

Initial Calibration Report for SequenceID : FG031725AR

AreaCount

Parameter Range	FG015502.D	FG015503.D	FG015504.D	FG015505.D	FG015506.D	
Aromatic C10-C12	26308403.000	13646067.000	5356264.000	2672678.000	1344384.000	
Aromatic C12-C16	40492472.000	20940760.000	8286344.000	4096782.000	2047703.000	
Aromatic C16-C21	54529163.000	28172992.000	11190203.000	5588718.000	2805377.000	
Aromatic C21-C36	113166303.000	58525947.000	23420337.000	11832868.000	6011171.000	
Aromatic EPH	234496341.000	121285766.000	48253148.000	24191046.000	12208635.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	133996.317	1.316				
Aromatic C12-C16	137151.7279996	1.285				
Aromatic C16-C21	139410.441	1.278				
Aromatic C21-C36	130193.7737774	2.205				
Aromatic EPH	133824.0858888	1.549				

Concentration

Parameter Range	FG015502.D	FG015503.D	FG015504.D	FG015505.D	FG015506.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FG015502.D	FG015503.D	FG015504.D	FG015505.D	FG015506.D	
Aromatic C10-C12	131542.015000	136460.670000	133906.600000	133633.900000	134438.400000	
Aromatic C12-C16	134974.906666	139605.066666	138105.733333	136559.400000	136513.533333	
Aromatic C16-C21	136322.907500	140864.960000	139877.537500	139717.950000	140268.850000	
Aromatic C21-C36	125740.336666	130057.660000	130112.983333	131476.311111	133581.577777	
Aromatic EPH	130275.745000	134761.962222	134036.522222	134394.700000	135651.500000	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015502.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 17:32
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File: autoint1.e
 Quant Time: Mar 18 05:05:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.974	12105537	98.595 ug/ml
Spiked Amount 50.000		Recovery =	197.19%
6) S 2-Fluorobiphenyl (SURR)	8.853	8370393	99.475 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.95%#
11) S ortho-Terphenyl (SURR)	11.928	14012330	96.152 ug/ml
Spiked Amount 50.000		Recovery =	192.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.562	12840032	96.919 ug/ml
2) T Naphthalene (C11.7)	6.242	13468371	99.522 ug/ml
3) T 2-Methylnaphthalene (...)	7.345	13313235	98.974 ug/ml
5) T Acenaphthylene (C15.06)	8.653	13783047	96.780 ug/ml
7) T Acenaphthene (C15.5)	8.955	13396190	97.506 ug/ml
8) T Flouorene (C16.55)	9.747	13800957	98.061 ug/ml
9) T Phenanthrene (C19.36)	11.159	13756074	97.537 ug/ml
10) T Anthracene (C19.43)	11.237	13373083	97.491 ug/ml
12) T Fluoranthene (C21.85)	12.989	13778619	96.567 ug/ml
13) T Pyrene (C20.8)	13.289	13599049	96.746 ug/ml
14) T Benzo[a]anthracene (C...	15.175	13331057	97.429 ug/ml
15) T Chrysene (C27.41)	15.223	13202695	94.828 ug/ml
16) T benzo[b]fluoranthene ...	16.742	12963312	97.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.782	12883302	95.182 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.124	12183444	97.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.502	11677700	106.908 ug/ml
20) T Dibenz[a,h]anthracene...	18.542	11521430	88.555 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.765	11624744	97.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015502.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 17:32
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

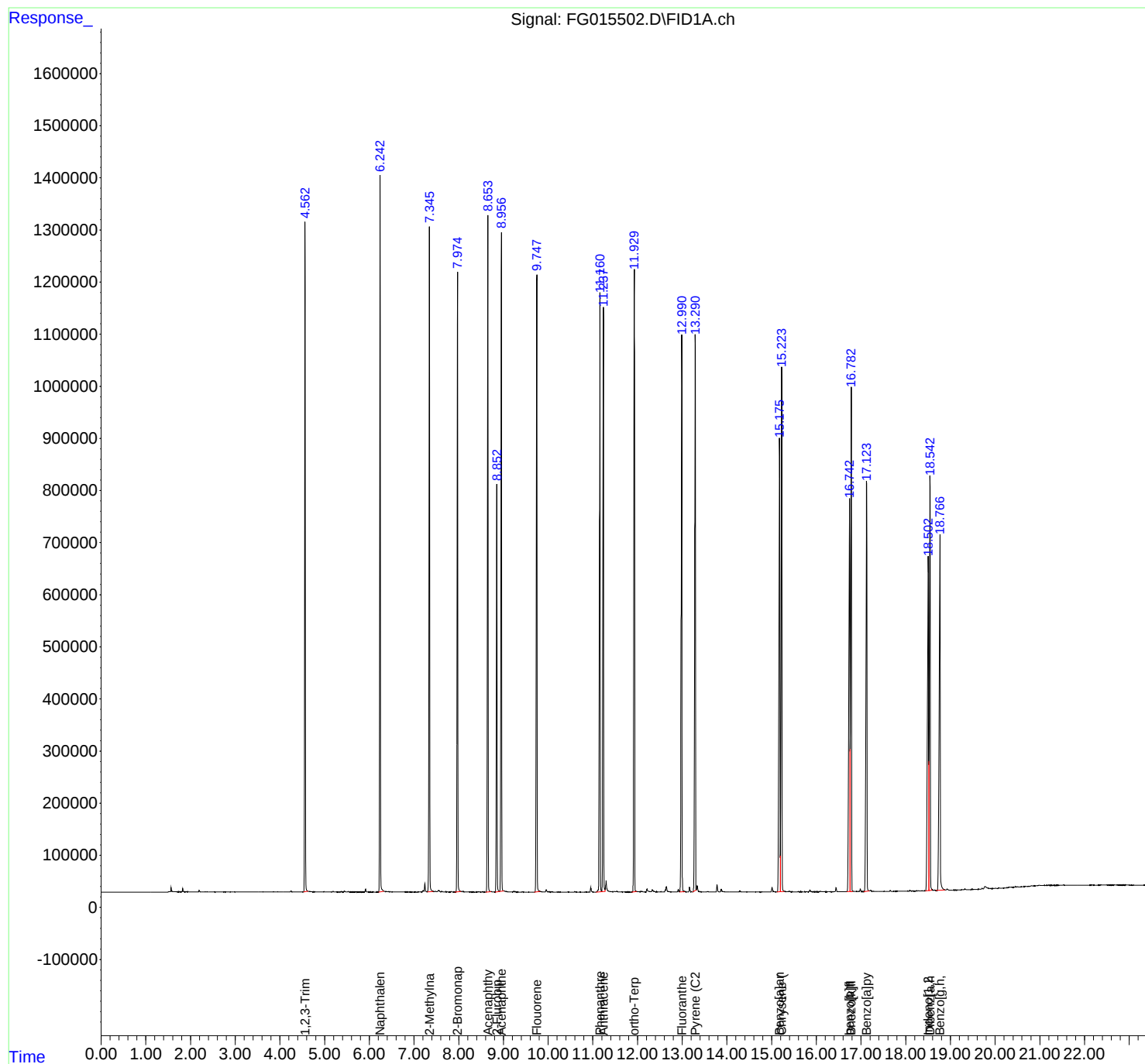
Instrument :
FID_G
ClientSampleId :
100 PPM AROMATIC HC STD1

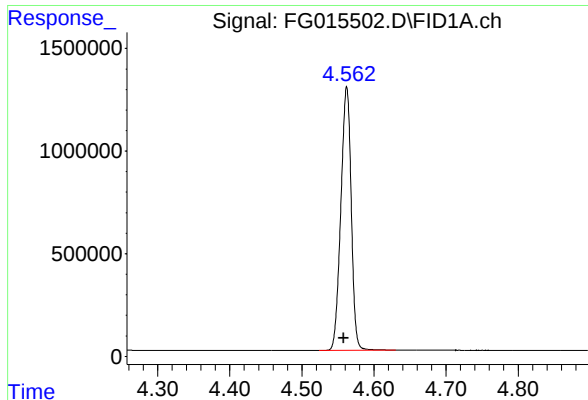
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/18/2025
Supervised By :mohammad ahmed 03/19/2025

Integration File: autoint1.e
Quant Time: Mar 18 05:05:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:03:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 12840032
Conc: 96.92 ug/ml

Instrument :

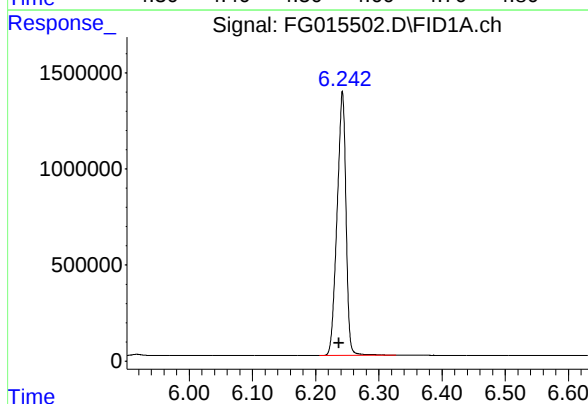
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ClientSampleId :

100 PPM AROMATIC HC STD1

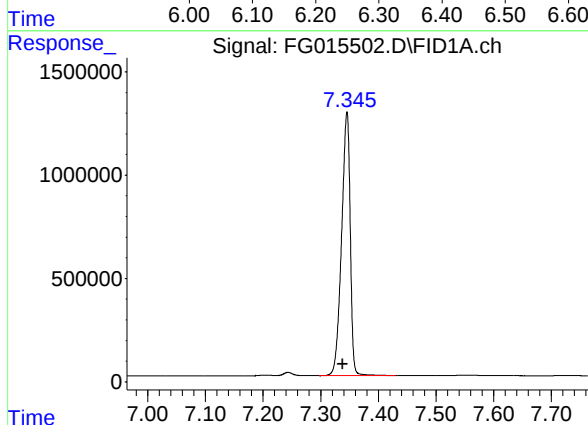
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



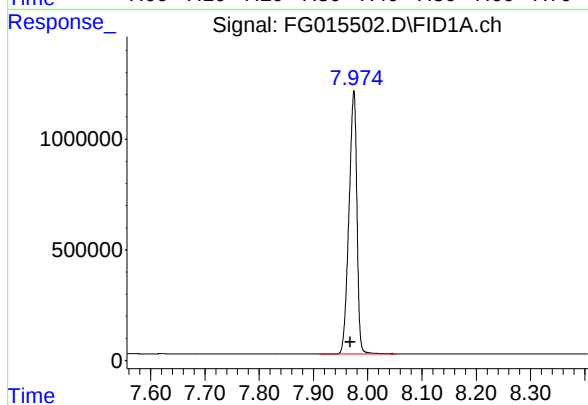
#2 Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: 0.005 min
Response: 13468371
Conc: 99.52 ug/ml



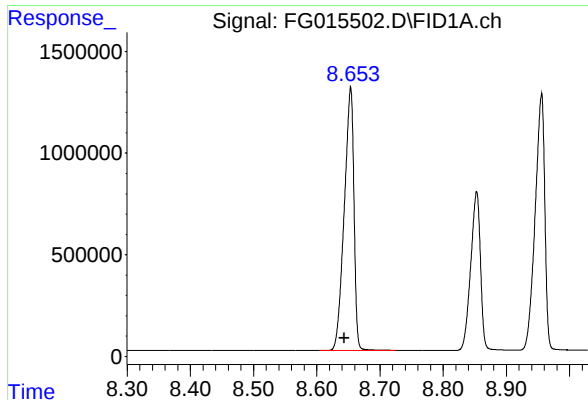
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.345 min
Delta R.T.: 0.007 min
Response: 13313235
Conc: 98.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.974 min
Delta R.T.: 0.006 min
Response: 12105537
Conc: 98.59 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.653 min
Delta R.T.: 0.009 min
Response: 13783047
Conc: 96.78 ug/ml

Instrument :

FID_G

ClientSampleId :

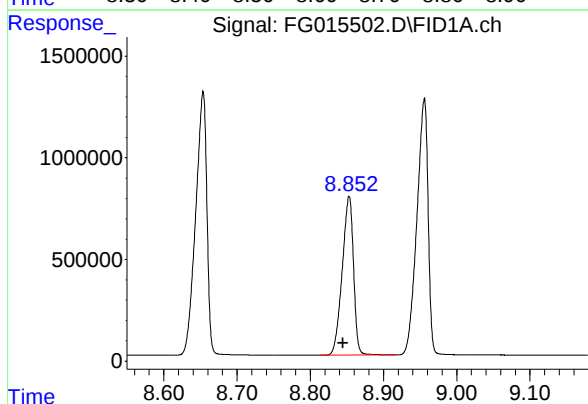
100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

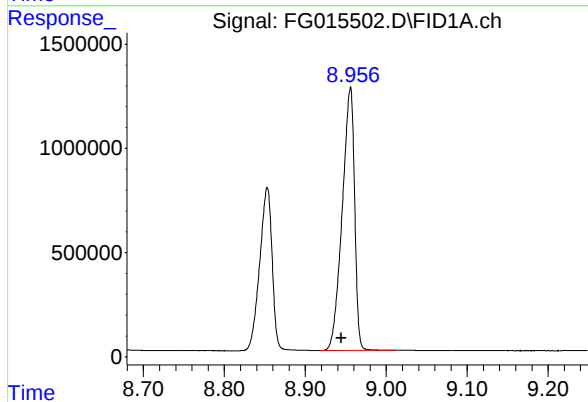
Reviewed By :Yogesh Patel 03/18/2025

Supervised By :mohammad ahmed 03/19/2025



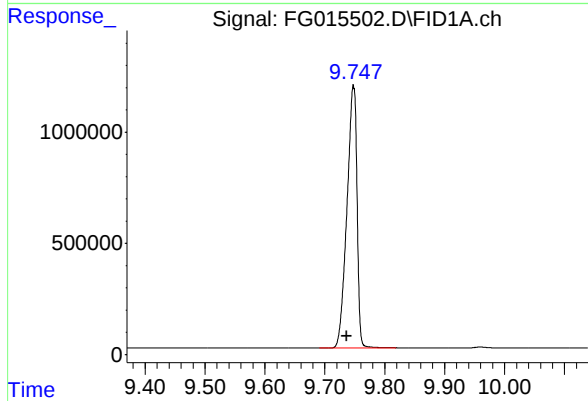
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.853 min
Delta R.T.: 0.008 min
Response: 8370393
Conc: 99.48 ug/ml



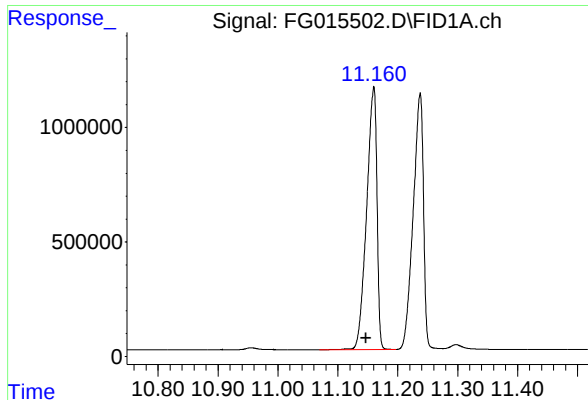
#7 Acenaphthene (C15.5)

R.T.: 8.955 min
Delta R.T.: 0.011 min
Response: 13396190
Conc: 97.51 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.747 min
Delta R.T.: 0.011 min
Response: 13800957
Conc: 98.06 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.159 min
Delta R.T.: 0.012 min
Response: 13756074
Conc: 97.54 ug/ml

Instrument :

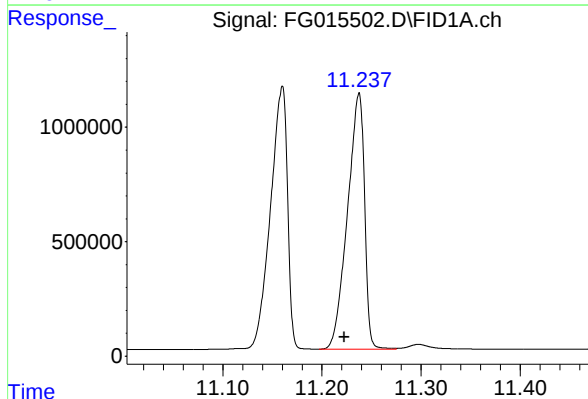
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ClientSampleId :

100 PPM AROMATIC HC STD1

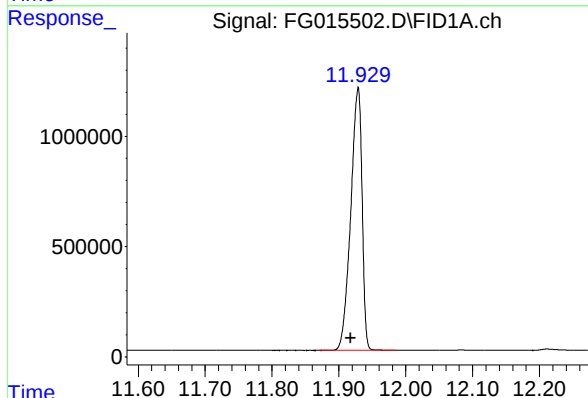
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/18/2025
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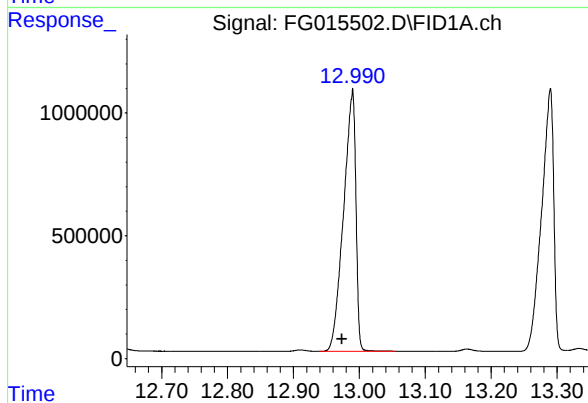
#10 Anthracene (C19.43)

R.T.: 11.237 min
Delta R.T.: 0.014 min
Response: 13373083
Conc: 97.49 ug/ml



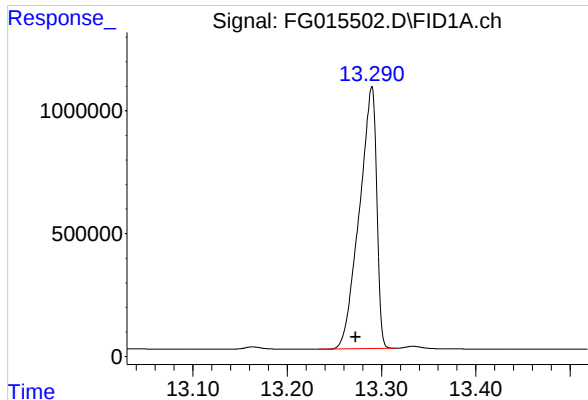
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.010 min
Response: 14012330
Conc: 96.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.015 min
Response: 13778619
Conc: 96.57 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.289 min
Delta R.T.: 0.016 min
Response: 13599049
Conc: 96.75 ug/ml

Instrument :

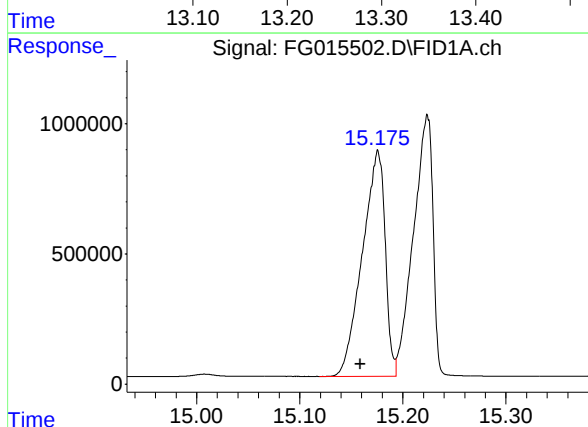
FID_G

ClientSampleId :

