

Initial Calibration Report for SequenceID : FD100225AR

AreaCount

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	25427460.000	12246862.000	4558465.000	2308235.000	1349679.000	
Aromatic C12-C16	44219117.000	21369355.000	7997923.000	4074363.000	2367349.000	
Aromatic C16-C21	58880353.000	28489474.000	10565292.000	5373434.000	3096151.000	
Aromatic C21-C36	113279188.000	55536652.000	20589877.000	10574479.000	6207569.000	
Aromatic EPH	241806118.000	117642343.000	43711557.000	22330511.000	13020748.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	122789.439	7.049				
Aromatic C12-C16	143358.7013328	6.839				
Aromatic C16-C21	142171.5605	6.566				
Aromatic C21-C36	123821.7882218	7.367				
Aromatic EPH	131040.9621106	7.017				

Concentration

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.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	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	127137.300000	122468.620000	113961.625000	115411.750000	134967.900000	
Aromatic C12-C16	147397.056666	142462.366666	133298.716666	135812.100000	157823.266666	
Aromatic C16-C21	147200.882500	142447.370000	132066.150000	134335.850000	154807.550000	
Aromatic C21-C36	125865.764444	123414.782222	114388.205555	117494.211111	137945.977777	
Aromatic EPH	134336.732222	130713.714444	121420.991666	124058.394444	144674.977777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049791.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 09:40
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 02 12:23:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 12:20:25 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...	7.702	12297466	105.279 ug/ml
Spiked Amount 50.000		Recovery =	210.56%
6) S 2-Fluorobiphenyl (SURR)	8.569	8829631	105.527 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	211.05%#
11) S ortho-Terphenyl (SURR)	11.617	15083328	104.185 ug/ml
Spiked Amount 50.000		Recovery =	208.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	11695090	105.250 ug/ml
2) T Naphthalene (C11.7)	6.037	13732370	105.649 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	14358809	105.572 ug/ml
5) T Acenaphthylene (C15.06)	8.374	14927854	104.729 ug/ml
7) T Acenaphthene (C15.5)	8.672	14932454	104.792 ug/ml
8) T Fluorene (C16.55)	9.453	15004127	104.915 ug/ml
9) T Phenanthrene (C19.36)	10.852	15141178	105.308 ug/ml
10) T Anthracene (C19.43)	10.929	14050883	105.566 ug/ml
12) T Fluoranthene (C21.85)	12.669	14846106	105.943 ug/ml
13) T Pyrene (C20.8)	12.967	14684165	105.915 ug/ml
14) T Benzo[a]anthracene (C...	14.838	13181939	106.439 ug/ml
15) T Chrysene (C27.41)	14.887	13333384	106.103 ug/ml
16) T benzo[b]fluoranthene ...	16.393	12901391	105.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.431	11752195	104.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	12308141	104.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	11738329	105.996 ug/ml
20) T Dibenz[a,h]anthracene...	18.181	11303844	101.557 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	11913859	103.219 ug/ml

