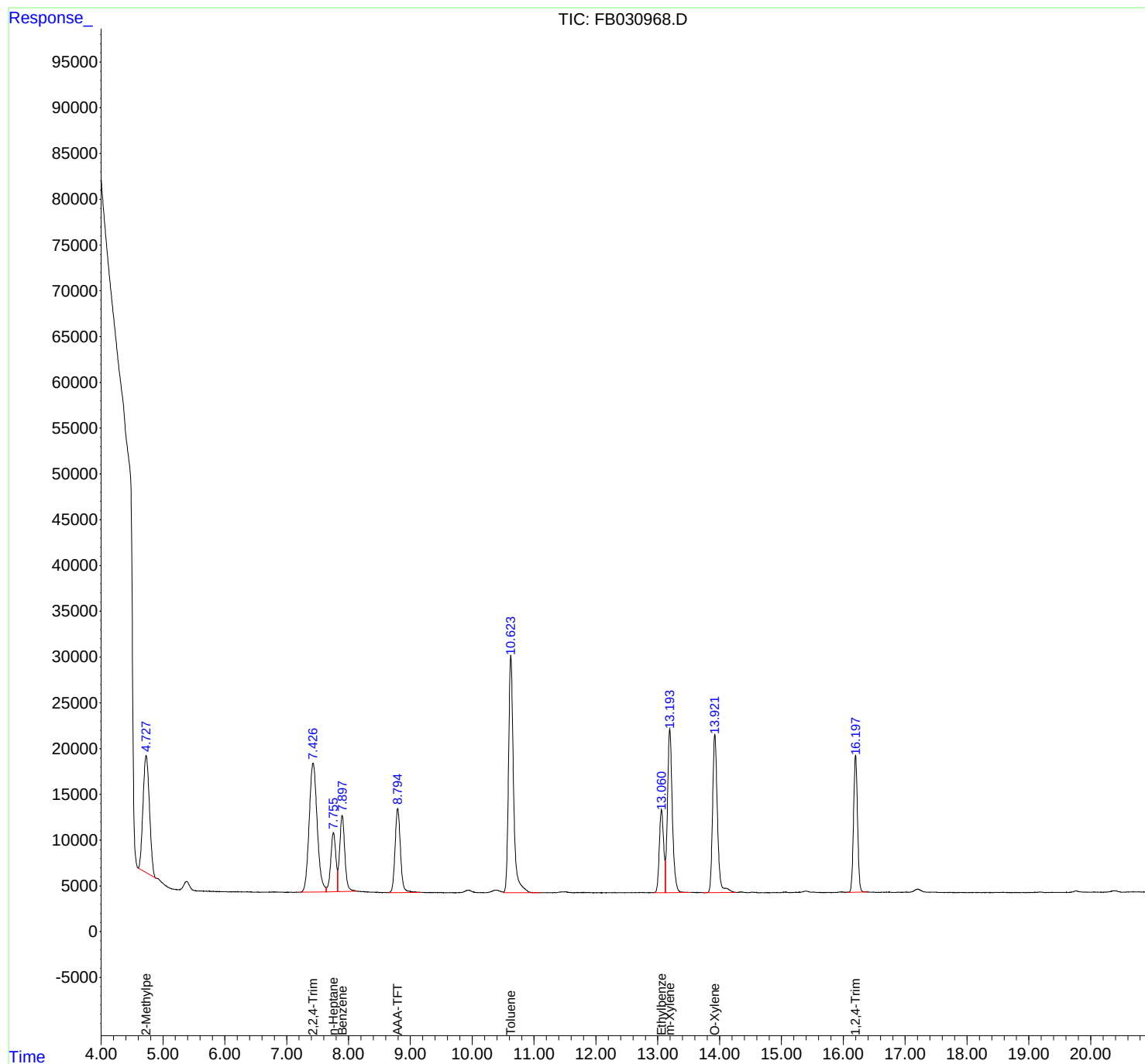
(m)=manual int.