100 PPM AROMATIC HC STD1

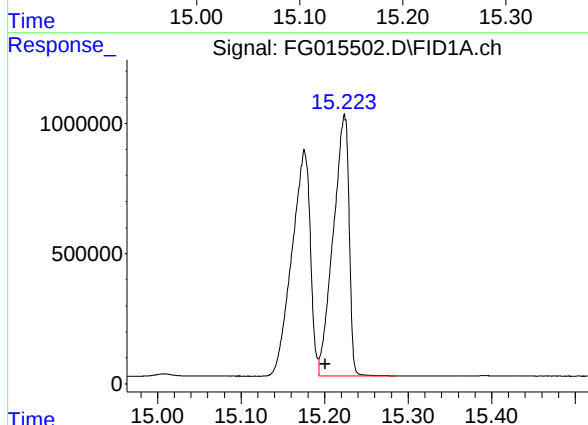
Manual Integrations
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Supervised By :mohammad ahmed 03/19/2025



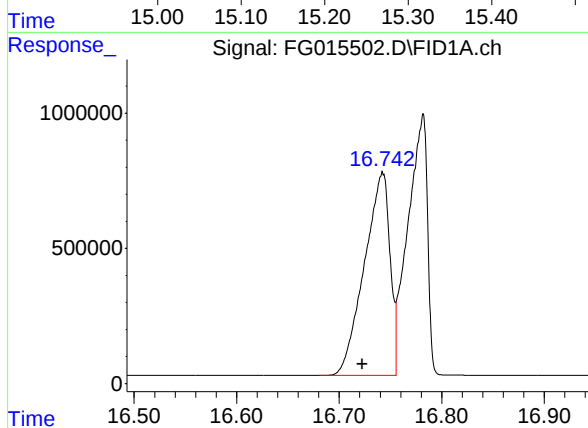
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.175 min
Delta R.T.: 0.017 min
Response: 13331057
Conc: 97.43 ug/ml



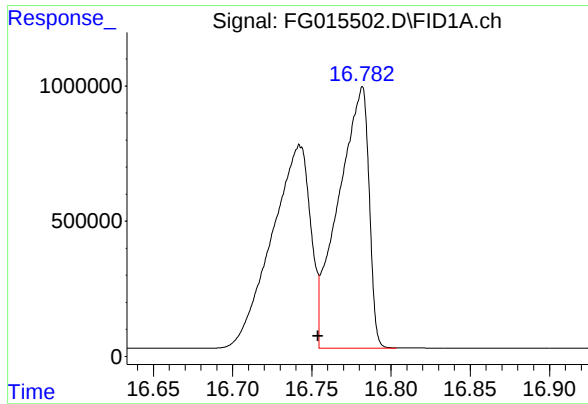
#15 Chrysene (C27.41)

R.T.: 15.223 min
Delta R.T.: 0.022 min
Response: 13202695
Conc: 94.83 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.742 min
Delta R.T.: 0.019 min
Response: 12963312
Conc: 97.26 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.782 min
Delta R.T.: 0.028 min
Response: 12883302
Conc: 95.18 ug/ml

Instrument :

FID_G

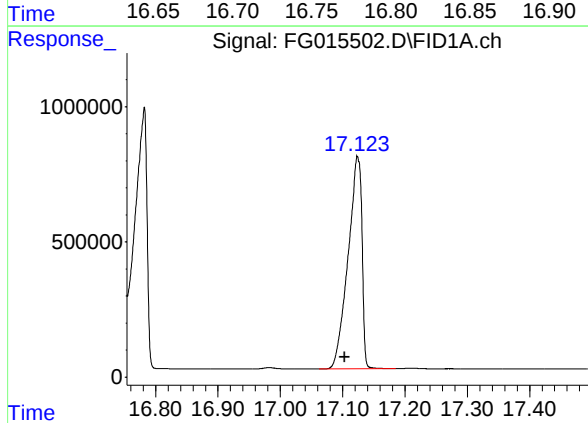
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

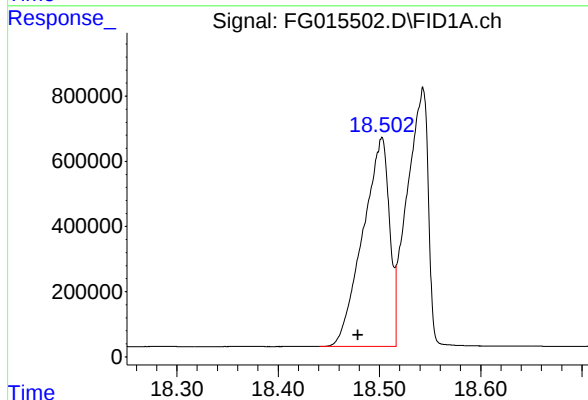
APPROVED

Reviewed By :Yogesh Patel 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



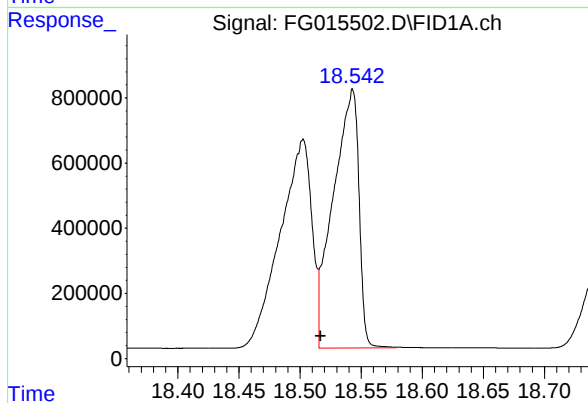
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: 0.021 min
Response: 12183444
Conc: 97.05 ug/ml



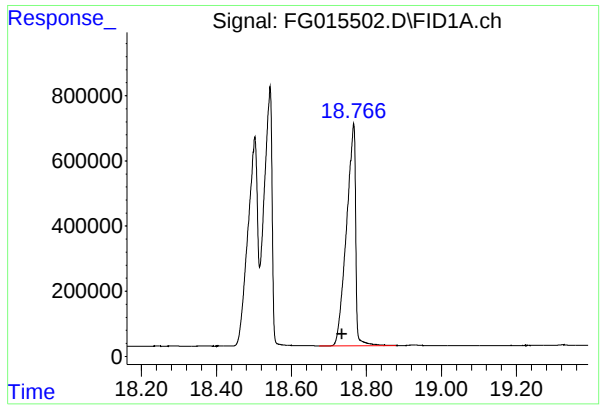
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.502 min
Delta R.T.: 0.023 min
Response: 11677700
Conc: 106.91 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.542 min
Delta R.T.: 0.026 min
Response: 11521430
Conc: 88.56 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.765 min
Delta R.T.: 0.030 min
Response: 11624744
Conc: 97.88 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

rteres

Instrument :
FID_G
LabSampleId :
100 PPM AROMATIC HC STD1
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/18/2025
Supervised By :mohammad ahmed 03/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725
Data File : FG015502.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 17:32
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.562	4.524	4.630	BB	1286868	12840032	91.63%	4.776%
2	6.242	6.205	6.327	BB	1378263	13468371	96.12%	5.010%
3	7.345	7.297	7.430	BB	1277161	13313235	95.01%	4.952%
4	7.974	7.910	8.052	BB	1183626	12105537	86.39%	4.503%
5	8.653	8.604	8.725	BB	1304910	13783047	98.36%	5.127%
6	8.853	8.812	8.917	BV	779899	8370393	59.74%	3.113%
7	8.955	8.917	9.012	PB	1257547	13396190	95.60%	4.983%
8	9.747	9.690	9.819	BB	1182719	13800957	98.49%	5.133%
9	11.159	11.069	11.197	BV	1131903	13756074	98.17%	5.117%
10	11.237	11.197	11.275	VV	1118319	13373083	95.44%	4.974%
11	11.928	11.870	11.985	BB	1195352	14012330	100.00%	5.212%
12	12.989	12.939	13.055	BB	1040082	13778619	98.33%	5.125%
13	13.289	13.234	13.315	BV	1061802	13599049	97.05%	5.058%
14	15.175	15.119	15.193	BV	870623	13331057	95.14%	4.959%
15	15.223	15.193	15.285	VB	1006887	13202695	94.22%	4.911%
16	16.742	16.680	16.755	BV	752513	12963312	92.51%	4.822%
17	16.780	16.755	16.825	VB	940291	12801086	91.36%	4.761%
18	17.124	17.062	17.185	BB	785544	12183444	86.95%	4.532%
19	18.502	18.440	18.516	BV	640919	11677700	83.34%	4.344%
20	18.542	18.516	18.605	VB	786324	11471033	81.86%	4.267%
21	18.765	18.674	18.879	BB	682159	11624744	82.96%	4.324%
Sum of corrected areas:						268851988		

Aromatic EPH 031725.M Tue Mar 18 05:30:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015503.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 18:01
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 18 05:05:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.970	6252076	50.921 ug/ml
Spiked Amount 50.000		Recovery =	101.84%
6) S 2-Fluorobiphenyl (SURR)	8.848	4317875	51.314 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.63%
11) S ortho-Terphenyl (SURR)	11.922	7266771	49.864 ug/ml
Spiked Amount 50.000		Recovery =	99.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	6683567	50.449 ug/ml
2) T Naphthalene (C11.7)	6.238	6962500	51.448 ug/ml
3) T 2-Methylnaphthalene (...)	7.341	6863854	51.028 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7140045	50.135 ug/ml
7) T Acenaphthene (C15.5)	8.948	6936861	50.491 ug/ml
8) T Fluorene (C16.55)	9.741	7121120	50.598 ug/ml
9) T Phenanthrene (C19.36)	11.152	7081296	50.210 ug/ml
10) T Anthracene (C19.43)	11.228	6911119	50.382 ug/ml
12) T Fluoranthene (C21.85)	12.980	7142483	50.058 ug/ml
13) T Pyrene (C20.8)	13.279	7059457	50.222 ug/ml
14) T Benzo[a]anthracene (C...	15.167	6915741	50.543 ug/ml
15) T Chrysene (C27.41)	15.211	6897314	49.540 ug/ml
16) T benzo[b]fluoranthene ...	16.730	6698936	50.261 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	6683367	49.377 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	6306419	50.235 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.488	5779285	52.909 ug/ml
20) T Dibenz[a,h]anthracene...	18.527	6138030	47.178 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	5964372	50.220 ug/ml

(f)=RT Delta > 1/2 Window

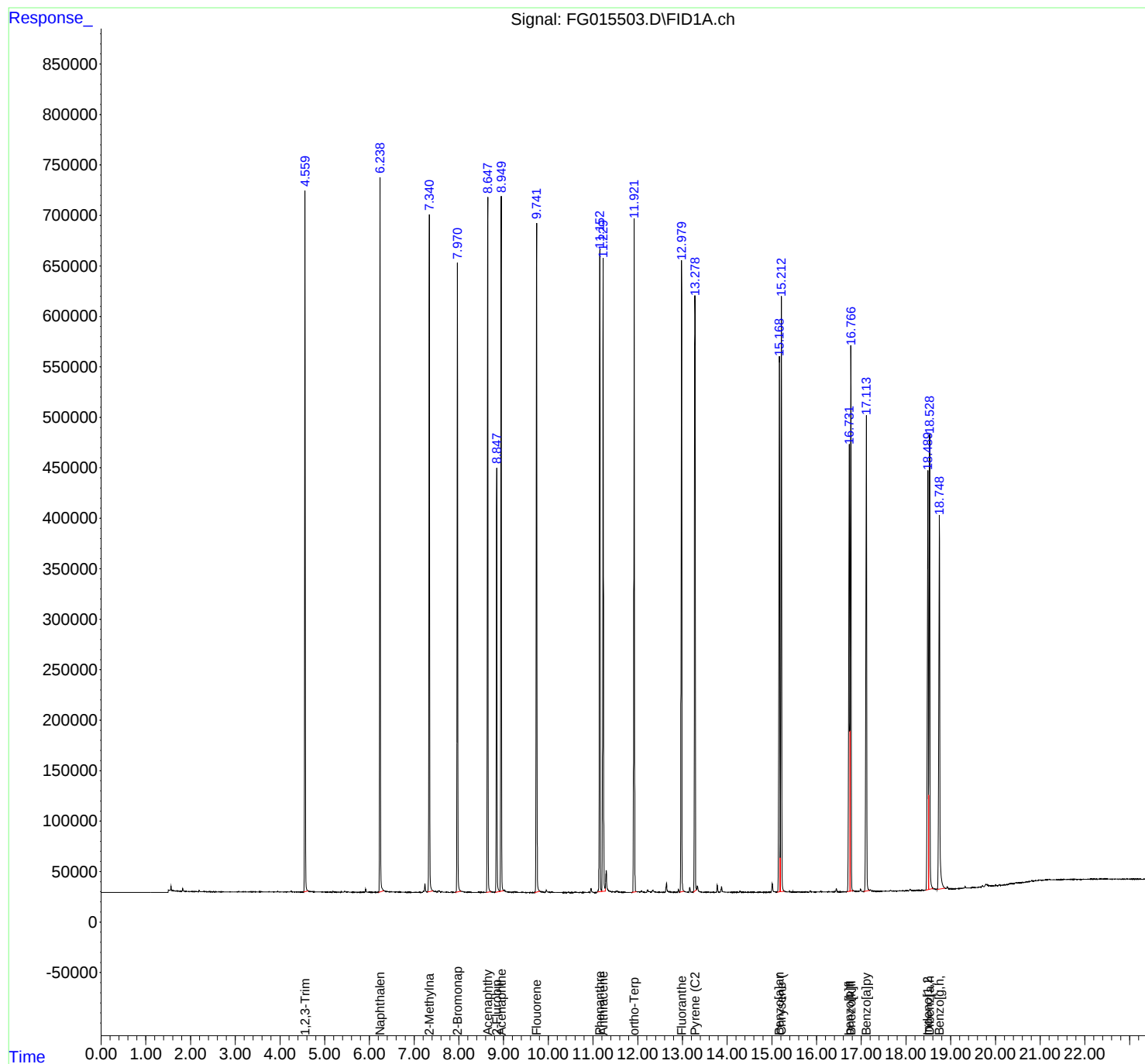
(m)=manual int.

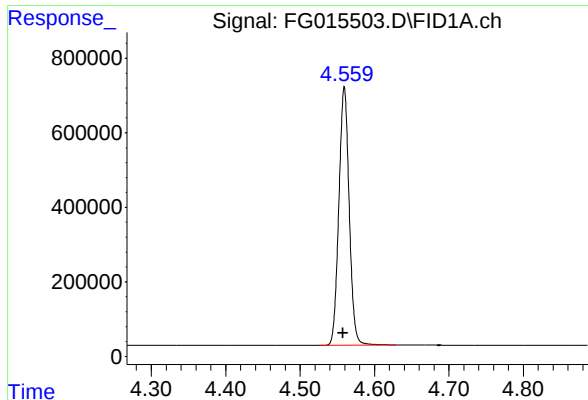
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015503.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 18:01
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 18 05:05:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:03:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

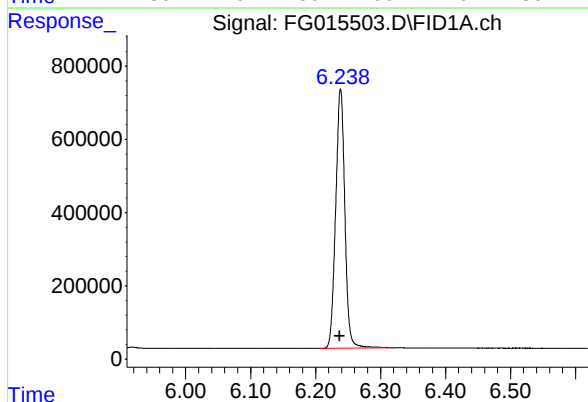




#1 1,2,3-Trimethylbenzene (C10.1)

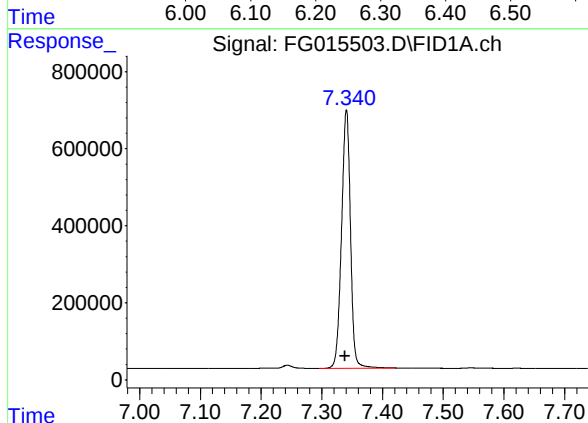
R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 6683567
Conc: 50.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



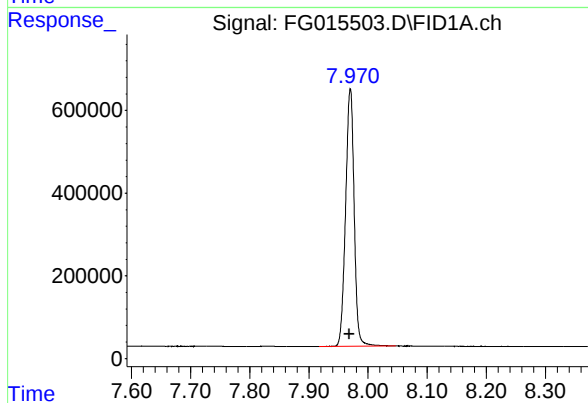
#2 Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 6962500
Conc: 51.45 ug/ml



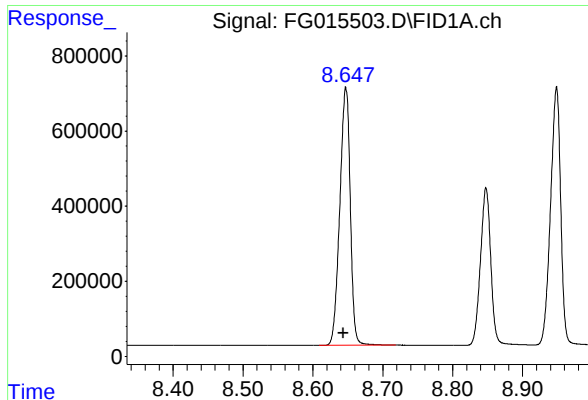
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.341 min
Delta R.T.: 0.002 min
Response: 6863854
Conc: 51.03 ug/ml



#4 2-Bromonaphthalene (SURR)

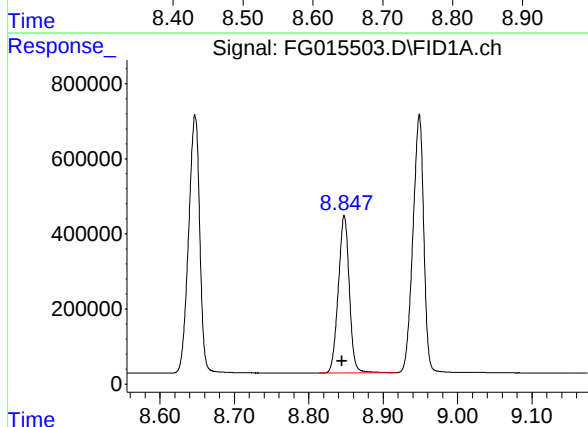
R.T.: 7.970 min
Delta R.T.: 0.002 min
Response: 6252076
Conc: 50.92 ug/ml



#5 Acenaphthylene (C15.06)