(f)=RT Delta > 1/2 Window

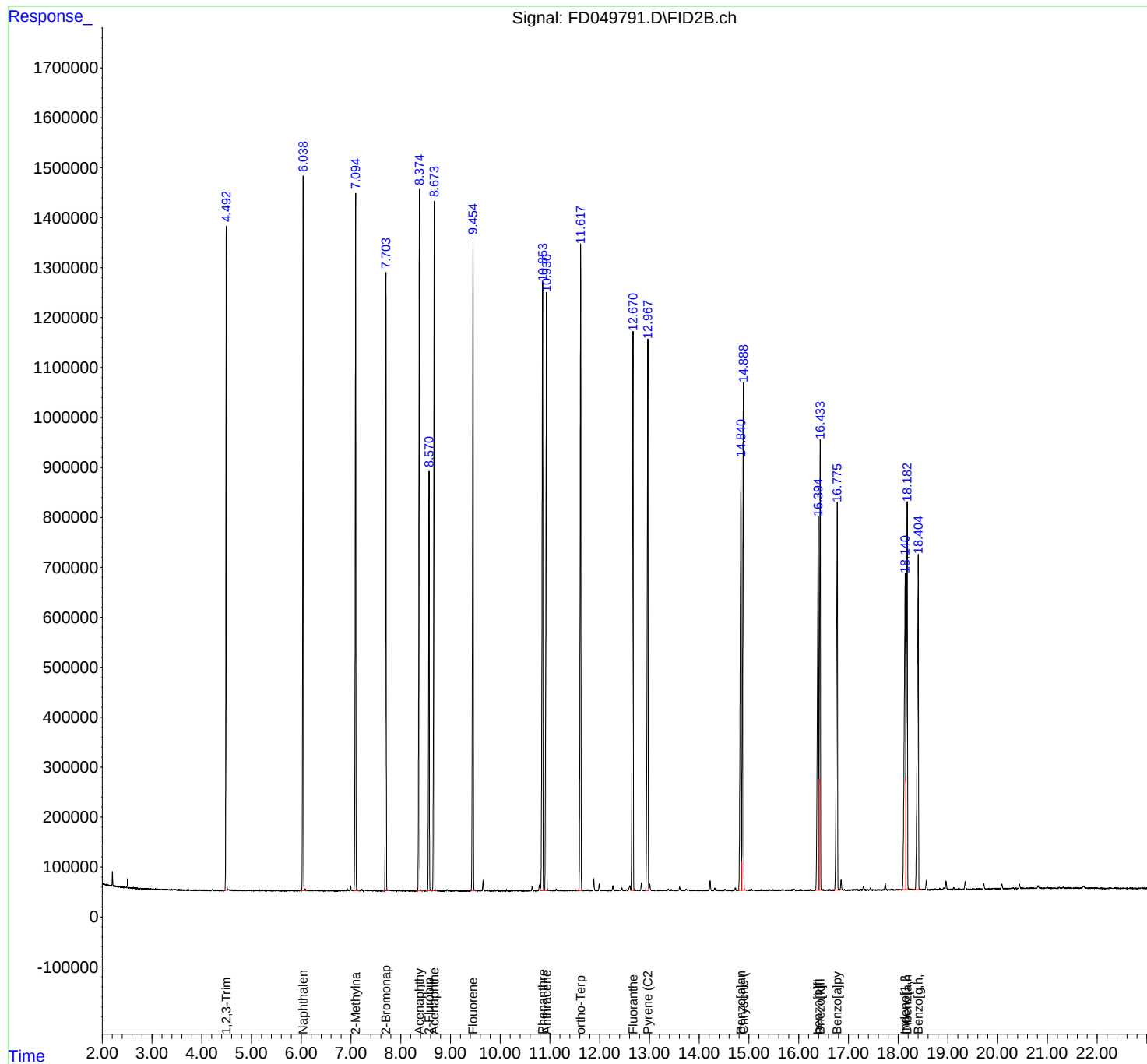
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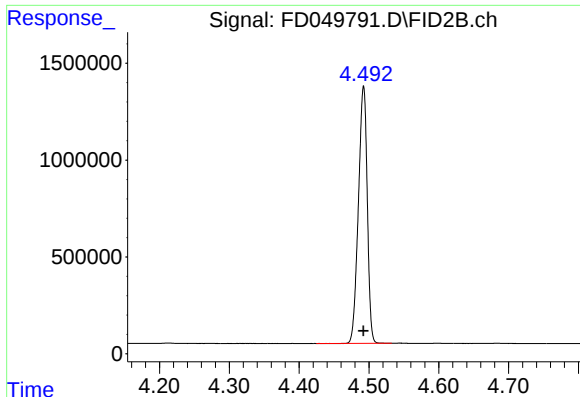
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049791.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 09:40
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 02 12:23:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Thu Oct 02 12:20:25 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)

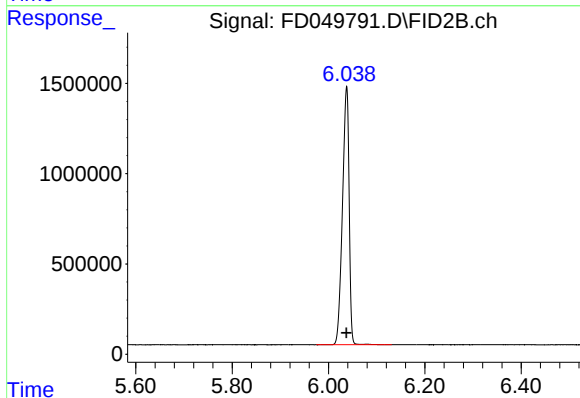
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 11695090
Conc: 105.25 ug/ml

Instrument :

FID_D

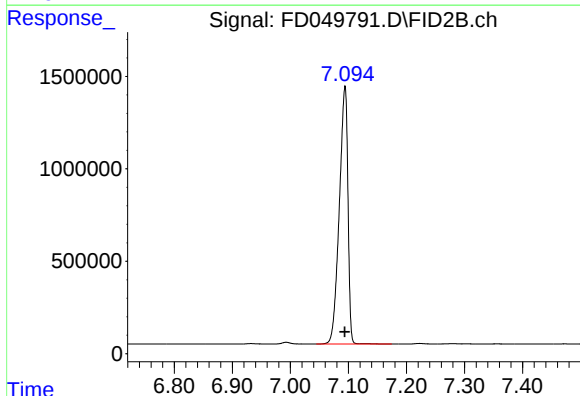
ClientSampleId :

100 PPM AROMATIC HC STD1



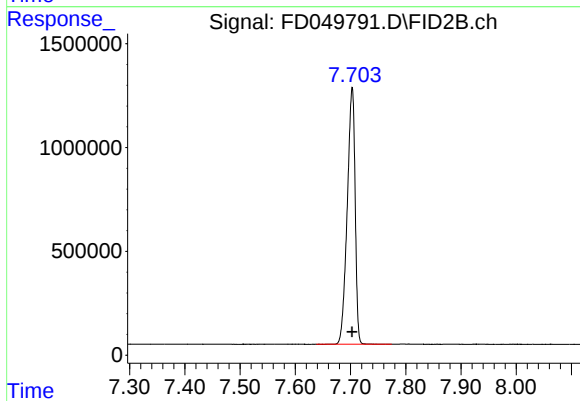
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 13732370
Conc: 105.65 ug/ml