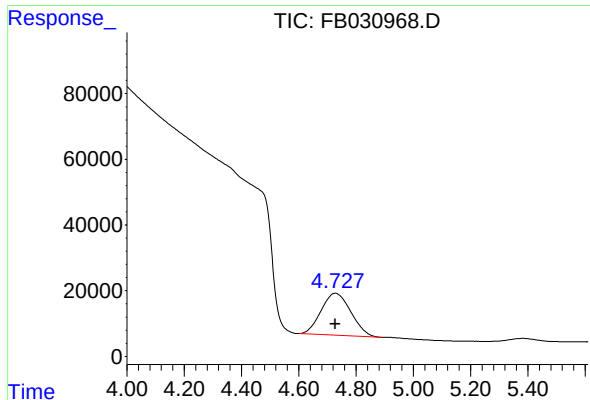
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
Data File : FB030968.D
Signal(s) : FID2B.CH
Acq On : 4 Oct 2024 12:09
Operator : YP/AJ
Sample : FB100424GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB100424GROICV

Integration File: Calibration.e
Quant Time: Oct 04 12:05:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
Quant Title :
QLast Update : Fri Oct 04 11:53:51 2024
Response via : Initial Calibration
Integrator: ChemStation

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

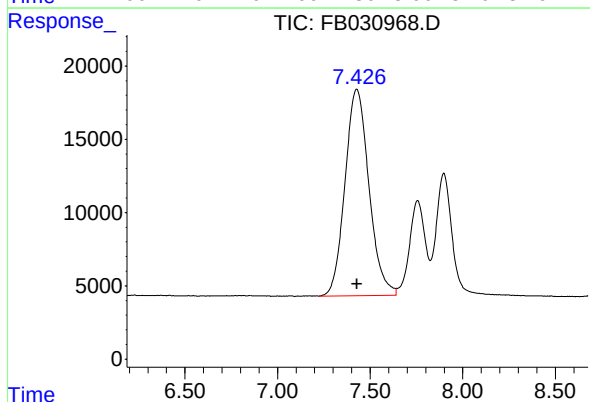




#1 2-Methylpentane

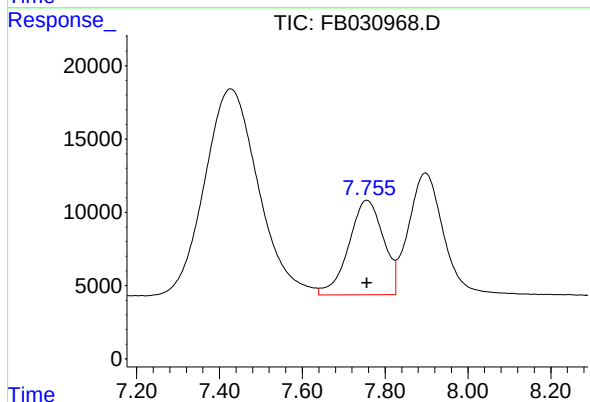
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 925012
Conc: 25.63 ng/ml