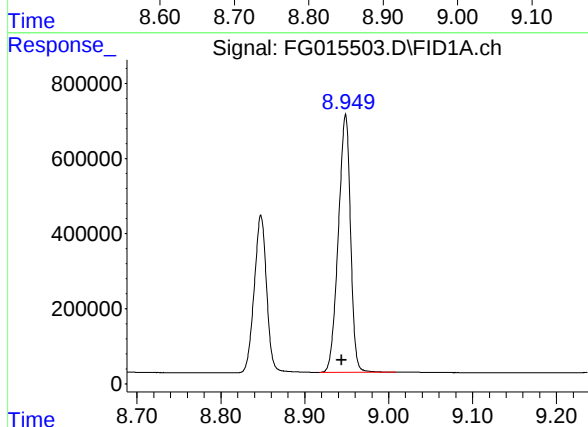
R.T.: 8.647 min
Delta R.T.: 0.003 min
Response: 7140045
Conc: 50.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



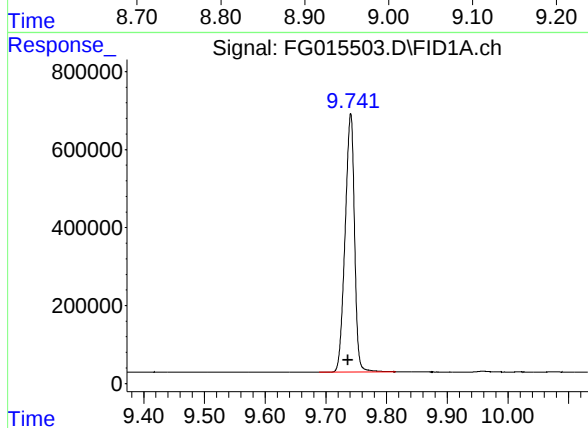
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.848 min
Delta R.T.: 0.003 min
Response: 4317875
Conc: 51.31 ug/ml



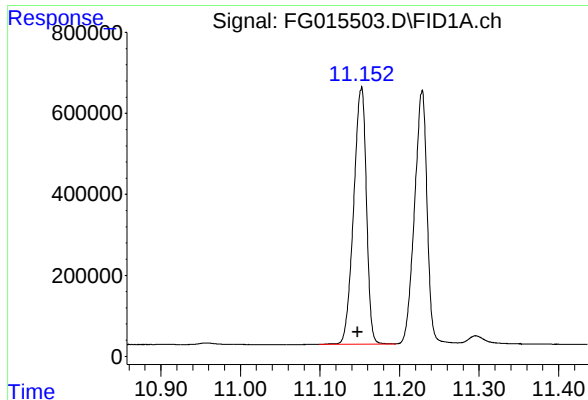
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: 0.004 min
Response: 6936861
Conc: 50.49 ug/ml



#8 Fluorene (C16.55)

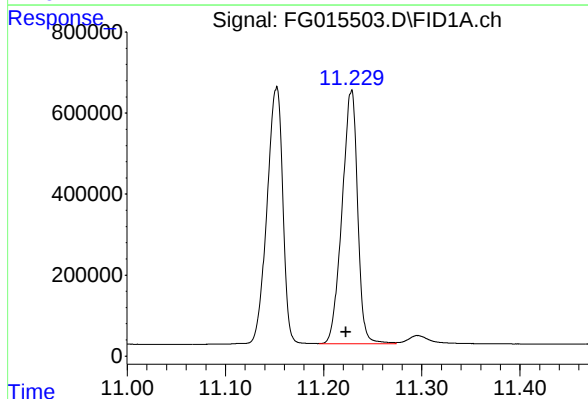
R.T.: 9.741 min
Delta R.T.: 0.004 min
Response: 7121120
Conc: 50.60 ug/ml



#9 Phenanthrene (C19.36)

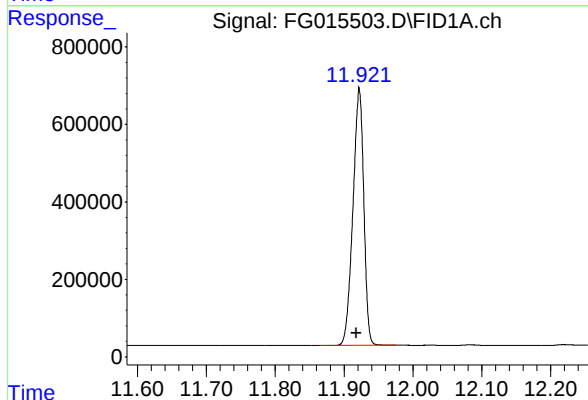
R.T.: 11.152 min
Delta R.T.: 0.004 min
Response: 7081296
Conc: 50.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



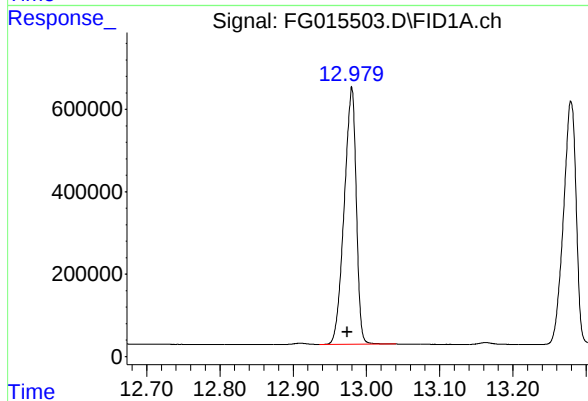
#10 Anthracene (C19.43)

R.T.: 11.228 min
Delta R.T.: 0.005 min
Response: 6911119
Conc: 50.38 ug/ml



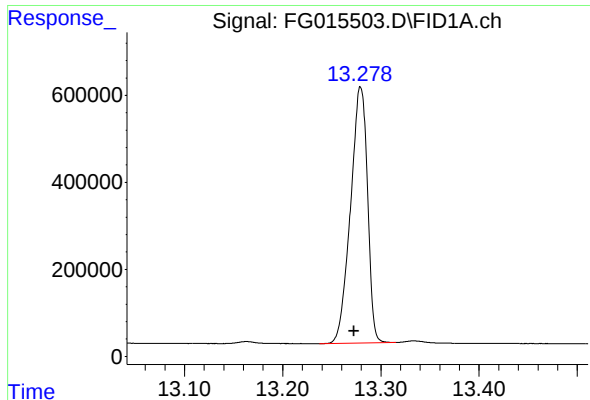
#11 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.004 min
Response: 7266771
Conc: 49.86 ug/ml



#12 Fluoranthene (C21.85)

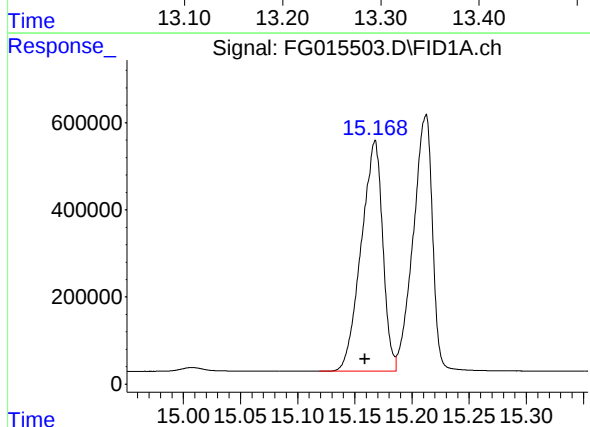
R.T.: 12.980 min
Delta R.T.: 0.006 min
Response: 7142483
Conc: 50.06 ug/ml



#13 Pyrene (C20.8)

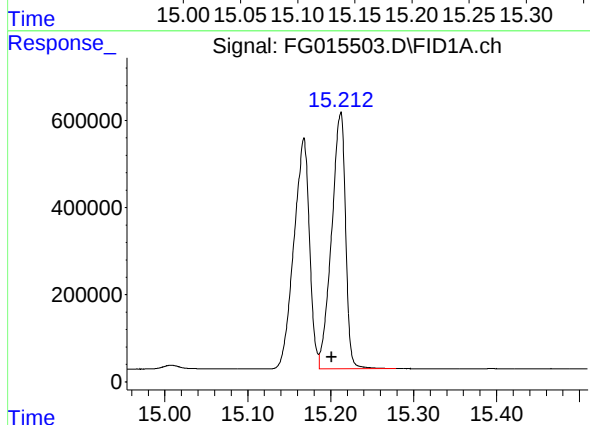
R.T.: 13.279 min
Delta R.T.: 0.007 min
Response: 7059457
Conc: 50.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



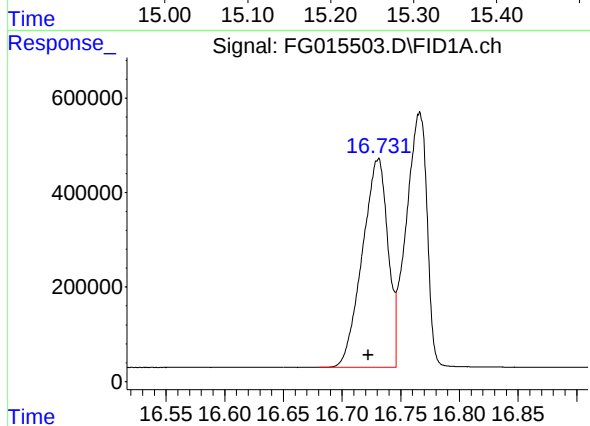
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min
Delta R.T.: 0.008 min
Response: 6915741
Conc: 50.54 ug/ml



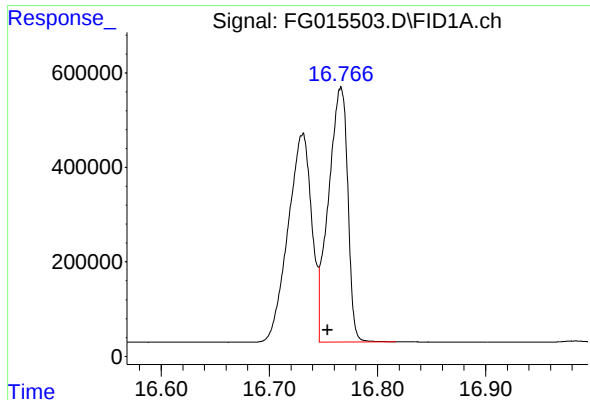
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.010 min
Response: 6897314
Conc: 49.54 ug/ml



#16 benzo[b]fluoranthene (C30.41)

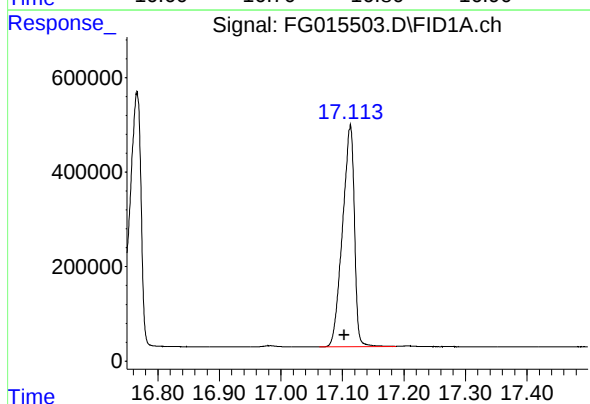
R.T.: 16.730 min
Delta R.T.: 0.008 min
Response: 6698936
Conc: 50.26 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

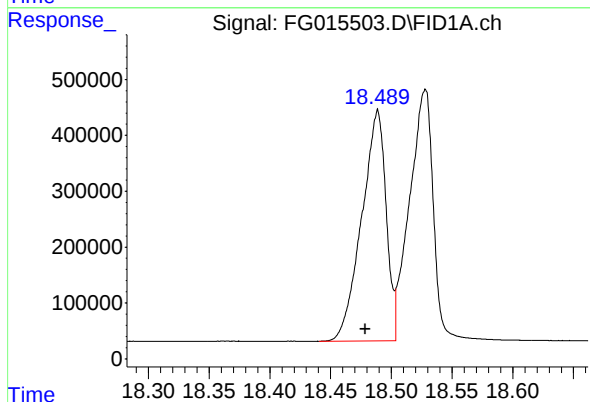
R.T.: 16.766 min
Delta R.T.: 0.012 min
Response: 6683367
Conc: 49.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



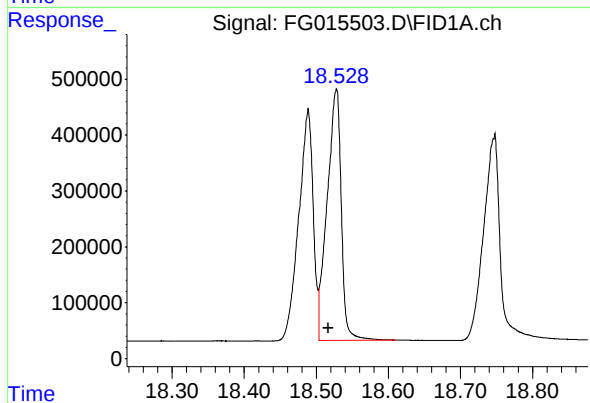
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.009 min
Response: 6306419
Conc: 50.24 ug/ml



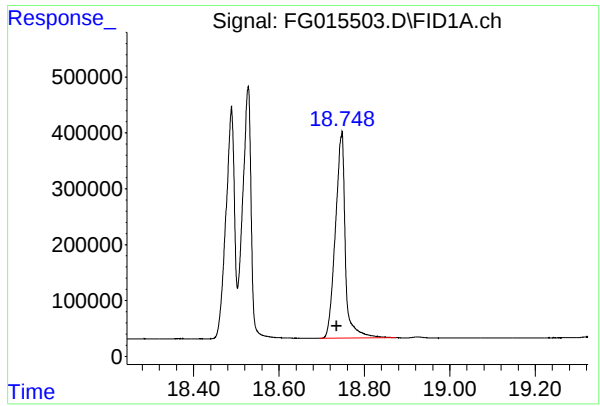
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.488 min
Delta R.T.: 0.009 min
Response: 5779285
Conc: 52.91 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.527 min
Delta R.T.: 0.010 min
Response: 6138030
Conc: 47.18 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.746 min
Delta R.T.: 0.011 min
Response: 5964372
Conc: 50.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015503.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 18:01
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.559	4.525	4.629	BB	692822	6683567	91.97%	4.804%
2	6.238	6.205	6.324	BB	708190	6962500	95.81%	5.005%
3	7.341	7.295	7.422	BB	672363	6863854	94.46%	4.934%
4	7.970	7.917	8.047	BB	624900	6252076	86.04%	4.494%
5	8.647	8.609	8.719	BB	689280	7140045	98.26%	5.132%
6	8.848	8.814	8.917	BV	420066	4317875	59.42%	3.104%
7	8.948	8.917	9.009	VB	690305	6936861	95.46%	4.986%
8	9.741	9.689	9.815	BB	662648	7121120	98.00%	5.119%
9	11.152	11.099	11.195	BV	633365	7081296	97.45%	5.090%
10	11.228	11.195	11.274	VV	628844	6911119	95.11%	4.968%
11	11.922	11.864	11.975	BB	666154	7266771	100.00%	5.223%
12	12.980	12.935	13.040	BB	628105	7142483	98.29%	5.134%
13	13.279	13.237	13.315	BV	589874	7059457	97.15%	5.074%
14	15.167	15.119	15.186	BV	527322	6915741	95.17%	4.971%
15	15.211	15.186	15.279	VB	588643	6897314	94.92%	4.958%
16	16.730	16.680	16.746	BV	438494	6698936	92.19%	4.815%
17	16.766	16.746	16.817	VB	537696	6683367	91.97%	4.804%
18	17.112	17.062	17.187	BB	464825	6306419	86.78%	4.533%
19	18.488	18.440	18.504	BV	414630	5779285	79.53%	4.154%
20	18.527	18.504	18.610	VB	448284	6138030	84.47%	4.412%
21	18.746	18.694	18.874	BB	362001	5964372	82.08%	4.287%
Sum of corrected areas:						139122488		

Aromatic EPH 031725.M Tue Mar 18 05:30:44 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015504.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 18:31
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 18 05:03:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.968	2455614	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.845	1682913	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.918	2914634	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	2649640	20.000 ug/ml
2) T Naphthalene (C11.7)	6.237	2706624	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	2690250	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.644	2848336	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.944	2747758	20.000 ug/ml
8) T Fluorene (C16.55)	9.736	2814760	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.147	2820694	20.000 ug/ml
10) T Anthracene (C19.43)	11.223	2743461	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.974	2853693	20.000 ug/ml
13) T Pyrene (C20.8)	13.273	2811288	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2736578	20.000 ug/ml
15) T Chrysene (C27.41)	15.201	2784558	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.723	2665661	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2707094	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2510749	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.479	2184625	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.517	2602093	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.735	2375286	20.000 ug/ml

(f)=RT Delta > 1/2 Window

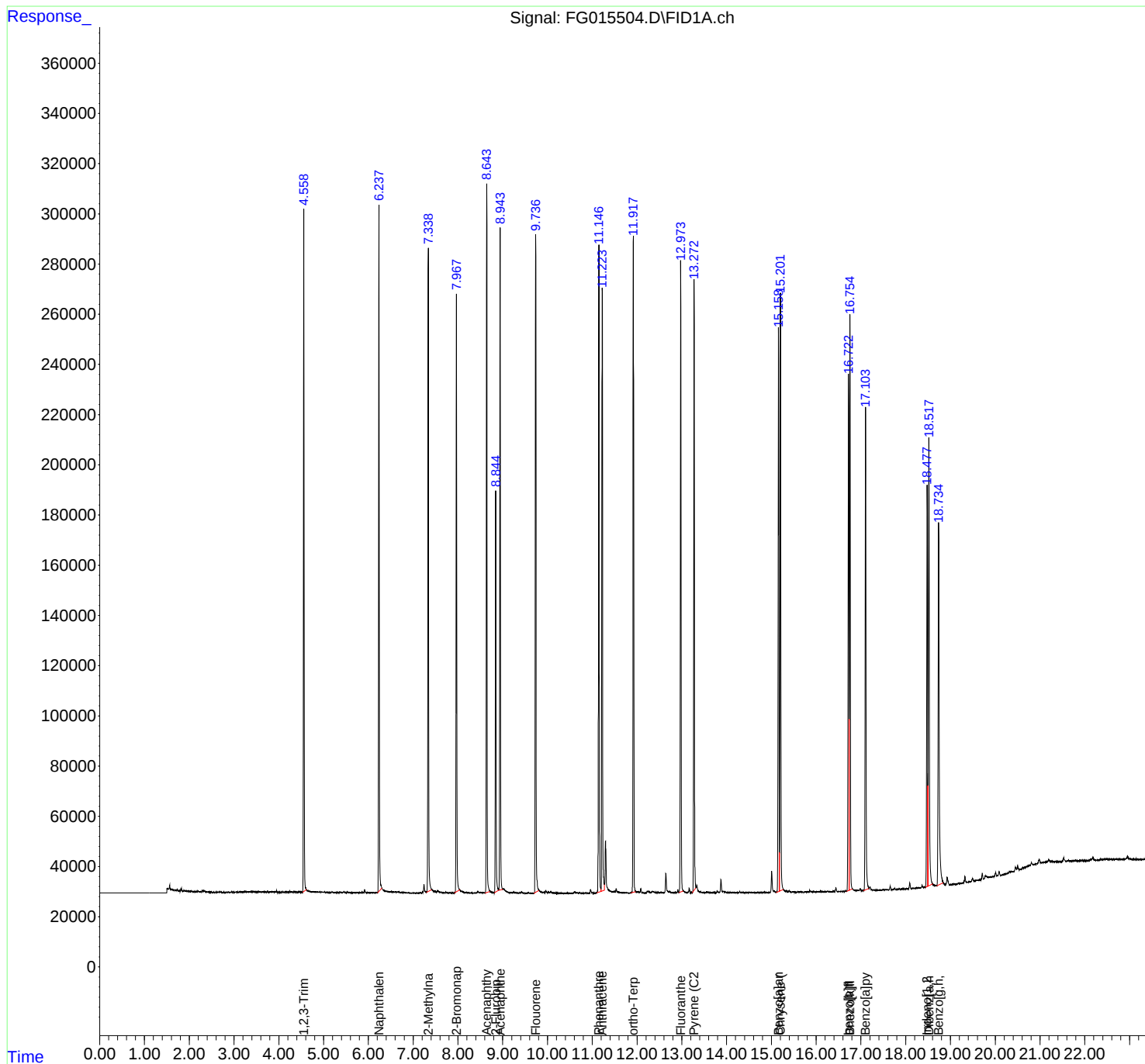
(m)=manual int.