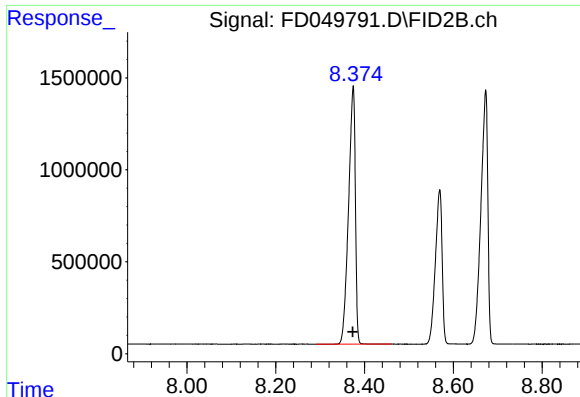
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 14358809
Conc: 105.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 12297466
Conc: 105.28 ug/ml



#5 Acenaphthylene (C15.06)

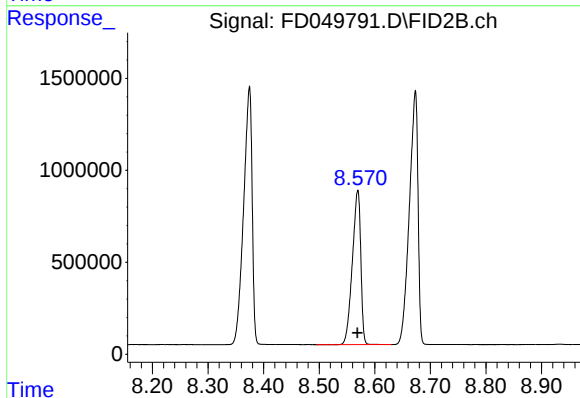
R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 14927854
Conc: 104.73 ug/ml

Instrument :

FID_D

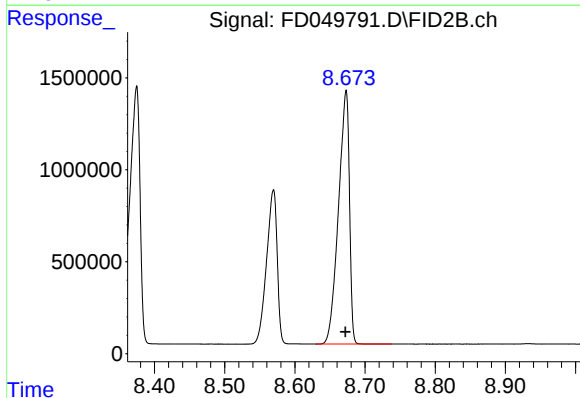
ClientSampleId :

100 PPM AROMATIC HC STD1



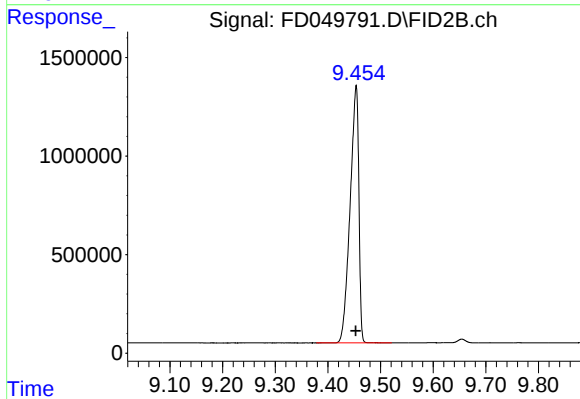
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 8829631
Conc: 105.53 ug/ml



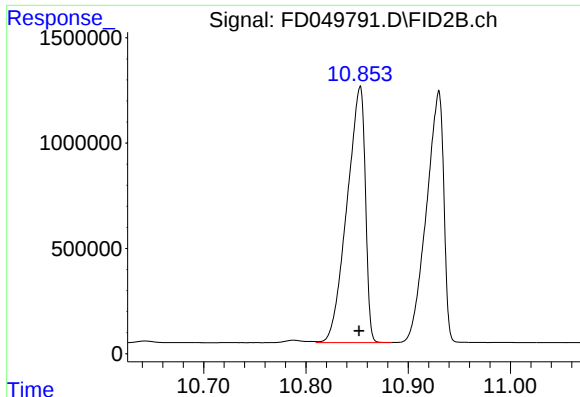
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 14932454
Conc: 104.79 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.453 min
Delta R.T.: 0.000 min
Response: 15004127
Conc: 104.92 ug/ml



#9 Phenanthrene (C19.36)

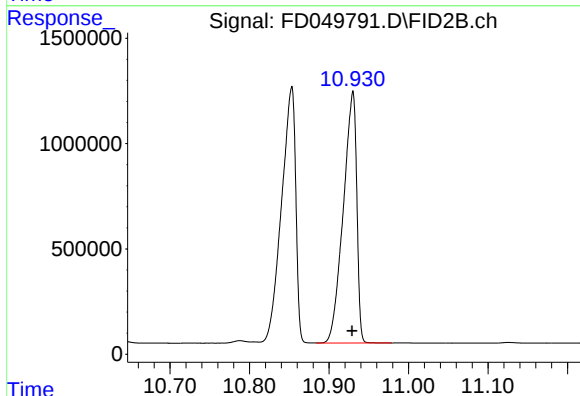
R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 15141178
Conc: 105.31 ug/ml

Instrument :