Instrument :
FID_B
ClientSampleId :
FB100424GROICV



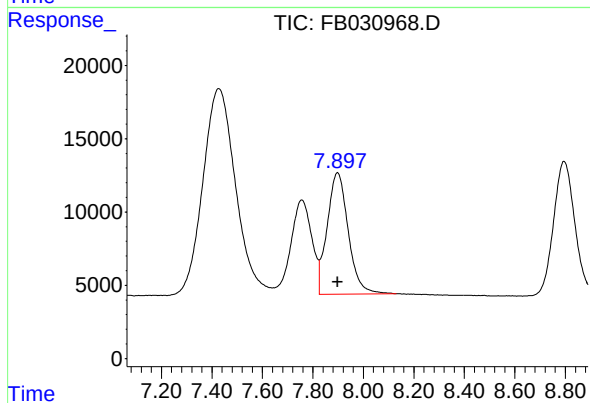
#2 2,2,4-Trimethylpentane

R.T.: 7.427 min
Delta R.T.: 0.000 min
Response: 1267661
Conc: 26.60 ng/ml



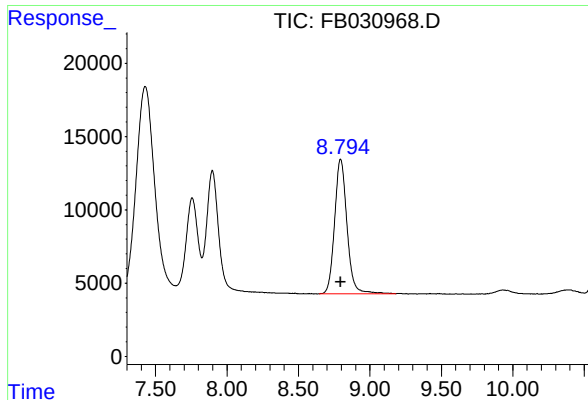
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 374766
Conc: 8.31 ng/ml



#4 Benzene

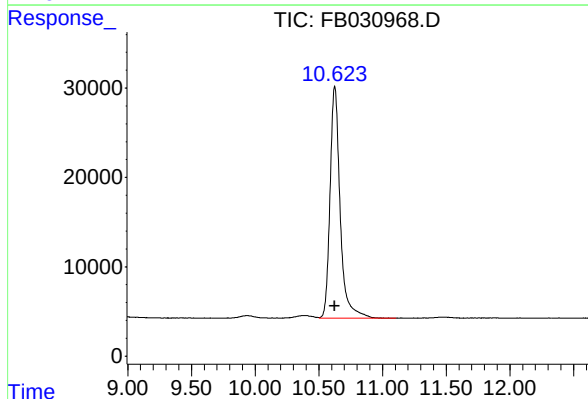
R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 482014
Conc: 8.77 ng/ml



#5 AAA-TFT

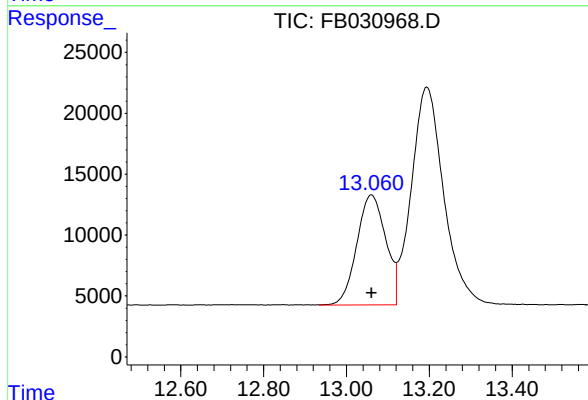
R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 555957
Conc: 18.55 ng/ml