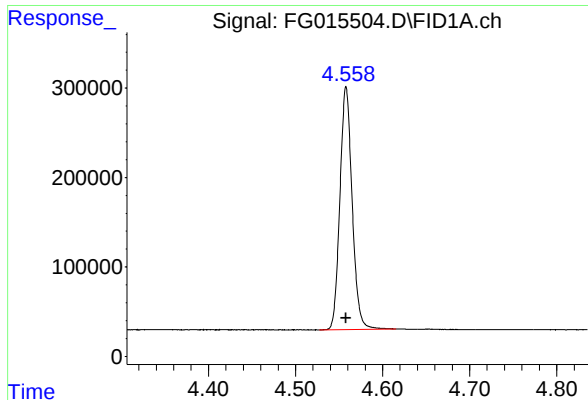
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015504.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 18:31
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 18 05:03:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:03:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

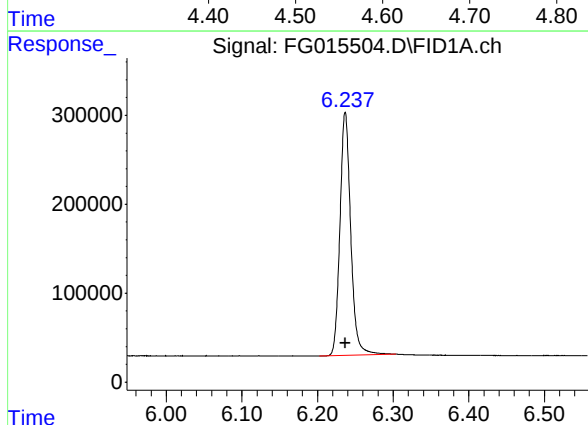




#1 1,2,3-Trimethylbenzene (C10.1)

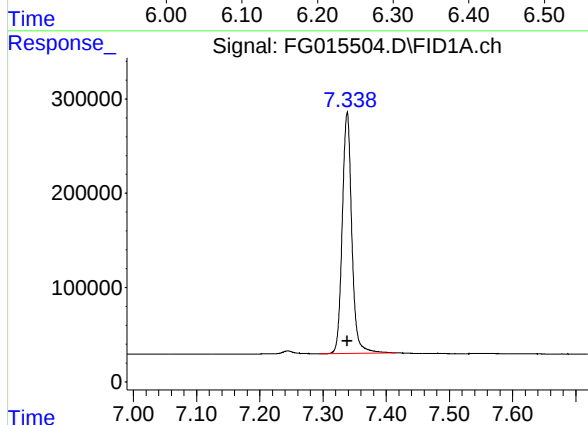
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 2649640
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



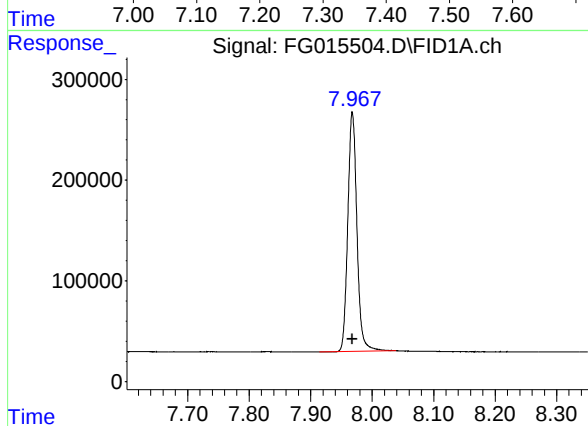
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2706624
Conc: 20.00 ug/ml



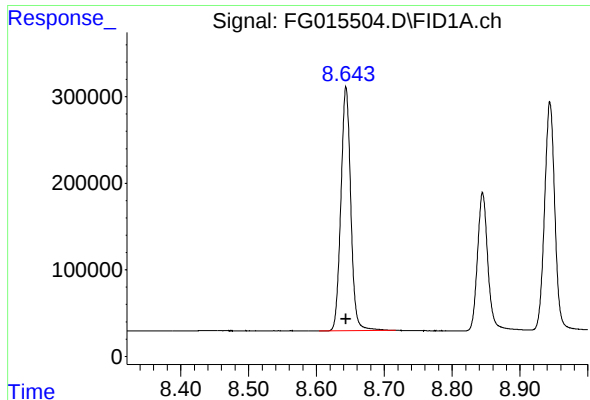
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 2690250
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

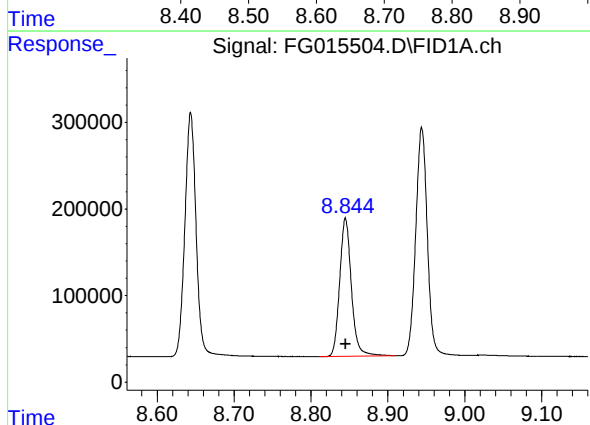
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 2455614
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

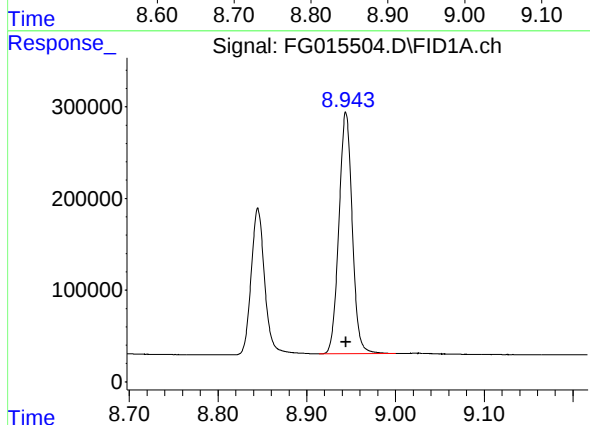
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 2848336
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



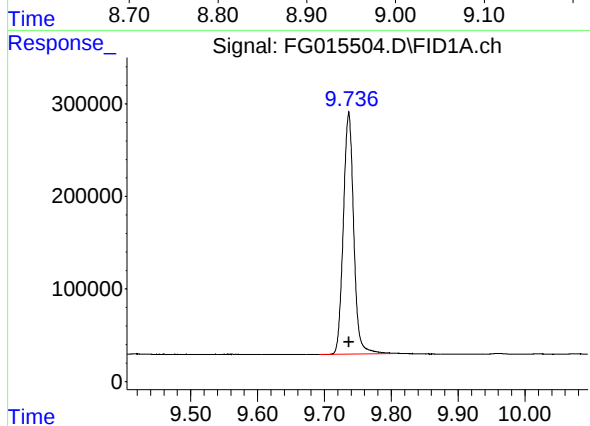
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1682913
Conc: 20.00 ug/ml



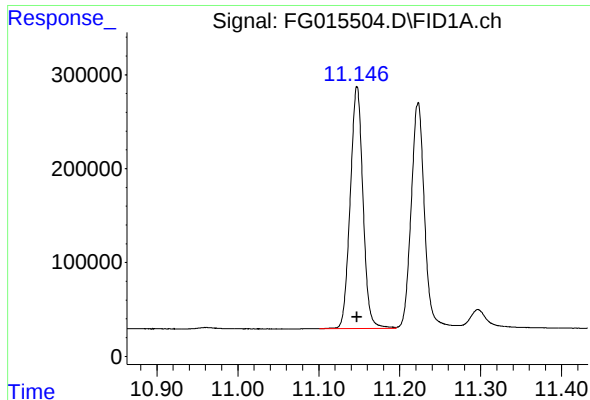
#7 Acenaphthene (C15.5)

R.T.: 8.944 min
Delta R.T.: 0.000 min
Response: 2747758
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

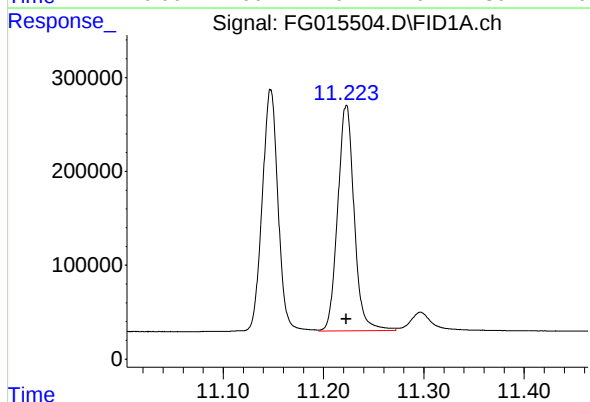
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2814760
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

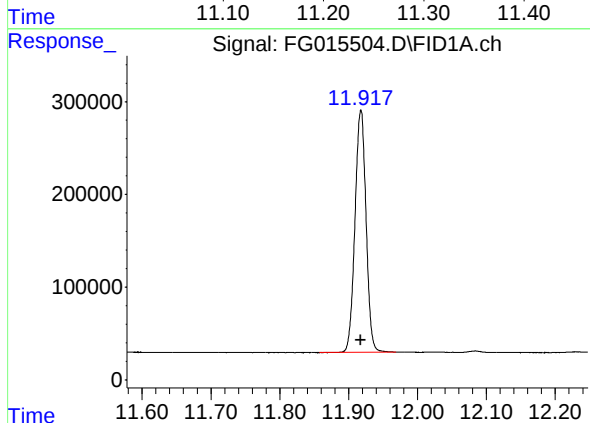
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 2820694
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



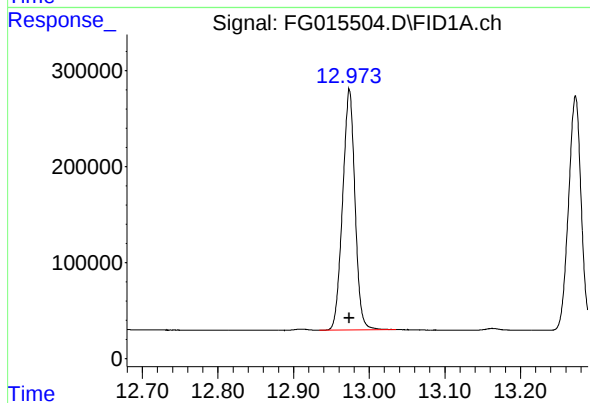
#10 Anthracene (C19.43)

R.T.: 11.223 min
Delta R.T.: 0.000 min
Response: 2743461
Conc: 20.00 ug/ml



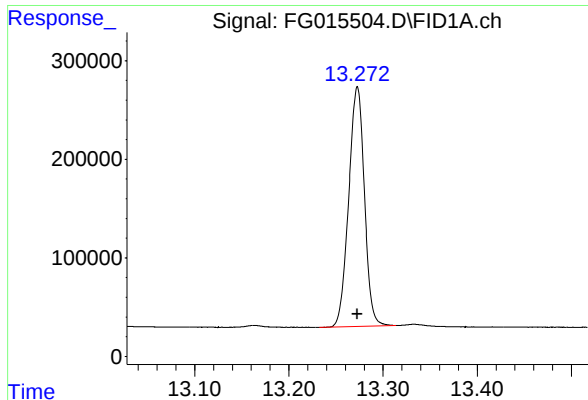
#11 ortho-Terphenyl (SURRE)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2914634
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

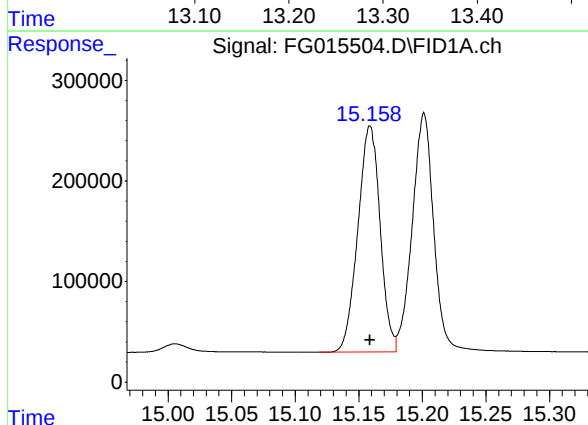
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2853693
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

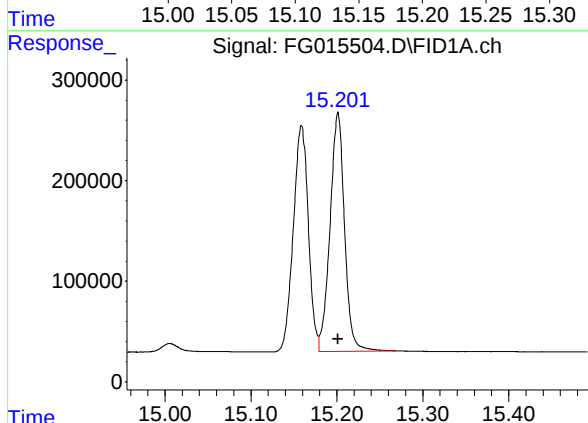
R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 2811288
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



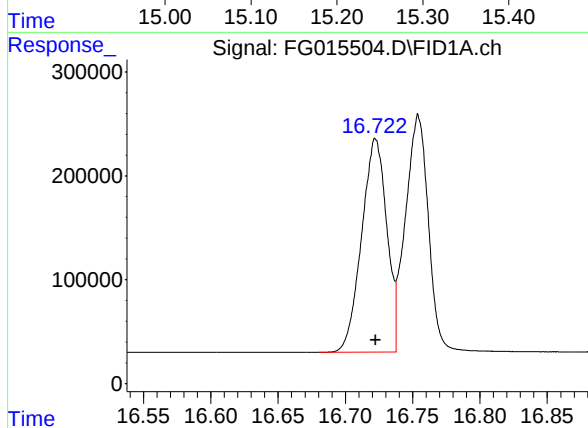
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2736578
Conc: 20.00 ug/ml



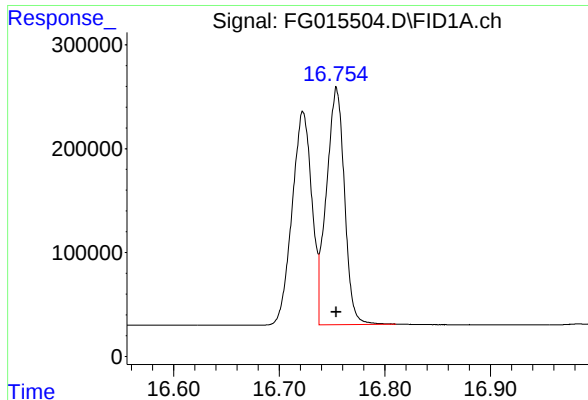
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2784558
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

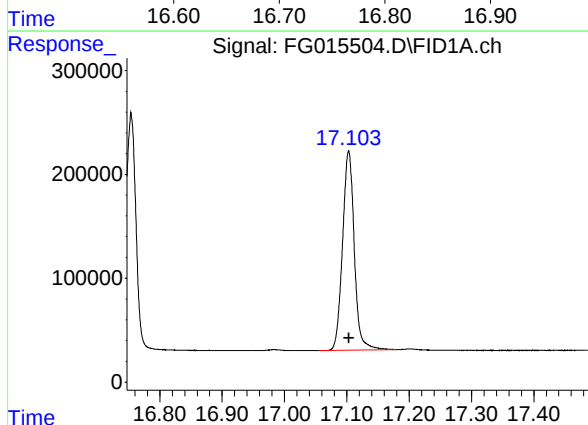
R.T.: 16.723 min
Delta R.T.: 0.000 min
Response: 2665661
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

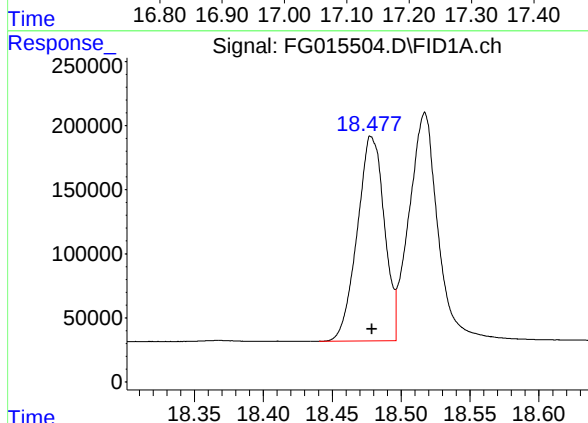
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2707094
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



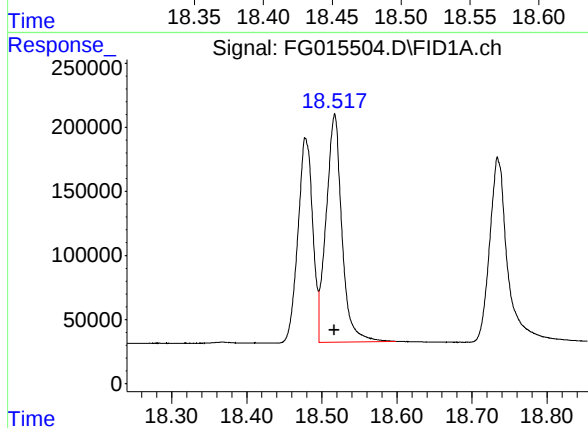
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2510749
Conc: 20.00 ug/ml



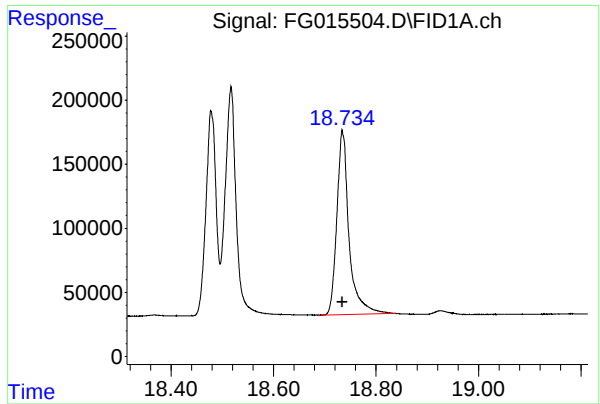
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.479 min
Delta R.T.: 0.000 min
Response: 2184625
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 2602093
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.735 min
Delta R.T.: 0.000 min
Response: 2375286
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015504.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 18:31
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.558	4.527	4.615	BB	270795	2649640	90.91%	4.791%
2	6.237	6.202	6.304	BB	273431	2706624	92.86%	4.894%
3	7.338	7.294	7.415	BB	257073	2690250	92.30%	4.864%
4	7.968	7.914	8.039	BB	236187	2455614	84.25%	4.440%
5	8.644	8.604	8.717	BB	281948	2848336	97.73%	5.150%
6	8.845	8.810	8.910	BB	159077	1682913	57.74%	3.043%
7	8.944	8.914	9.000	BB	263930	2747758	94.27%	4.968%
8	9.736	9.692	9.807	BB	262549	2814760	96.57%	5.089%
9	11.147	11.100	11.195	BV	258221	2820694	96.78%	5.100%
10	11.223	11.195	11.272	VV	239218	2743461	94.13%	4.960%
11	11.918	11.857	11.969	BB	260724	2914634	100.00%	5.270%
12	12.974	12.934	13.035	BB	251279	2853693	97.91%	5.160%
13	13.273	13.232	13.314	BV	243197	2811288	96.45%	5.083%
14	15.159	15.119	15.179	BV	224920	2736578	93.89%	4.948%
15	15.201	15.179	15.269	VB	236965	2784558	95.54%	5.035%
16	16.723	16.680	16.738	BV	205704	2665661	91.46%	4.820%
17	16.754	16.738	16.810	VB	228323	2707094	92.88%	4.895%
18	17.103	17.055	17.179	BB	192017	2510749	86.14%	4.540%
19	18.479	18.440	18.496	BV	158722	2184625	74.95%	3.950%
20	18.517	18.496	18.599	VB	178251	2602093	89.28%	4.705%
21	18.735	18.689	18.839	BB	141162	2375286	81.50%	4.295%
Sum of corrected areas:							55306307	