FID_D

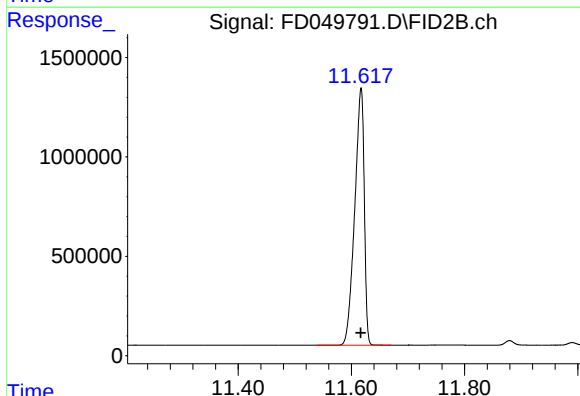
ClientSampleId :

100 PPM AROMATIC HC STD1



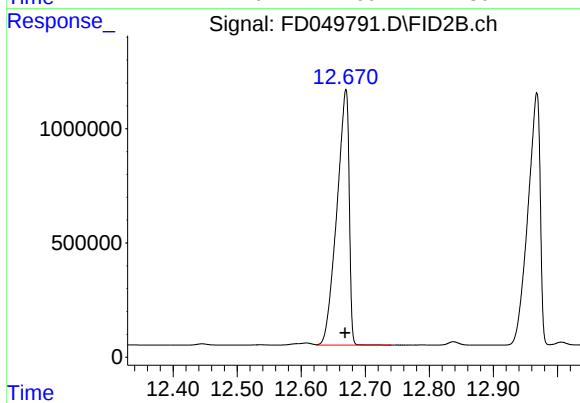
#10 Anthracene (C19.43)

R.T.: 10.929 min
Delta R.T.: 0.000 min
Response: 14050883
Conc: 105.57 ug/ml



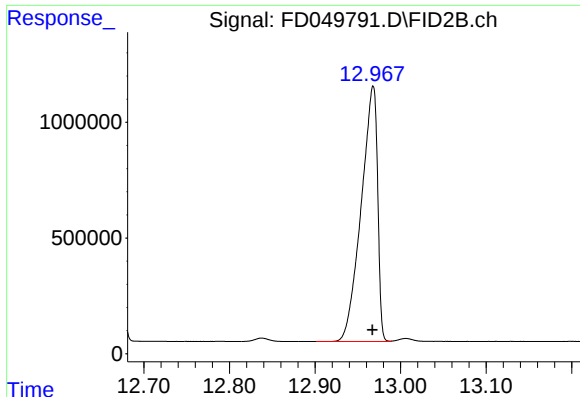
#11 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 15083328
Conc: 104.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 14846106
Conc: 105.94 ug/ml



#13 Pyrene (C20.8)

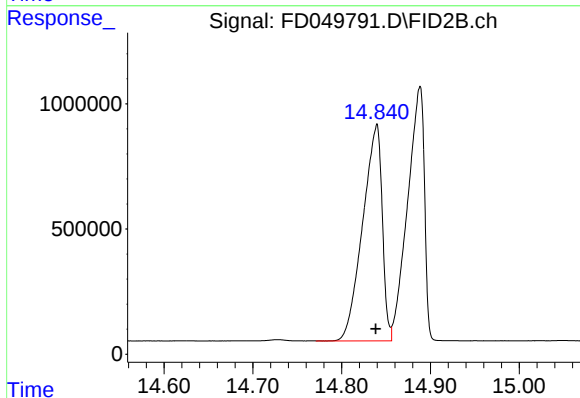
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 14684165
Conc: 105.91 ug/ml

Instrument :

FID_D

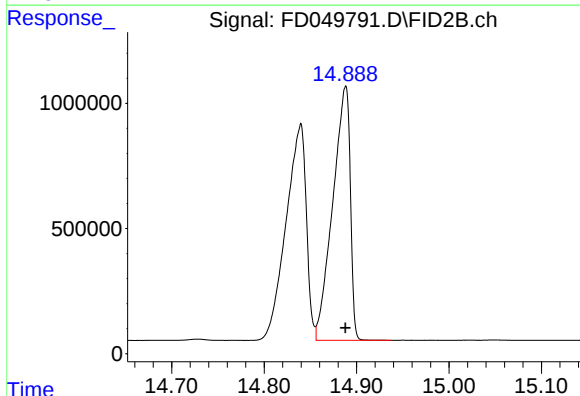
ClientSampleId :

100 PPM AROMATIC HC STD1



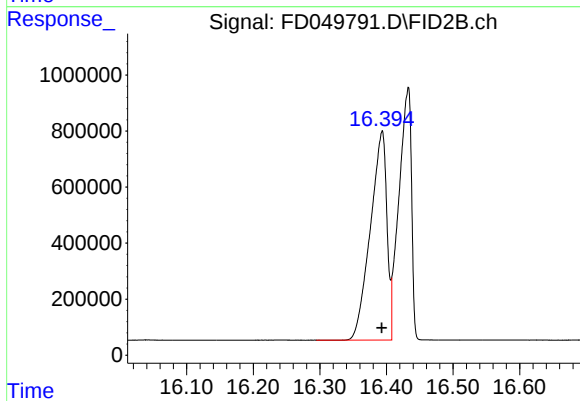
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.838 min
Delta R.T.: 0.000 min
Response: 13181939
Conc: 106.44 ug/ml