Instrument :
FID_B
ClientSampleId :
FB100424GROICV



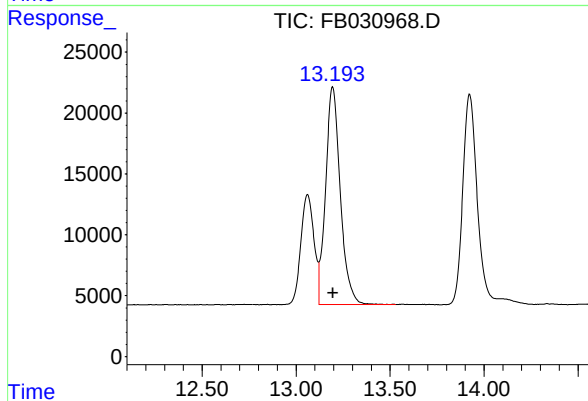
#6 Toluene

R.T.: 10.624 min
Delta R.T.: 0.000 min
Response: 1436974
Conc: 26.60 ng/ml



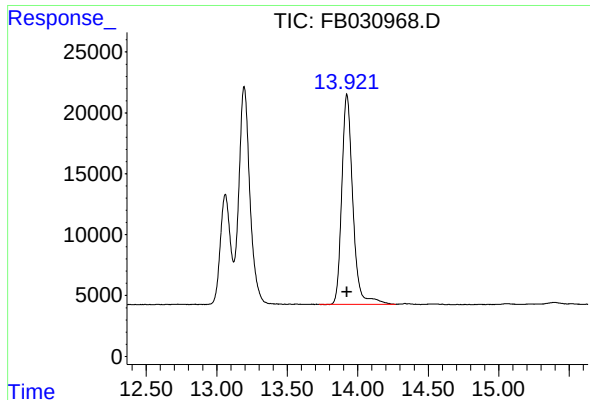
#7 Ethylbenzene

R.T.: 13.061 min
Delta R.T.: 0.000 min
Response: 438211
Conc: 9.24 ng/ml



#8 m-Xylene

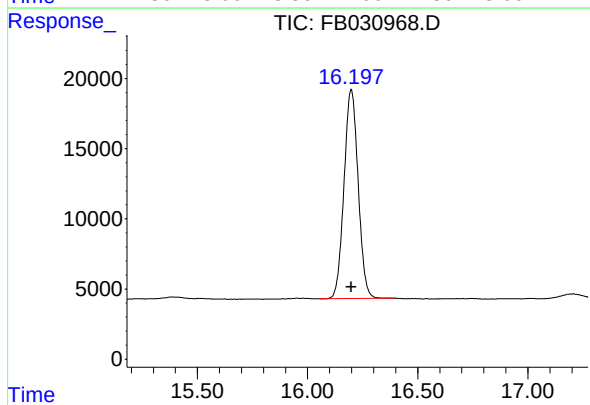
R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 974235
Conc: 18.67 ng/ml



#9 O-Xylene

R.T.: 13.923 min
Delta R.T.: 0.000 min
Response: 939607
Conc: 19.32 ng/ml

Instrument :
FID_B
ClientSampleId :
FB100424GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.199 min
Delta R.T.: 0.000 min
Response: 664963
Conc: 20.29 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB100424\
 Data File : FB030968.D
 Signal(s) : FID2B.CH
 Acq On : 4 Oct 2024 12:09
 Sample : FB100424GR0ICV
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB100424.M
 Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.728	4.601	4.890	BV	12785	925012	64.37%	11.477%
2	7.427	7.224	7.639	PV	14096	1267661	88.22%	15.729%
3	7.756	7.639	7.825	VV	6462	374766	26.08%	4.650%
4	7.898	7.825	8.130	VV	8305	482014	33.54%	5.981%
5	8.795	8.644	9.183	PV	9196	555957	38.69%	6.898%
6	10.624	10.502	11.106	VV	25953	1436974	100.00%	17.830%
7	13.061	12.935	13.121	BV	9046	438211	30.50%	5.437%
8	13.195	13.121	13.530	VV	17896	974235	67.80%	12.088%
9	13.923	13.725	14.271	BV	17283	939607	65.39%	11.659%
10	16.199	16.052	16.401	BBA	14926	664963	46.28%	8.251%

Sum of corrected areas: 8059398

FB100424.M Sat Oct 05 06:10:35 2024

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FB031011.D Analyst Name: YP/AJ Analyst Date: 10-24-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7107480	39486	45995	14.152

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FB031022.D Analyst Name: YP/AJ Analyst Date: 10-24-2024

Conc. (PPB)	Area Count	RF	Average RF	%D
180	7561703	42009	45995	8.666

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P4495

Project: NJ Soil PT

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 8.7964					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	24 Oct 2024 8:53	FB031011.D	8.789	
VBF1024S2	VBF1024S2	24 Oct 2024 10:00	FB031013.D	8.796	
BSF1024S1	BSF1024S1	24 Oct 2024 10:27	FB031014.D	8.795	
PT-GAS-SOIL	P4495-15	24 Oct 2024 12:53	FB031019.D	8.820	
BSF1024S2	BSF1024S2	24 Oct 2024 13:47	FB031021.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	24 Oct 2024 14:13	FB031022.D	8.795	