Aromatic EPH 031725.M Tue Mar 18 05:31:03 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015505.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 19:00
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 18 05:05:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.968	1213703	9.885 ug/ml
Spiked Amount 50.000		Recovery =	19.77%
6) S 2-Fluorobiphenyl (SURR)	8.846	814531	9.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.918	1473663	10.112 ug/ml
Spiked Amount 50.000		Recovery =	20.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	1335509	10.081 ug/ml
2) T Naphthalene (C11.7)	6.237	1337169	9.881 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	1317757	9.797 ug/ml
5) T Acenaphthylene (C15.06)	8.643	1411336	9.910 ug/ml
7) T Acenaphthene (C15.5)	8.943	1367689	9.955 ug/ml
8) T Fluorene (C16.55)	9.736	1396110	9.920 ug/ml
9) T Phenanthrene (C19.36)	11.146	1410660	10.002 ug/ml
10) T Anthracene (C19.43)	11.222	1372213	10.004 ug/ml
12) T Fluoranthene (C21.85)	12.973	1437068	10.072 ug/ml
13) T Pyrene (C20.8)	13.271	1409735	10.029 ug/ml
14) T Benzo[a]anthracene (C...	15.156	1355370	9.906 ug/ml
15) T Chrysene (C27.41)	15.198	1434548	10.304 ug/ml
16) T benzo[b]fluoranthene ...	16.718	1325261	9.943 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	1394802	10.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	1260891	10.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.476	1079071	9.879 ug/ml
20) T Dibenz[a,h]anthracene...	18.515	1343184	10.324 ug/ml
21) T Benzo[g,h,i]perylene ...	18.731	1202673	10.127 ug/ml

(f)=RT Delta > 1/2 Window

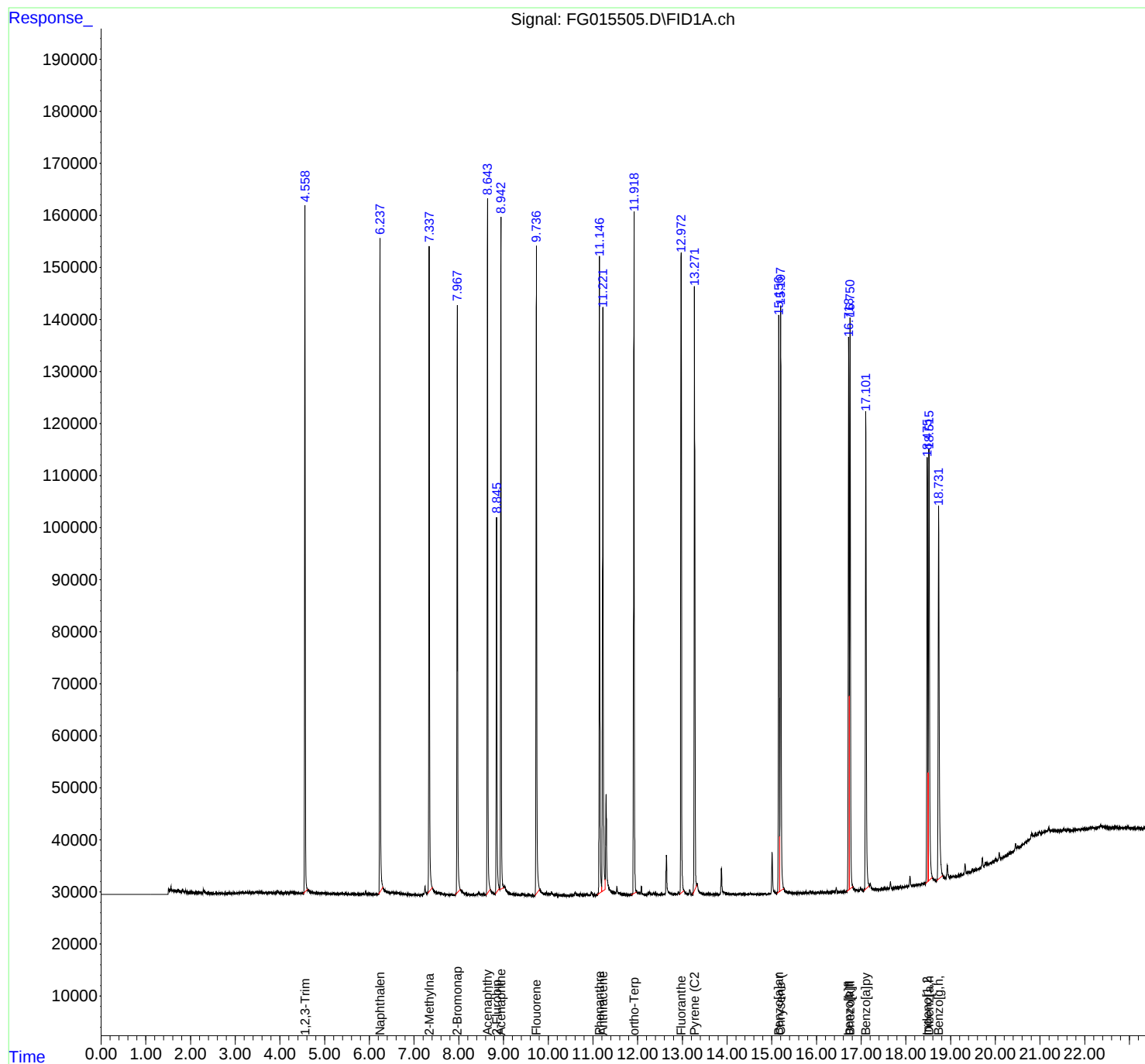
(m)=manual int.

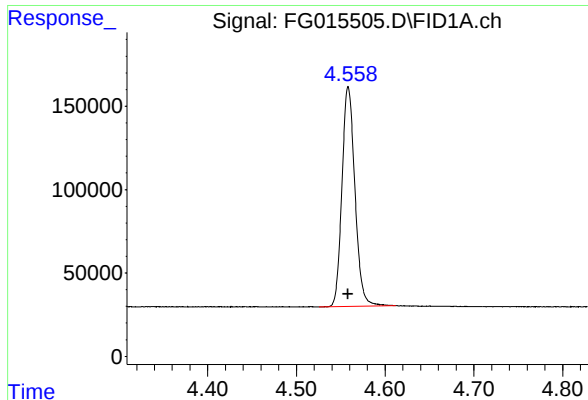
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015505.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 19:00
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 18 05:05:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:03:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

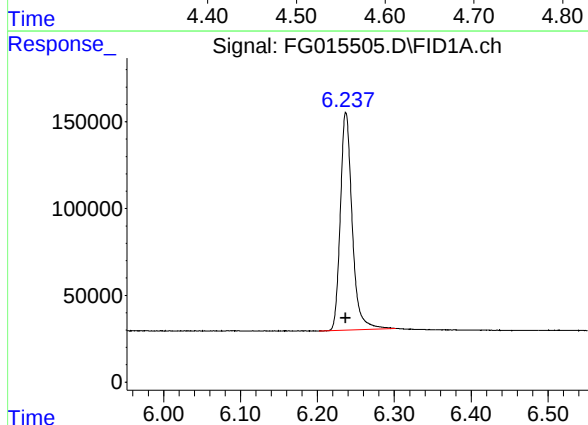




#1 1,2,3-Trimethylbenzene (C10.1)

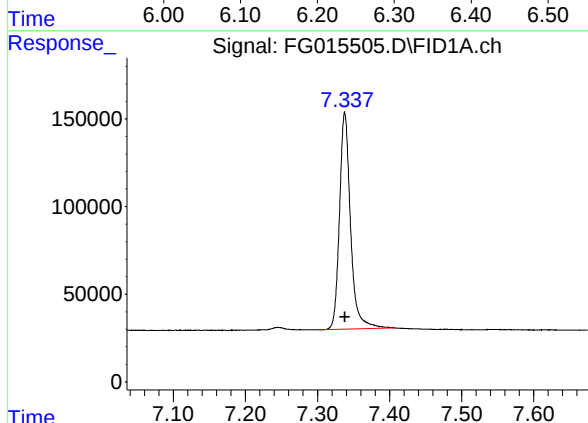
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 1335509
Conc: 10.08 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



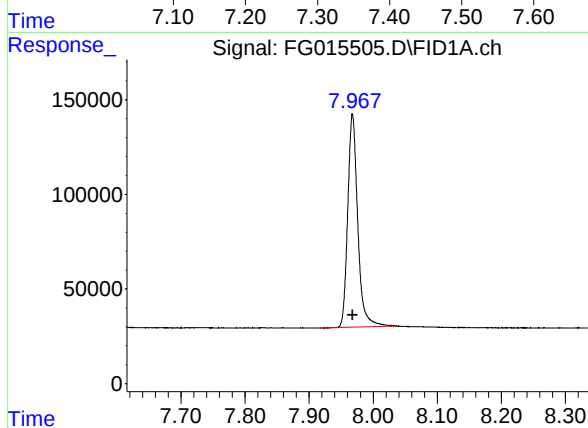
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 1337169
Conc: 9.88 ug/ml



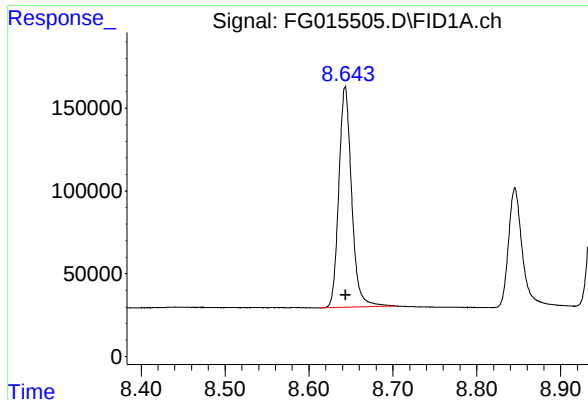
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 1317757
Conc: 9.80 ug/ml



#4 2-Bromonaphthalene (SURR)

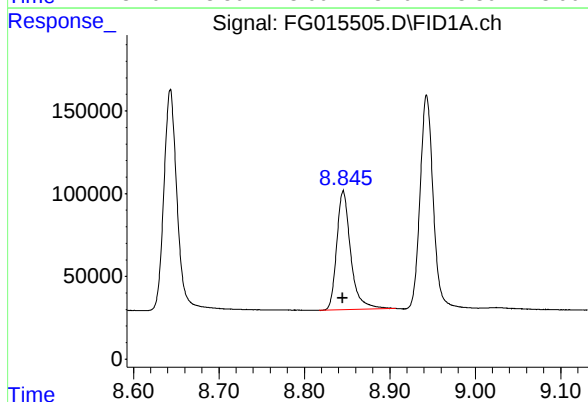
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 1213703
Conc: 9.89 ug/ml



#5 Acenaphthylene (C15.06)

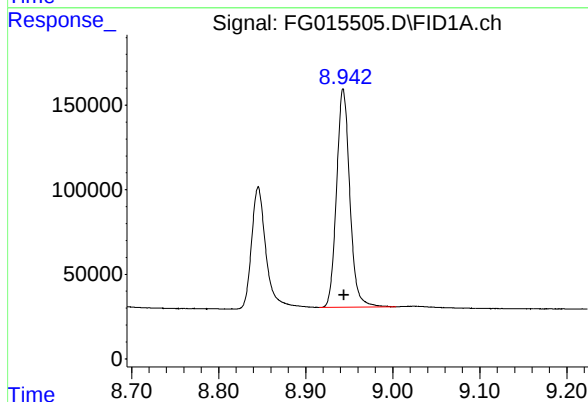
R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 1411336
Conc: 9.91 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



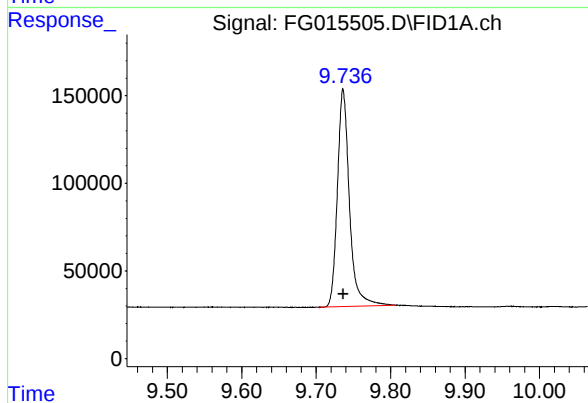
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 814531
Conc: 9.68 ug/ml



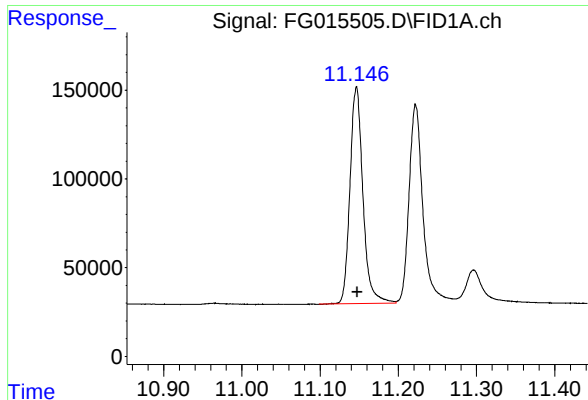
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: 0.000 min
Response: 1367689
Conc: 9.95 ug/ml



#8 Flouorene (C16.55)

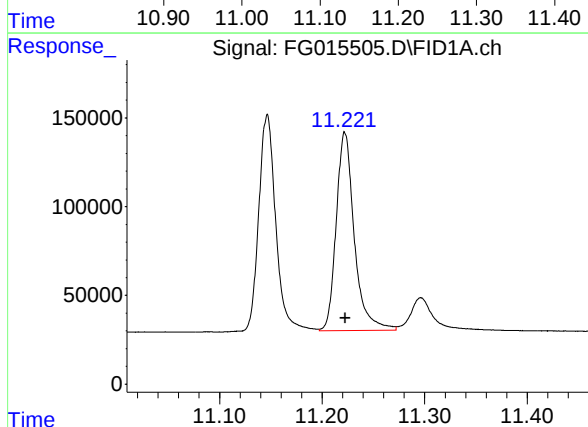
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 1396110
Conc: 9.92 ug/ml



#9 Phenanthrene (C19.36)

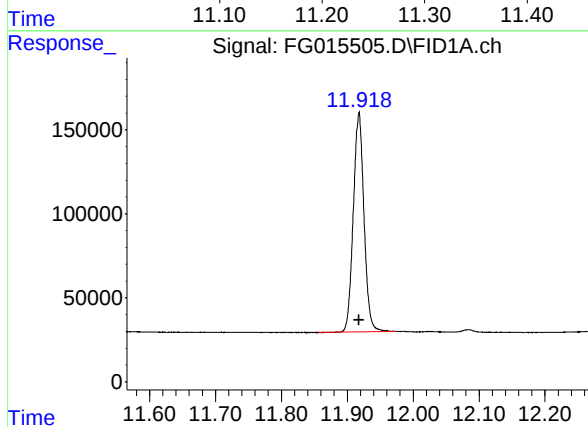
R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 1410660
Conc: 10.00 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



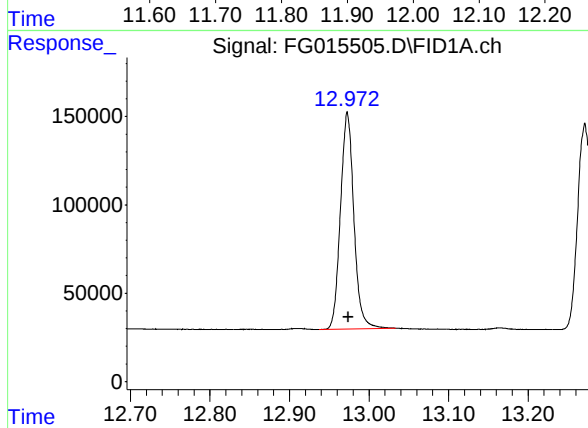
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: 0.000 min
Response: 1372213
Conc: 10.00 ug/ml



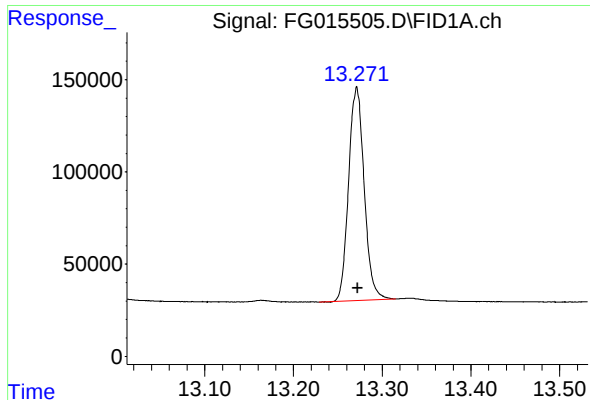
#11 ortho-Terphenyl (SURRE)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 1473663
Conc: 10.11 ug/ml



#12 Fluoranthene (C21.85)

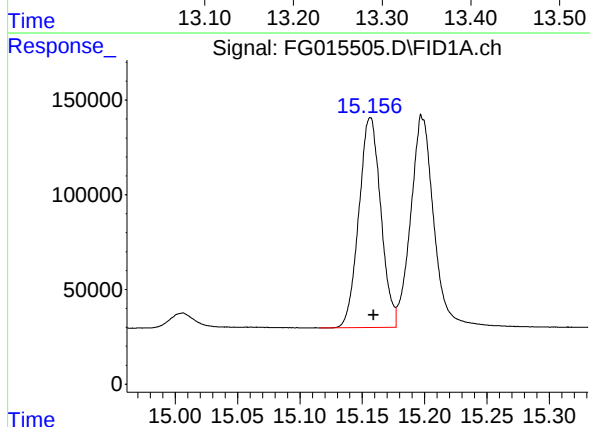
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 1437068
Conc: 10.07 ug/ml



#13 Pyrene (C20.8)

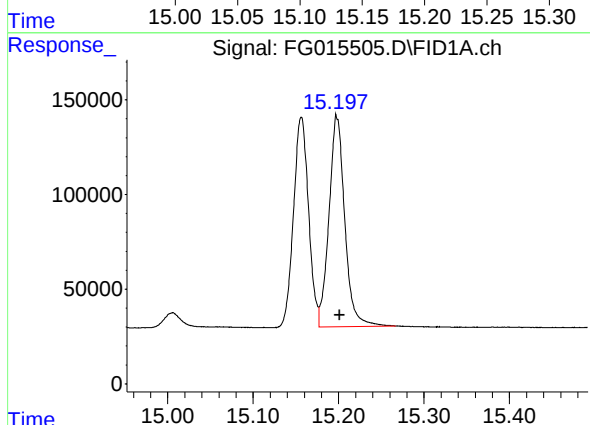
R.T.: 13.271 min
Delta R.T.: -0.002 min
Response: 1409735
Conc: 10.03 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