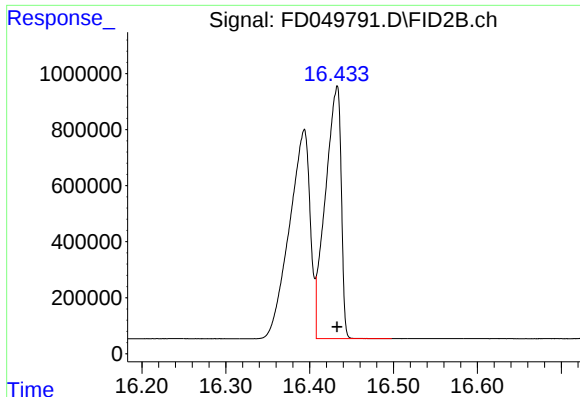
#15 Chrysene (C27.41)

R.T.: 14.887 min
Delta R.T.: -0.001 min
Response: 13333384
Conc: 106.10 ug/ml



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

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 12901391
Conc: 105.86 ug/ml



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

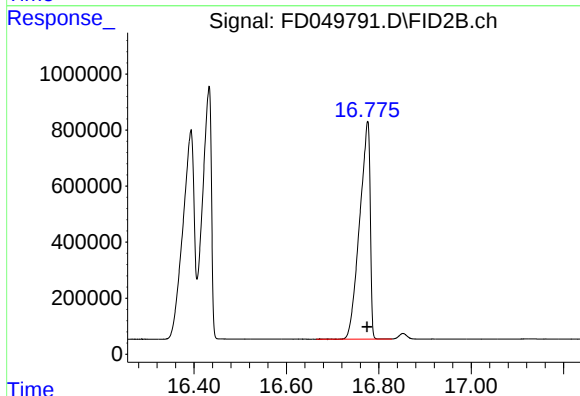
R.T.: 16.431 min
Delta R.T.: -0.001 min
Response: 11752195
Conc: 104.88 ug/ml

Instrument :

FID_D

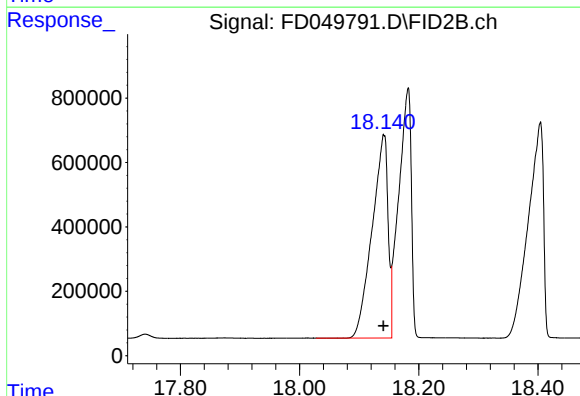
ClientSampleId :

100 PPM AROMATIC HC STD1



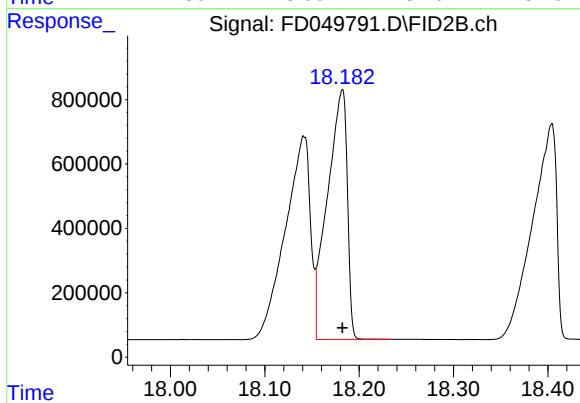
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: 0.000 min
Response: 12308141
Conc: 104.50 ug/ml



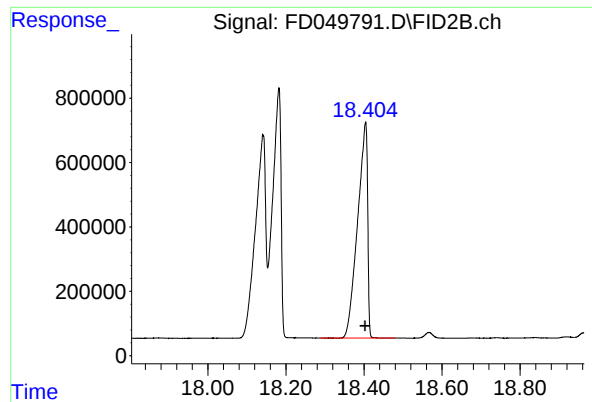
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 11738329
Conc: 106.00 ug/ml



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

R.T.: 18.181 min
Delta R.T.: -0.002 min
Response: 11303844
Conc: 101.56 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.000 min
Response: 11913859
Conc: 103.22 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049791.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 09:40
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.492	4.425	4.533	BV	1319000	11695090	77.24%	4.207%
2	6.037	5.974	6.131	BB	1444484	13732370	90.70%	4.939%
3	7.093	7.045	7.175	PB	1418085	14358809	94.83%	5.165%
4	7.702	7.638	7.775	BV	1216067	12297466	81.22%	4.423%
5	8.374	8.291	8.461	BB	1421582	14927854	98.59%	5.369%
6	8.569	8.495	8.630	BV	830910	8829631	58.32%	3.176%
7	8.672	8.630	8.738	PB	1346512	14932454	98.62%	5.371%
8	9.453	9.378	9.521	BB	1336922	15004127	99.09%	5.397%
9	10.852	10.810	10.884	VV	1197341	15141178	100.00%	5.446%
10	10.929	10.884	10.979	VV	1160005	14050883	92.80%	5.054%
11	11.617	11.538	11.671	BB	1316909	15083328	99.62%	5.425%
12	12.669	12.623	12.741	VB	1102573	14846106	98.05%	5.340%
13	12.967	12.901	12.989	BV	1117406	14684165	96.98%	5.282%
14	14.838	14.771	14.856	BV	849446	13181939	87.06%	4.741%
15	14.887	14.856	14.938	VB	1025959	13333384	88.06%	4.796%
16	16.393	16.294	16.408	BV	736440	12901391	85.21%	4.641%
17	16.431	16.408	16.498	VB	890029	11752195	77.62%	4.227%
18	16.775	16.665	16.828	BV	773862	12308141	81.29%	4.427%
19	18.141	18.028	18.155	BV	634651	11738329	77.53%	4.222%
20	18.181	18.155	18.235	VB	773957	11303844	74.66%	4.066%
21	18.403	18.288	18.481	BB	683316	11913859	78.69%	4.285%
Sum of corrected areas:						278016541		

Aromatic EPH 100225.M Thu Oct 02 17:58:02 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049792.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 10:21
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 02 12:24:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 12:20:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

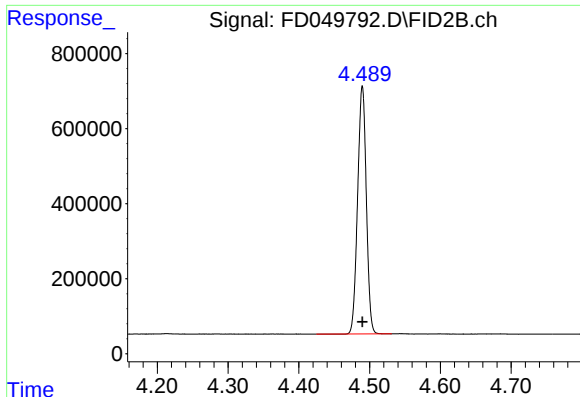
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.698	5936602	50.546 ug/ml
Spiked Amount 50.000		Recovery =	101.09%
6) S 2-Fluorobiphenyl (SURR)	8.563	4268561	50.672 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.34%
11) S ortho-Terphenyl (SURR)	11.610	7350792	50.513 ug/ml
Spiked Amount 50.000		Recovery =	101.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	5643594	50.523 ug/ml
2) T Naphthalene (C11.7)	6.033	6603268	50.532 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	6914911	50.558 ug/ml
5) T Acenaphthylene (C15.06)	8.367	7224358	50.454 ug/ml
7) T Acenaphthene (C15.5)	8.664	7230086	50.490 ug/ml
8) T Flouorene (C16.55)	9.445	7263851	50.525 ug/ml
9) T Phenanthrene (C19.36)	10.843	7319229	50.600 ug/ml
10) T Anthracene (C19.43)	10.919	6813530	50.788 ug/ml
12) T Fluoranthene (C21.85)	12.658	7188398	50.857 ug/ml
13) T Pyrene (C20.8)	12.956	7092864	50.767 ug/ml
14) T Benzo[a]anthracene (C...	14.828	6386519	51.035 ug/ml
15) T Chrysene (C27.41)	14.873	6476246	50.982 ug/ml
16) T benzo[b]fluoranthene ...	16.380	6243749	50.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5846863	51.082 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	6034196	50.816 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	5612991	50.454 ug/ml
20) T Dibenz[a,h]anthracene...	18.165	5854820	51.392 ug/ml
21) T Benzo[g,h,i]perylene ...	18.384	5892870	50.698 ug/ml

(f)=RT Delta > 1/2 Window

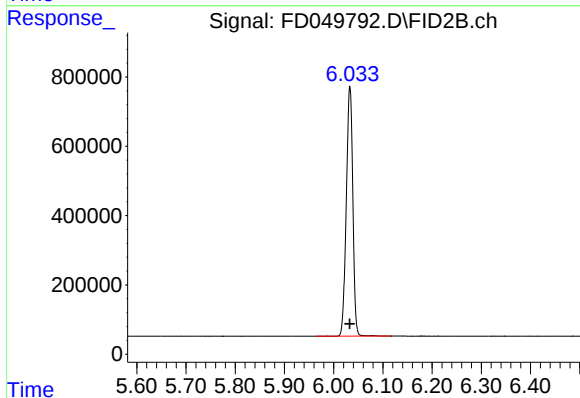
(m)=manual int.