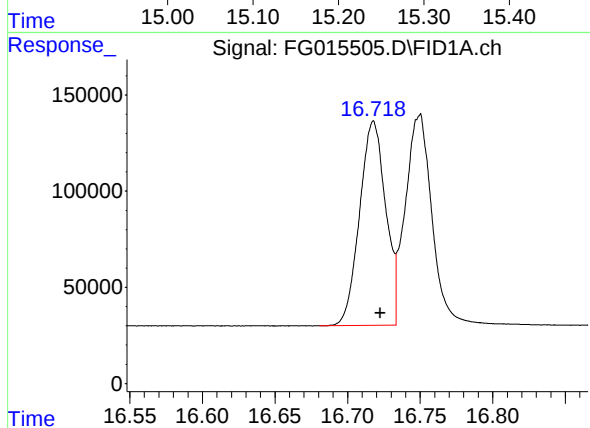
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.156 min
Delta R.T.: -0.002 min
Response: 1355370
Conc: 9.91 ug/ml



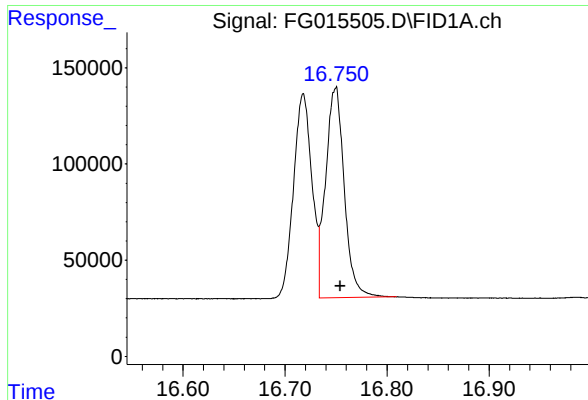
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: -0.003 min
Response: 1434548
Conc: 10.30 ug/ml



#16 benzo[b]fluoranthene (C30.41)

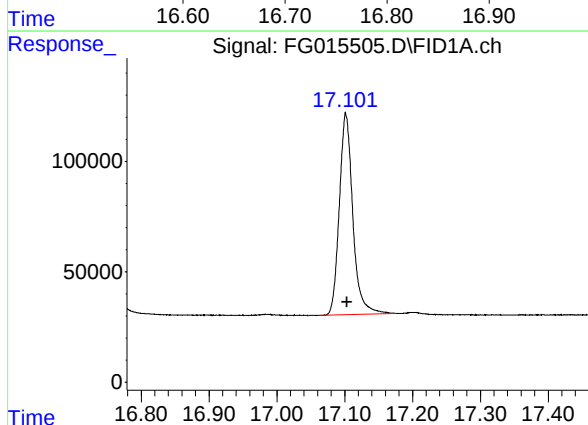
R.T.: 16.718 min
Delta R.T.: -0.005 min
Response: 1325261
Conc: 9.94 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

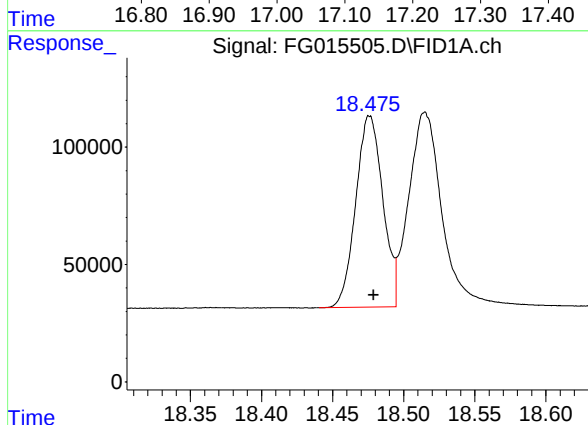
R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 1394802
Conc: 10.30 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



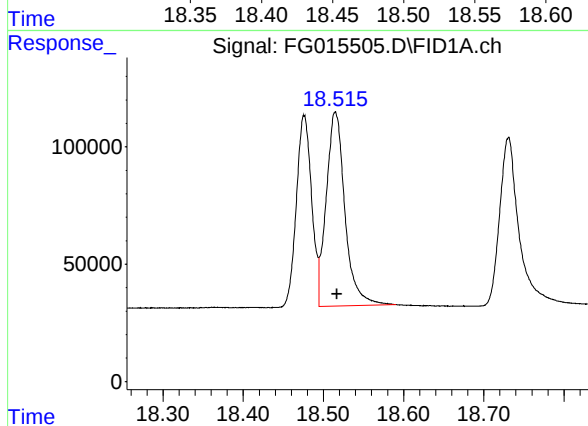
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.102 min
Delta R.T.: -0.001 min
Response: 1260891
Conc: 10.04 ug/ml



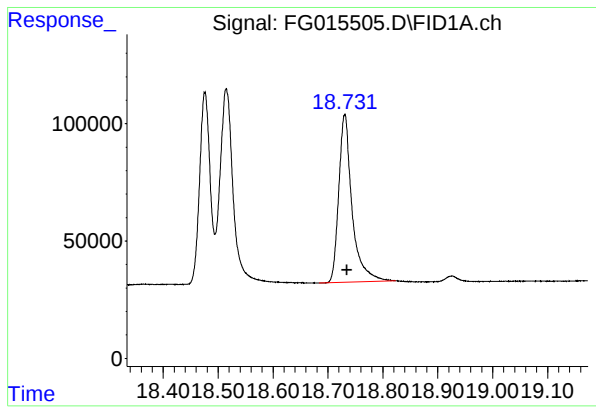
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.476 min
Delta R.T.: -0.003 min
Response: 1079071
Conc: 9.88 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.515 min
Delta R.T.: -0.002 min
Response: 1343184
Conc: 10.32 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.731 min

Delta R.T.: -0.004 min

Response: 1202673

Conc: 10.13 ug/ml

Instrument :

FID_G

ClientSampleId :

10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015505.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 19:00
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.559	4.525	4.612	BB	131464	1335509	90.63%	4.823%
2	6.237	6.202	6.302	BB	125424	1337169	90.74%	4.829%
3	7.338	7.302	7.409	BB	123040	1317757	89.42%	4.758%
4	7.968	7.915	8.035	BB	112918	1213703	82.36%	4.383%
5	8.643	8.612	8.704	BB	133746	1411336	95.77%	5.096%
6	8.846	8.817	8.907	BB	71673	814531	55.27%	2.941%
7	8.943	8.915	9.004	BB	128739	1367689	92.81%	4.939%
8	9.736	9.704	9.807	BB	122724	1396110	94.74%	5.041%
9	11.146	11.099	11.197	BV	122957	1410660	95.72%	5.094%
10	11.222	11.197	11.272	VV	111852	1372213	93.12%	4.955%
11	11.918	11.857	11.974	BB	129511	1473663	100.00%	5.321%
12	12.973	12.937	13.034	BB	122679	1437068	97.52%	5.189%
13	13.271	13.229	13.315	BB	115001	1409735	95.66%	5.091%
14	15.156	15.115	15.177	BV	111197	1355370	91.97%	4.894%
15	15.198	15.177	15.267	VB	109553	1434548	97.35%	5.180%
16	16.718	16.680	16.733	BV	105892	1325261	89.93%	4.786%
17	16.749	16.733	16.809	VB	108345	1394802	94.65%	5.037%
18	17.102	17.062	17.175	BB	90569	1260891	85.56%	4.553%
19	18.476	18.440	18.495	BV	81657	1079071	73.22%	3.897%
20	18.515	18.495	18.590	VB	82738	1343184	91.15%	4.850%
21	18.731	18.684	18.824	BB	71398	1202673	81.61%	4.343%
Sum of corrected areas:						27692943		

Aromatic EPH 031725.M Tue Mar 18 05:31:24 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015506.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 19:29
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 18 05:06:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.969	602634	4.908 ug/ml
Spiked Amount 50.000		Recovery =	9.82%
6) S 2-Fluorobiphenyl (SURR)	8.848	388125	4.613 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.23%
11) S ortho-Terphenyl (SURR)	11.917	752937	5.167 ug/ml
Spiked Amount 50.000		Recovery =	10.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	681641	5.145 ug/ml
2) T Naphthalene (C11.7)	6.238	662743	4.897 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	651323	4.842 ug/ml
5) T Acenaphthylene (C15.06)	8.644	719825	5.054 ug/ml
7) T Acenaphthene (C15.5)	8.943	676555	4.924 ug/ml
8) T Fluorene (C16.55)	9.737	686185	4.876 ug/ml
9) T Phenanthrene (C19.36)	11.147	715636	5.074 ug/ml
10) T Anthracene (C19.43)	11.224	689297	5.025 ug/ml
12) T Fluoranthene (C21.85)	12.973	729990	5.116 ug/ml
13) T Pyrene (C20.8)	13.271	714259	5.081 ug/ml
14) T Benzo[a]anthracene (C...	15.158	670852	4.903 ug/ml
15) T Chrysene (C27.41)	15.199	736510	5.290 ug/ml
16) T benzo[b]fluoranthene ...	16.720	656395	4.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	726748	5.369 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.104	637092	5.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	534014	4.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.517	705044	5.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	614526	5.174 ug/ml

(f)=RT Delta > 1/2 Window

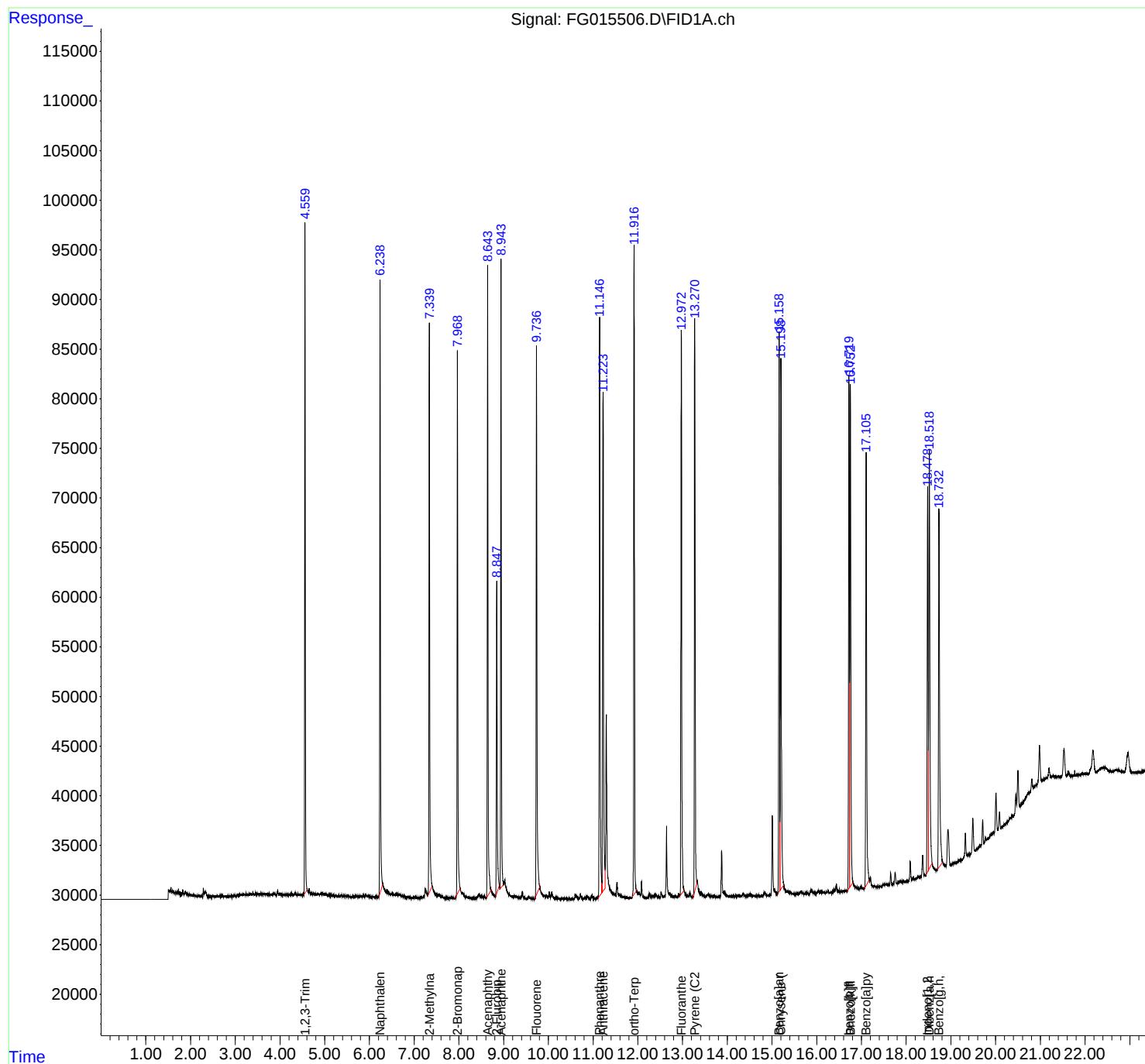
(m)=manual int.

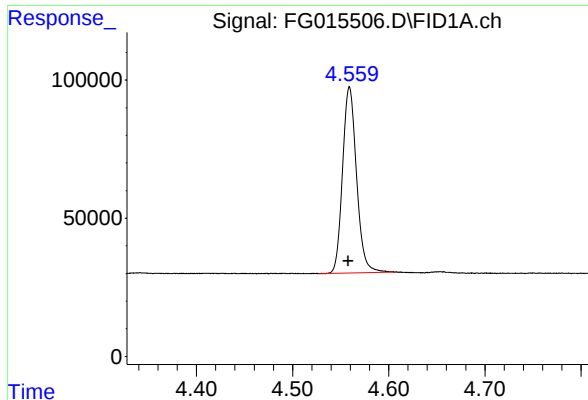
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015506.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 19:29
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Mar 18 05:06:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:03:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

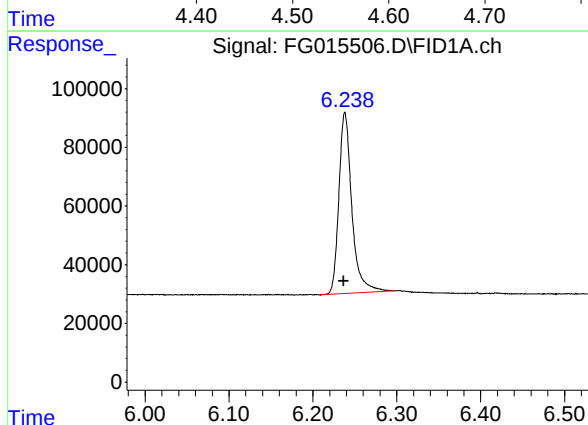




#1 1,2,3-Trimethylbenzene (C10.1)

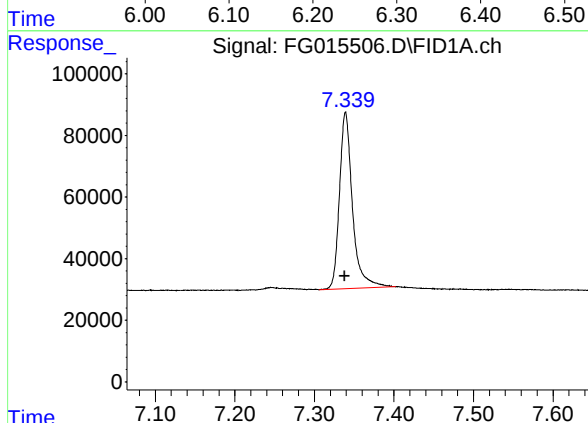
R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 681641
Conc: 5.15 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



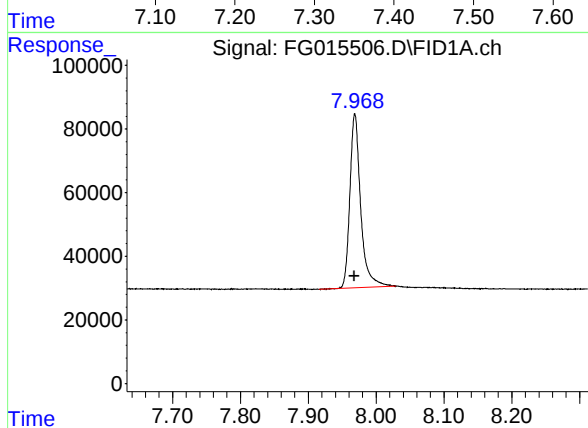
#2 Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 662743
Conc: 4.90 ug/ml



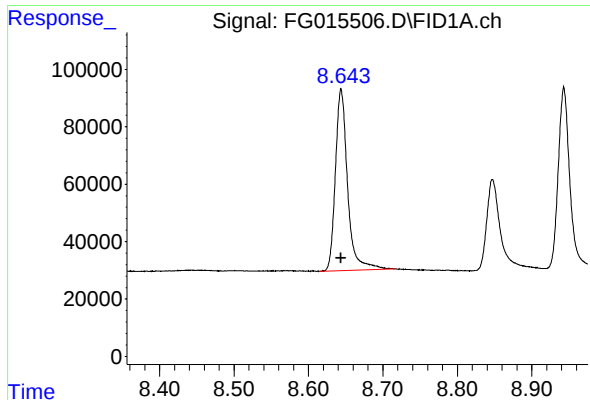
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 651323
Conc: 4.84 ug/ml



#4 2-Bromonaphthalene (SURR)

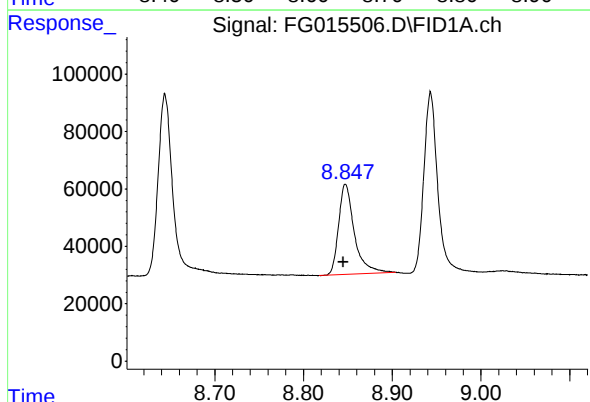
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 602634
Conc: 4.91 ug/ml



#5 Acenaphthylene (C15.06)

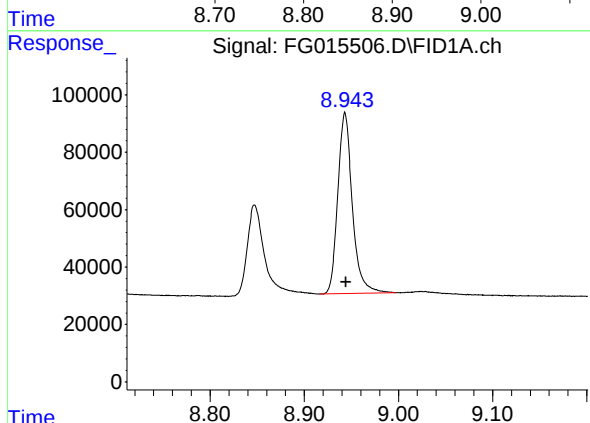
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 719825
Conc: 5.05 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



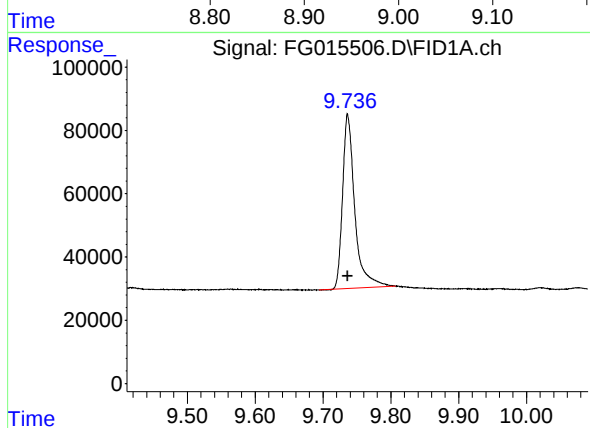
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.848 min
Delta R.T.: 0.003 min
Response: 388125
Conc: 4.61 ug/ml