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

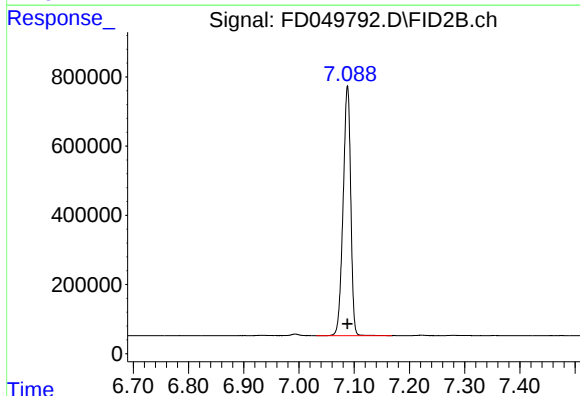
R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 5643594
Conc: 50.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



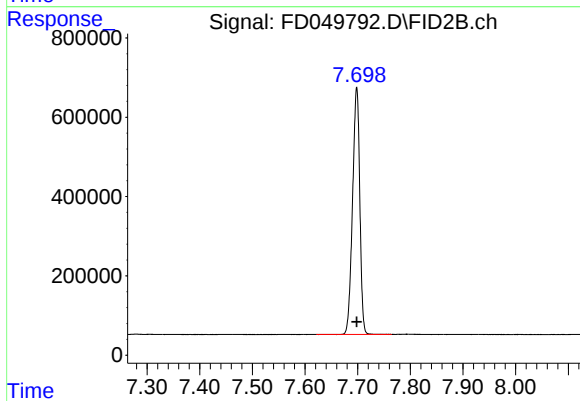
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 6603268
Conc: 50.53 ug/ml



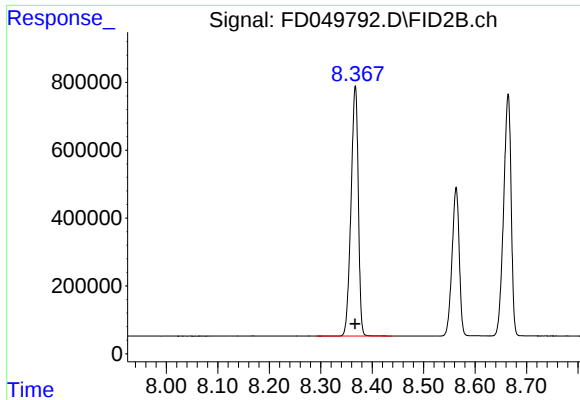
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 6914911
Conc: 50.56 ug/ml



#4 2-Bromonaphthalene (SURR)

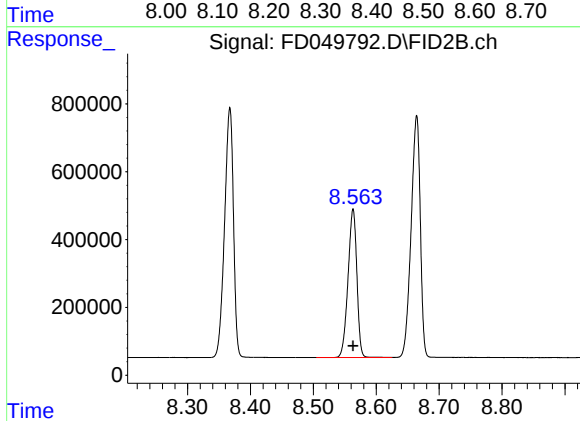
R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 5936602
Conc: 50.55 ug/ml



#5 Acenaphthylene (C15.06)

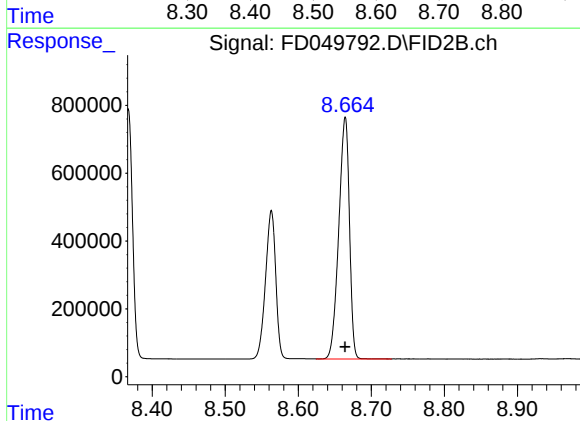
R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 7224358
Conc: 50.45 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



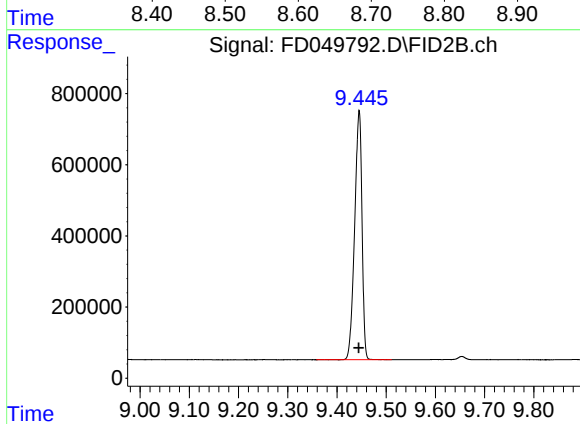
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 4268561
Conc: 50.67 ug/ml