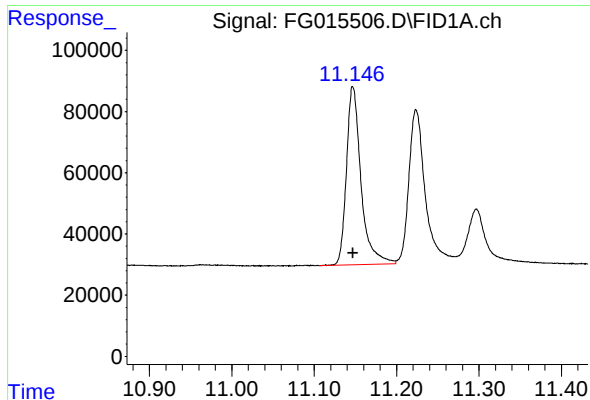
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: 0.000 min
Response: 676555
Conc: 4.92 ug/ml



#8 Fluorene (C16.55)

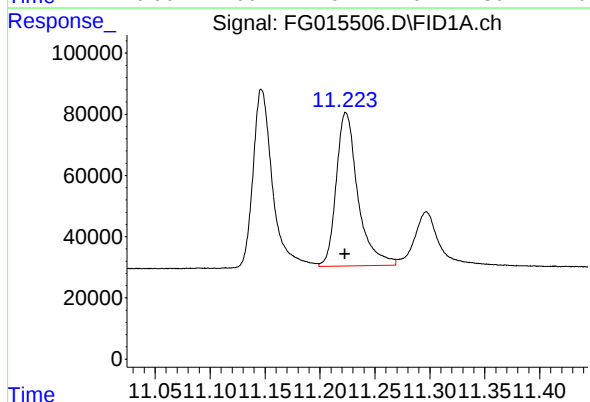
R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 686185
Conc: 4.88 ug/ml



#9 Phenanthrene (C19.36)

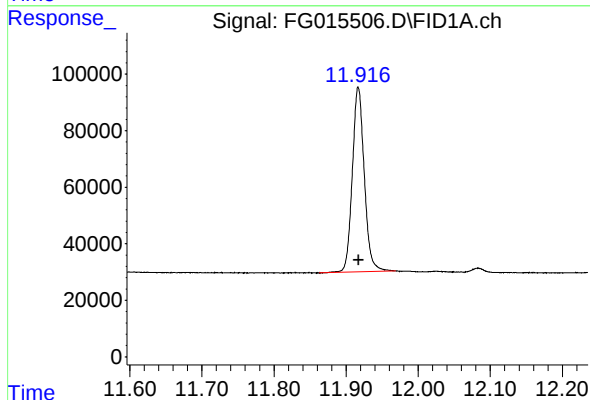
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 715636
Conc: 5.07 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



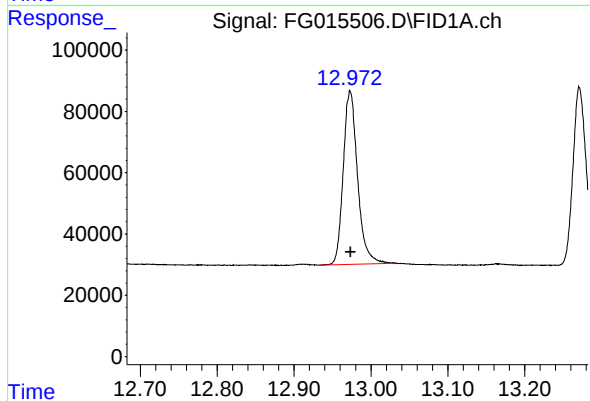
#10 Anthracene (C19.43)

R.T.: 11.224 min
Delta R.T.: 0.001 min
Response: 689297
Conc: 5.03 ug/ml



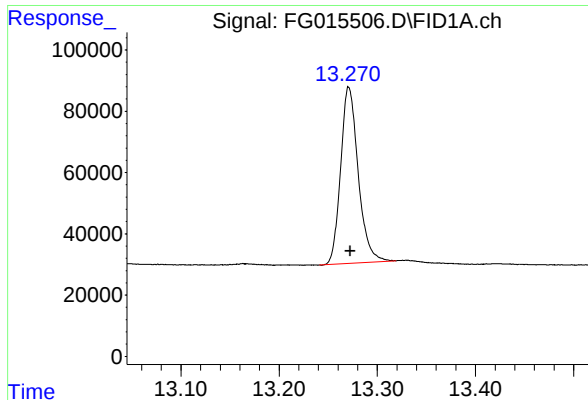
#11 ortho-Terphenyl (SURRE)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 752937
Conc: 5.17 ug/ml



#12 Fluoranthene (C21.85)

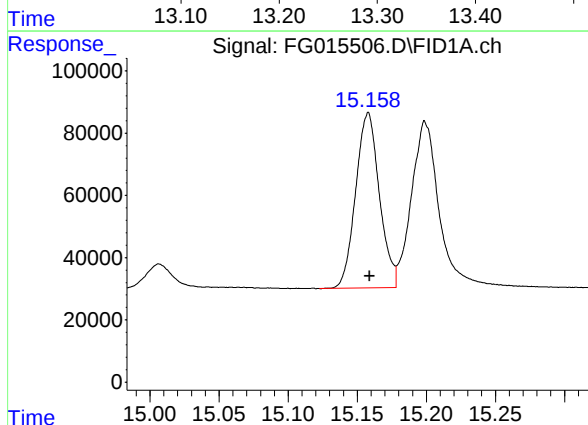
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 729990
Conc: 5.12 ug/ml



#13 Pyrene (C20.8)

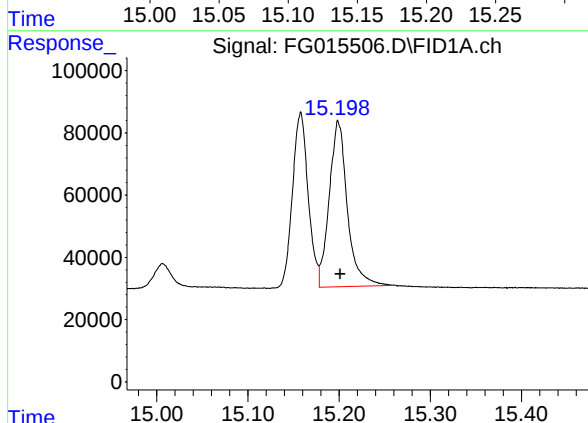
R.T.: 13.271 min
Delta R.T.: -0.001 min
Response: 714259
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



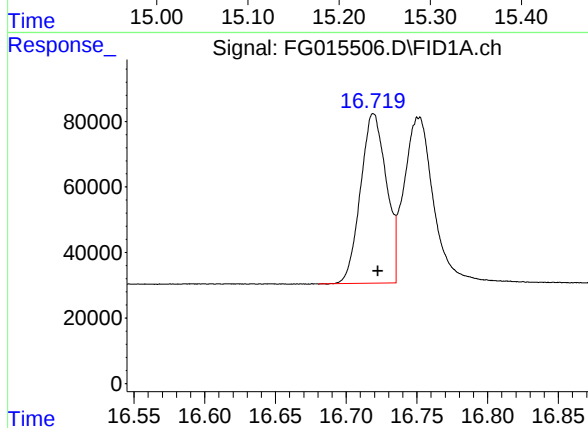
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: -0.001 min
Response: 670852
Conc: 4.90 ug/ml



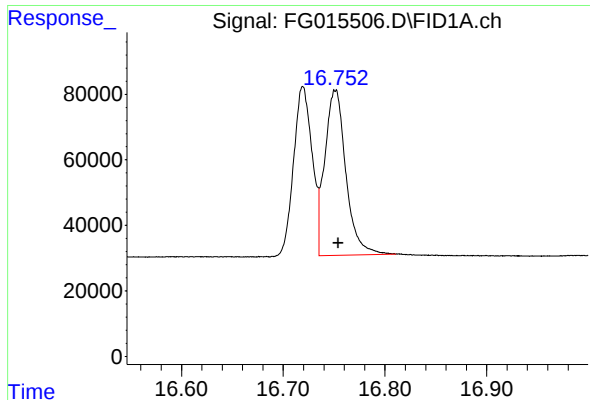
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: -0.002 min
Response: 736510
Conc: 5.29 ug/ml



#16 benzo[b]fluoranthene (C30.41)

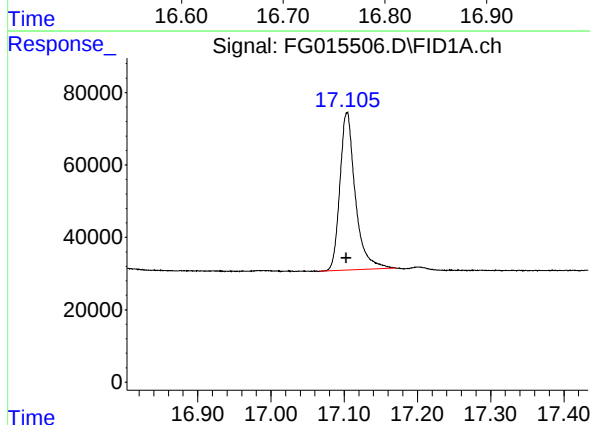
R.T.: 16.720 min
Delta R.T.: -0.003 min
Response: 656395
Conc: 4.92 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

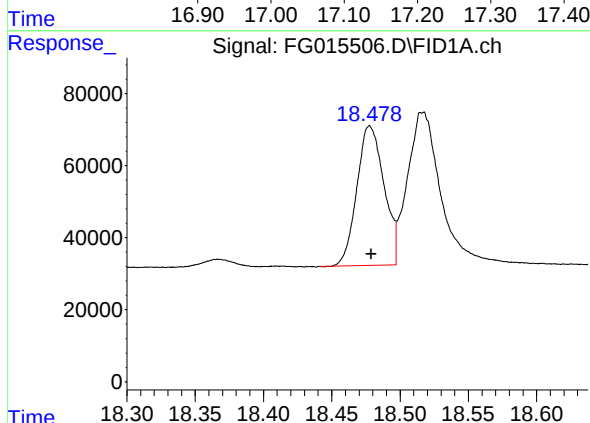
R.T.: 16.751 min
Delta R.T.: -0.003 min
Response: 726748
Conc: 5.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



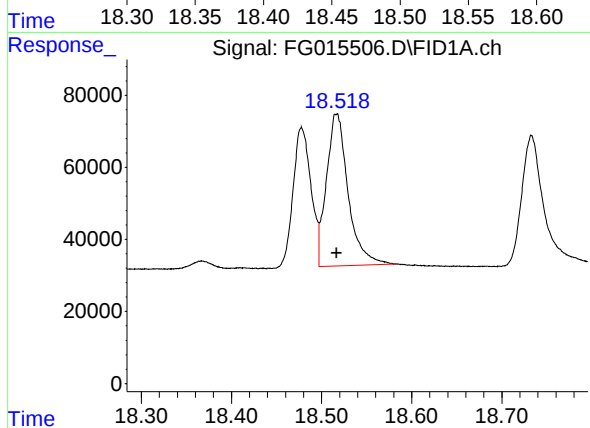
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.104 min
Delta R.T.: 0.000 min
Response: 637092
Conc: 5.07 ug/ml



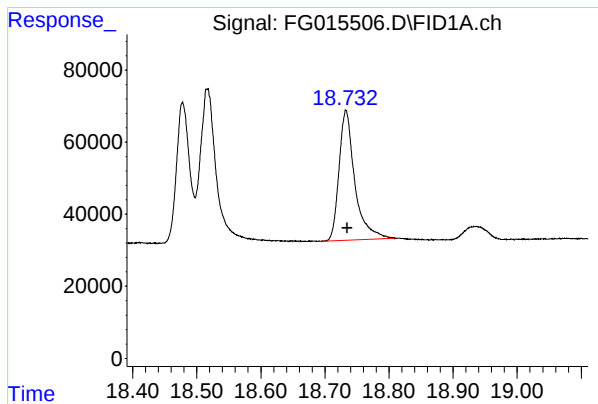
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 534014
Conc: 4.89 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 705044
Conc: 5.42 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.733 min

Delta R.T.: -0.002 min

Response: 614526

Conc: 5.17 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015506.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 19:29
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.559	4.527	4.607	BB	67365	681641	90.53%	4.885%
2	6.238	6.207	6.299	BB	61462	662743	88.02%	4.750%
3	7.339	7.306	7.402	BB	57294	651323	86.50%	4.668%
4	7.969	7.916	8.029	BB	54625	602634	80.04%	4.319%
5	8.644	8.614	8.717	BB	63210	719825	95.60%	5.159%
6	8.848	8.817	8.904	BB	31336	388125	51.55%	2.782%
7	8.943	8.916	8.997	BB	62940	676555	89.86%	4.849%
8	9.737	9.694	9.807	BB	54042	686185	91.13%	4.918%
9	11.147	11.106	11.199	BV	57886	715636	95.05%	5.129%
10	11.224	11.199	11.269	VV	50072	689297	91.55%	4.940%
11	11.917	11.862	11.969	BB	65171	752937	100.00%	5.396%
12	12.973	12.932	13.032	BB	56640	729990	96.95%	5.232%
13	13.271	13.241	13.319	BB	57601	714259	94.86%	5.119%
14	15.158	15.122	15.178	BV	56166	670852	89.10%	4.808%
15	15.199	15.178	15.262	VB	53126	736510	97.82%	5.279%
16	16.720	16.681	16.735	BV	51745	656395	87.18%	4.705%
17	16.751	16.735	16.811	VB	50451	726748	96.52%	5.209%
18	17.104	17.066	17.171	BB	43580	637092	84.61%	4.566%
19	18.478	18.441	18.497	BV	38656	534014	70.92%	3.827%
20	18.517	18.497	18.582	VB	42211	705044	93.64%	5.053%
21	18.733	18.691	18.811	BB	36181	614526	81.62%	4.404%
Sum of corrected areas:							13952331	

Aromatic EPH 031725.M Tue Mar 18 05:31:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015507.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 19:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 18 05:14:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.968	2456519	20.110 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
6) S 2-Fluorobiphenyl (SURR)	8.845	1686476	20.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.918	2915333	19.991 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	2641903	19.881 ug/ml
2) T Naphthalene (C11.7)	6.237	2701816	19.998 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	2684162	20.122 ug/ml
5) T Acenaphthylene (C15.06)	8.644	2840710	20.057 ug/ml
7) T Acenaphthene (C15.5)	8.944	2750045	20.157 ug/ml
8) T Fluorene (C16.55)	9.736	2813686	20.155 ug/ml
9) T Phenanthrene (C19.36)	11.146	2817182	19.997 ug/ml
10) T Anthracene (C19.43)	11.222	2741355	20.033 ug/ml
12) T Fluoranthene (C21.85)	12.973	2847782	19.970 ug/ml
13) T Pyrene (C20.8)	13.272	2808608	20.017 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2727508	20.110 ug/ml
15) T Chrysene (C27.41)	15.201	2780462	19.862 ug/ml
16) T benzo[b]fluoranthene ...	16.721	2650809	20.061 ug/ml
17) T Bnezo[k]fluoranthene ...	16.752	2709173	19.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2512163	20.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	2191508	19.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.515	2598451	20.193 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2381770	19.932 ug/ml

(f)=RT Delta > 1/2 Window

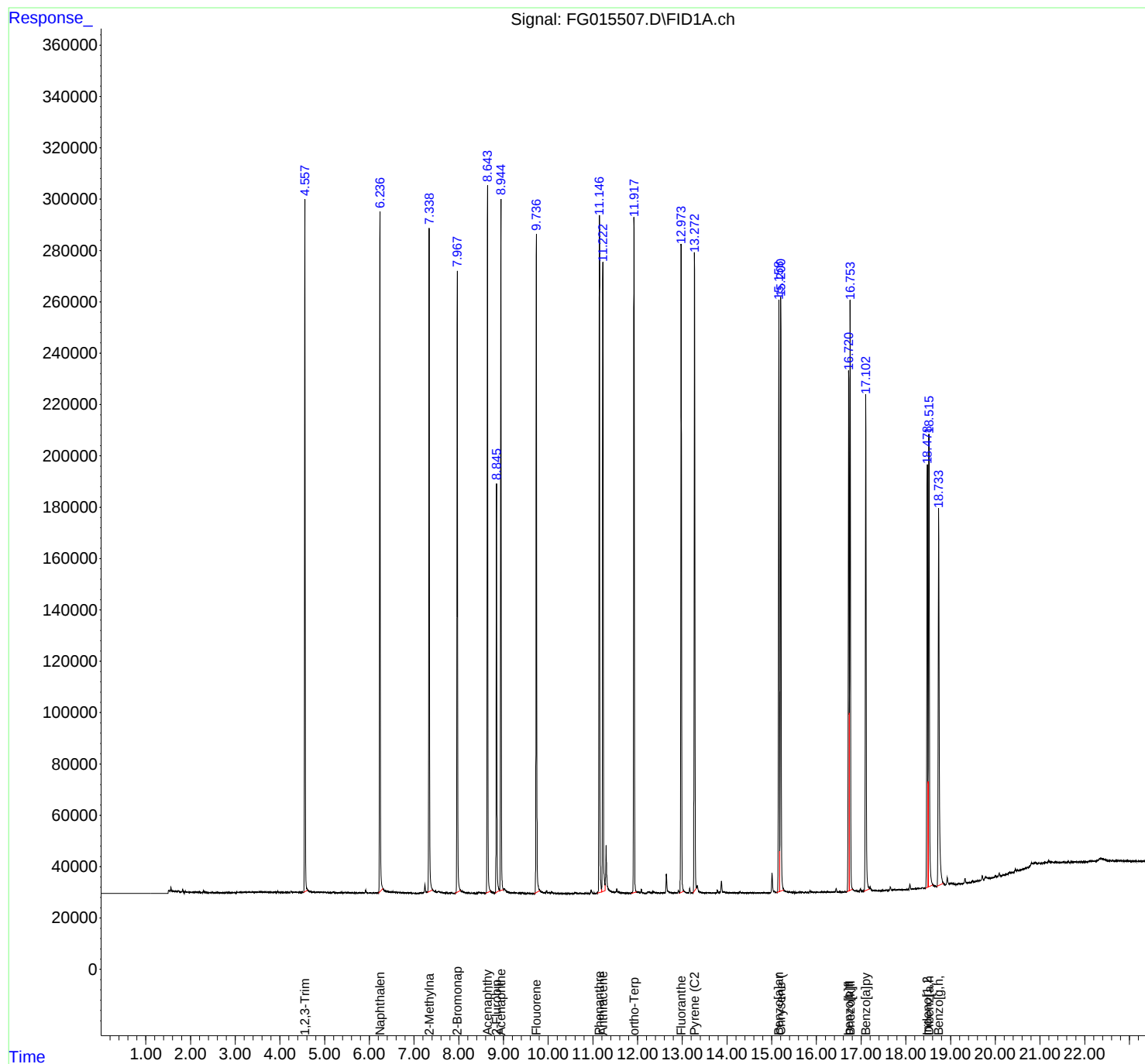
(m)=manual int.

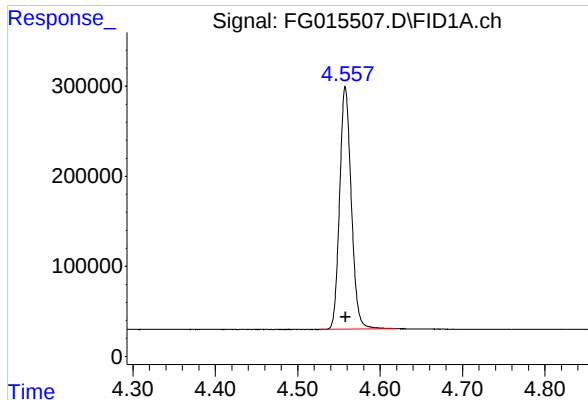
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015507.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 19:59
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 18 05:14:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:13:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

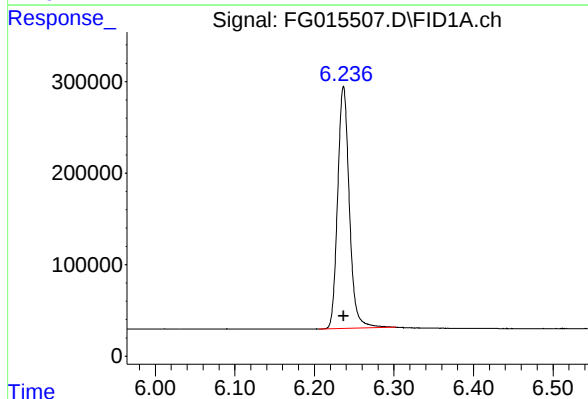




#1 1,2,3-Trimethylbenzene (C10.1)

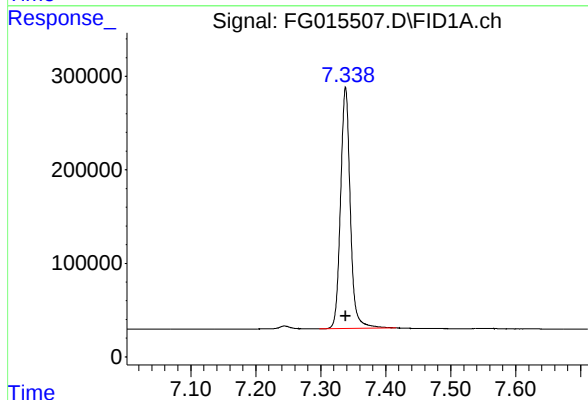
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 2641903
Conc: 19.88 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV



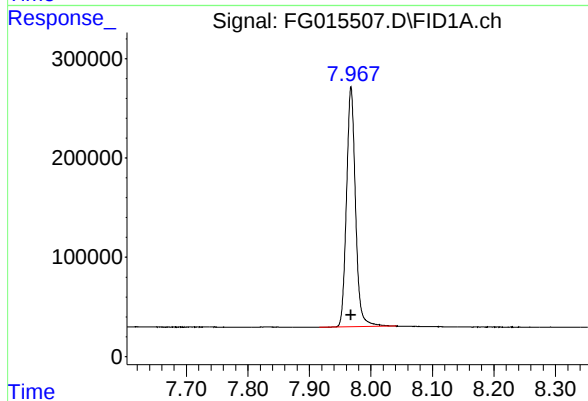
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2701816
Conc: 20.00 ug/ml



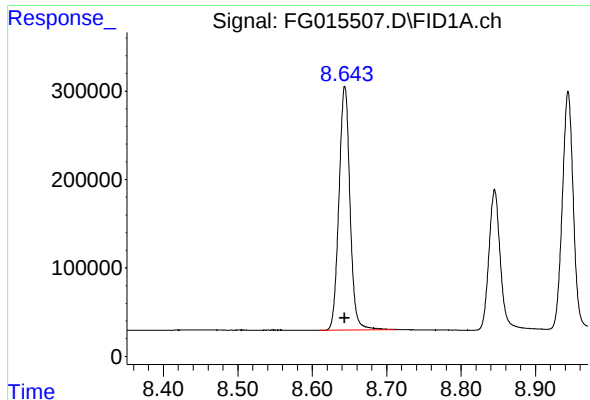
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 2684162
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 2456519
Conc: 20.11 ug/ml



#5 Acenaphthylene (C15.06)

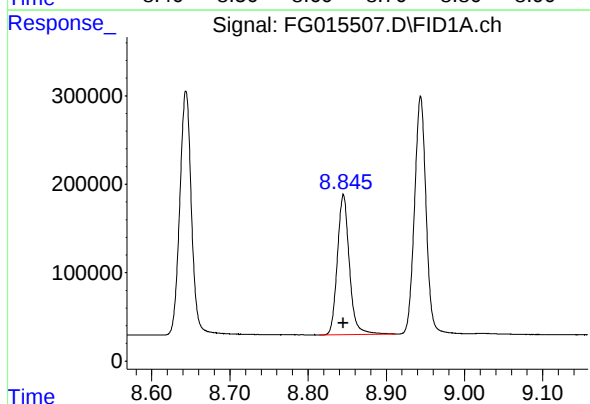
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 2840710
Conc: 20.06 ug/ml

Instrument :

FID_G

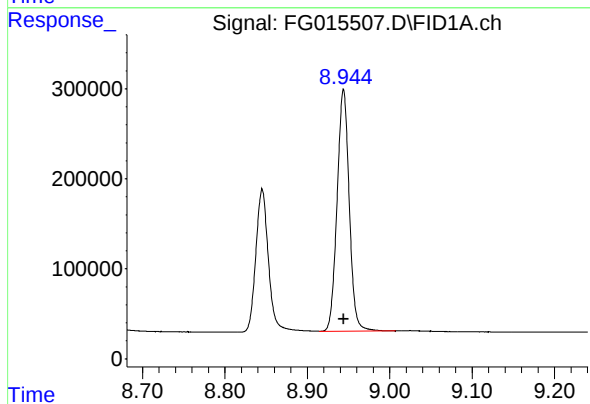
ClientSampleId :

20 PPM AROMATIC HC STD ICV



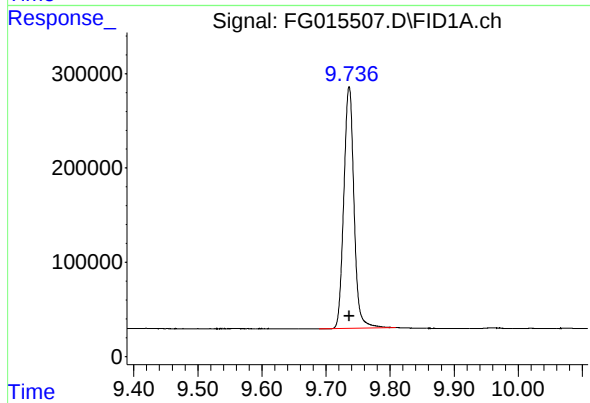
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1686476
Conc: 20.40 ug/ml



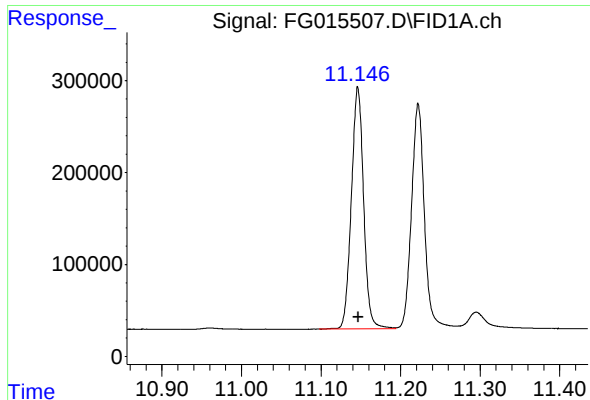
#7 Acenaphthene (C15.5)

R.T.: 8.944 min
Delta R.T.: 0.000 min
Response: 2750045
Conc: 20.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2813686
Conc: 20.15 ug/ml



#9 Phenanthrene (C19.36)

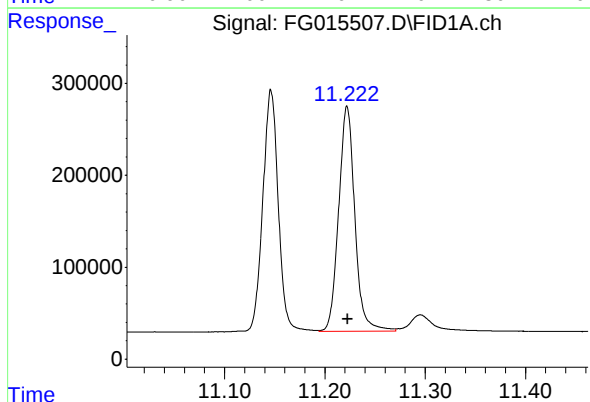
R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 2817182
Conc: 20.00 ug/ml

Instrument :

FID_G

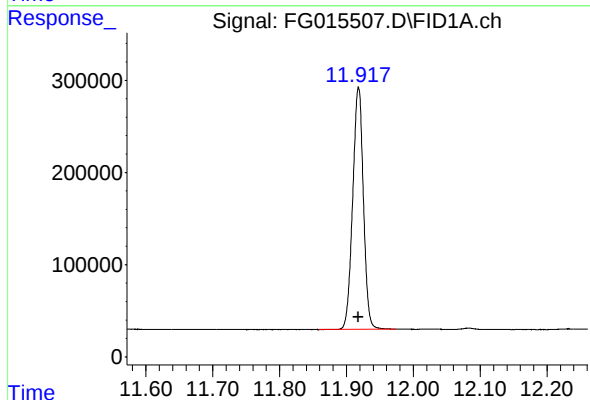
ClientSampleId :

20 PPM AROMATIC HC STD ICV



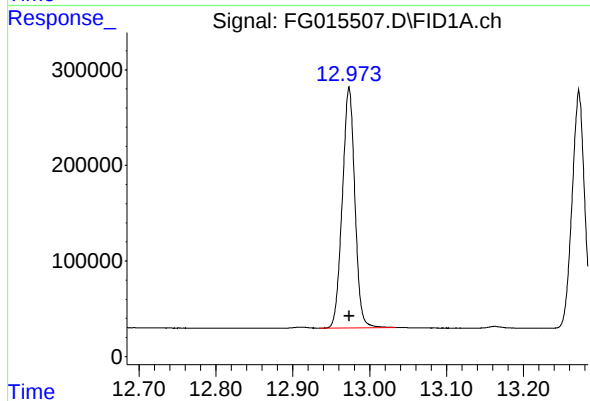
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: 0.000 min
Response: 2741355
Conc: 20.03 ug/ml



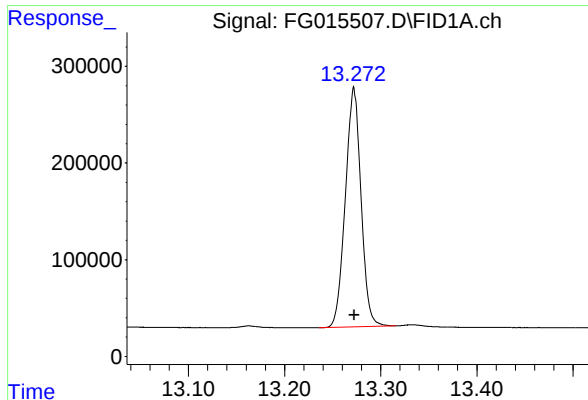
#11 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2915333
Conc: 19.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2847782
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

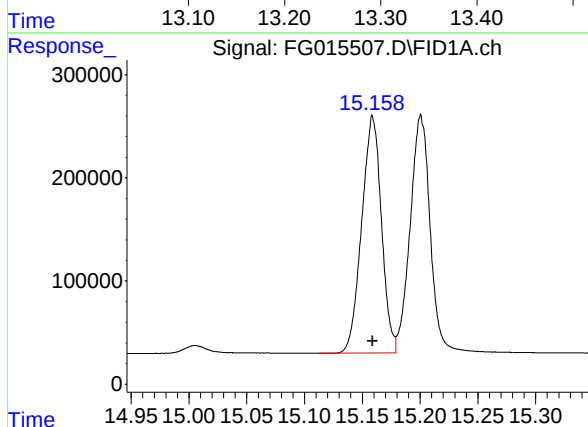
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 2808608
Conc: 20.02 ug/ml

Instrument :

FID_G

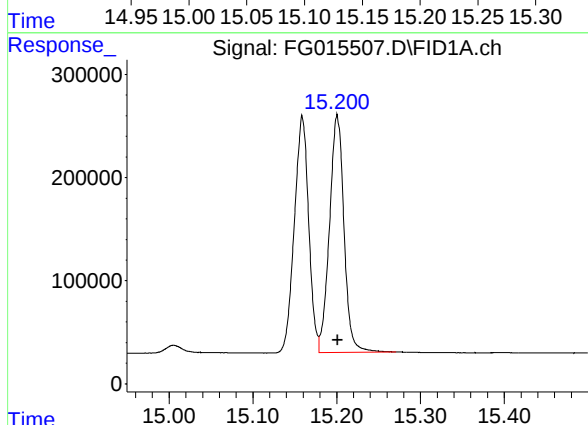
ClientSampleId :

20 PPM AROMATIC HC STD ICV



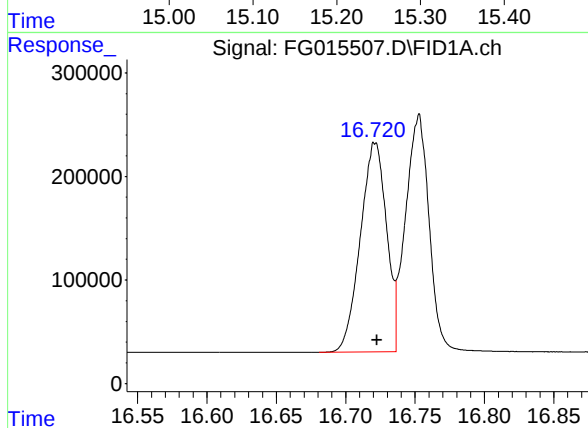
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2727508
Conc: 20.11 ug/ml



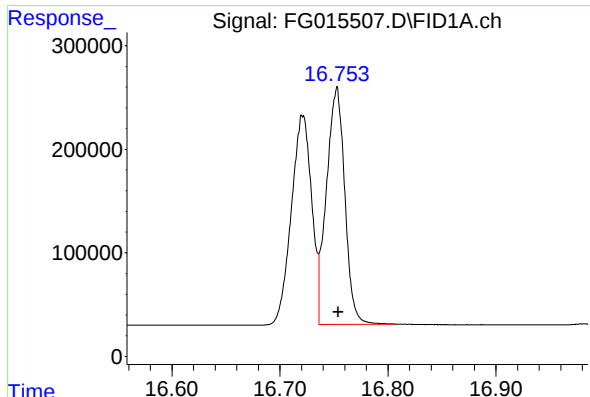
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2780462
Conc: 19.86 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.721 min
Delta R.T.: -0.001 min
Response: 2650809
Conc: 20.06 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

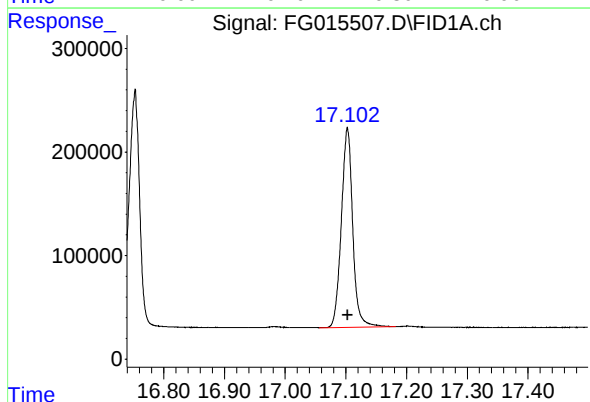
R.T.: 16.752 min
Delta R.T.: -0.002 min
Response: 2709173
Conc: 19.84 ug/ml

Instrument :

FID_G

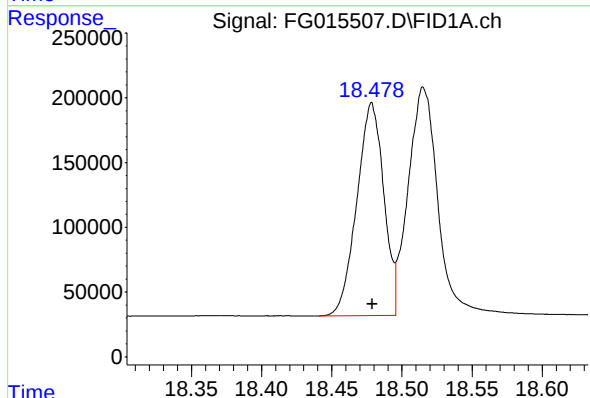
ClientSampleId :

20 PPM AROMATIC HC STD ICV



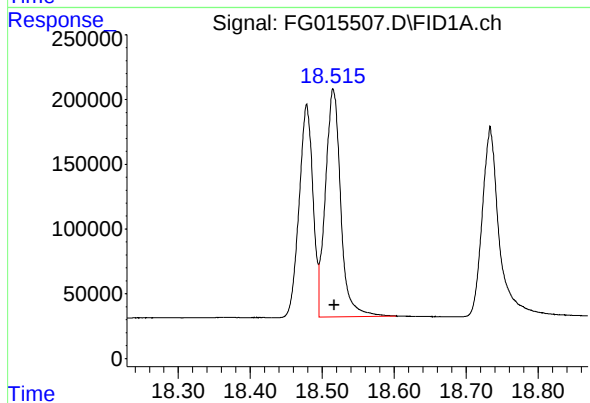
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2512163
Conc: 20.03 ug/ml



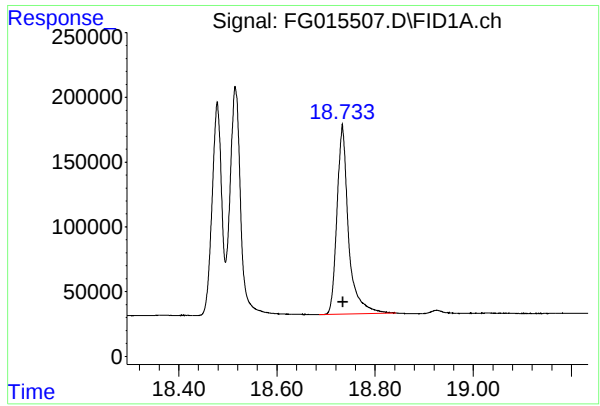
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2191508
Conc: 19.70 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.515 min
Delta R.T.: -0.001 min
Response: 2598451
Conc: 20.19 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.733 min
Delta R.T.: -0.001 min
Response: 2381770
Conc: 19.93 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
Data File : FG015507.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 19:59
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.558	4.526	4.619	BB	269068	2641903	90.62%	4.781%
2	6.237	6.206	6.302	BB	264619	2701816	92.68%	4.890%
3	7.338	7.297	7.416	BB	258081	2684162	92.07%	4.858%
4	7.968	7.916	8.041	BB	241447	2456519	84.26%	4.446%
5	8.644	8.609	8.712	BB	275828	2840710	97.44%	5.141%
6	8.845	8.814	8.912	BB	158538	1686476	57.85%	3.052%
7	8.944	8.914	9.007	BB	269222	2750045	94.33%	4.977%
8	9.736	9.689	9.809	BB	256603	2813686	96.51%	5.092%
9	11.146	11.097	11.194	BV	263586	2817182	96.63%	5.098%
10	11.222	11.194	11.271	VV	244559	2741355	94.03%	4.961%
11	11.918	11.859	11.974	BB	262789	2915333	100.00%	5.276%
12	12.973	12.934	13.034	BB	250426	2847782	97.68%	5.154%
13	13.272	13.236	13.316	BV	247435	2808608	96.34%	5.083%
14	15.159	15.112	15.179	BV	229610	2727508	93.56%	4.936%
15	15.201	15.179	15.271	VB	229818	2780462	95.37%	5.032%
16	16.721	16.681	16.736	BV	202169	2650809	90.93%	4.797%
17	16.752	16.736	16.807	VB	228028	2709173	92.93%	4.903%
18	17.103	17.056	17.182	BB	192942	2512163	86.17%	4.546%
19	18.478	18.441	18.496	BV	164329	2191508	75.17%	3.966%
20	18.515	18.496	18.602	VB	175375	2598451	89.13%	4.702%
21	18.733	18.686	18.842	BB	145615	2381770	81.70%	4.310%
Sum of corrected areas:							55257421	

Aromatic EPH 031725.M Tue Mar 18 05:32:04 2025