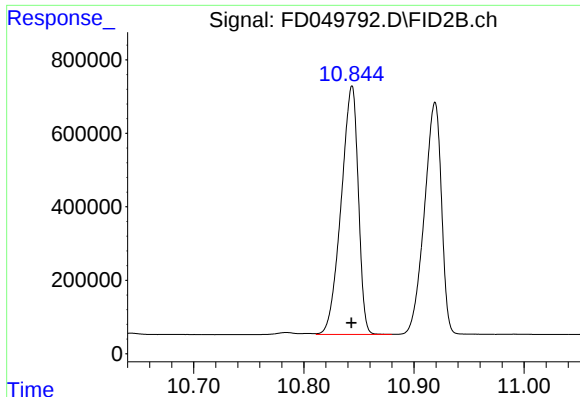
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 7230086
Conc: 50.49 ug/ml



#8 Flouorene (C16.55)

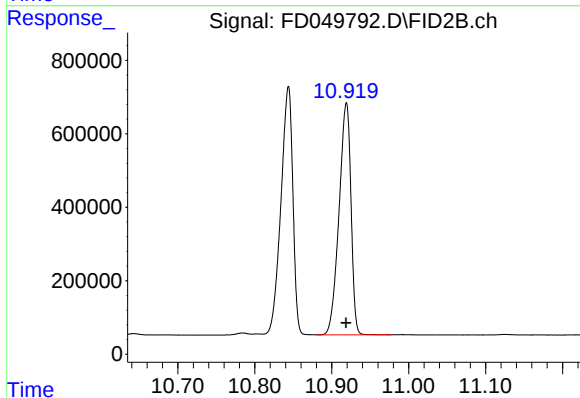
R.T.: 9.445 min
Delta R.T.: 0.000 min
Response: 7263851
Conc: 50.53 ug/ml



#9 Phenanthrene (C19.36)

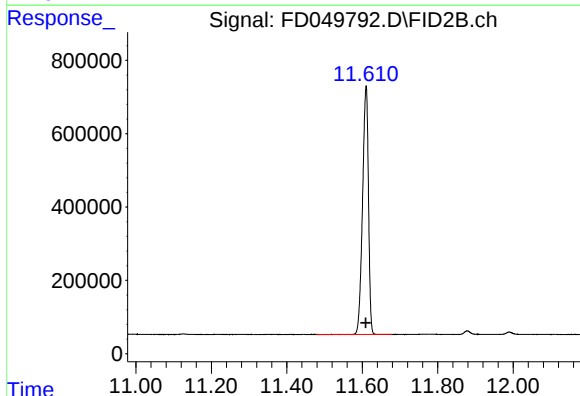
R.T.: 10.843 min
Delta R.T.: 0.000 min
Response: 7319229
Conc: 50.60 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



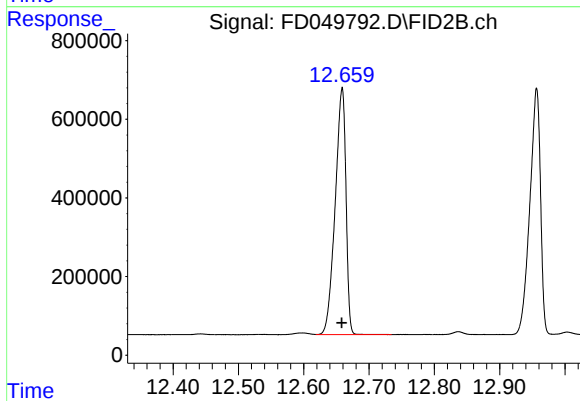
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.000 min
Response: 6813530
Conc: 50.79 ug/ml



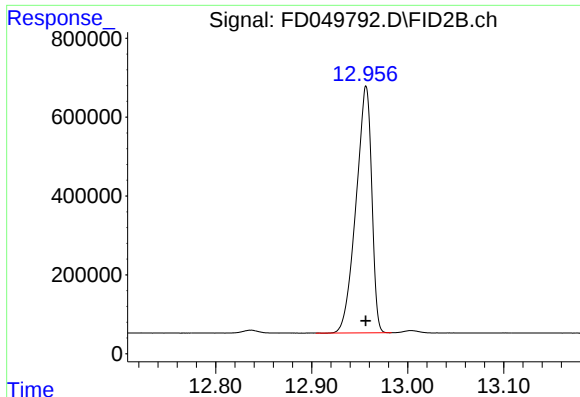
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 7350792
Conc: 50.51 ug/ml



#12 Fluoranthene (C21.85)

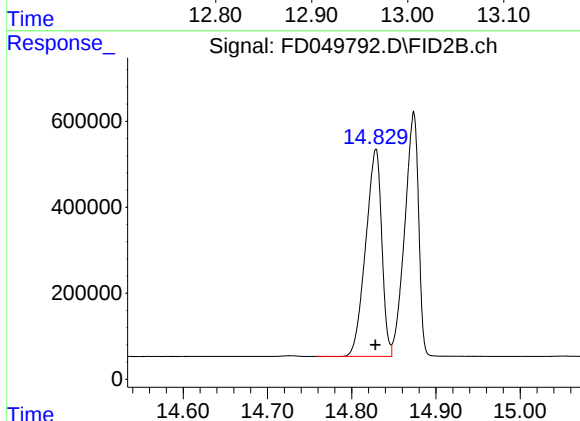
R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 7188398
Conc: 50.86 ug/ml



#13 Pyrene (C20.8)

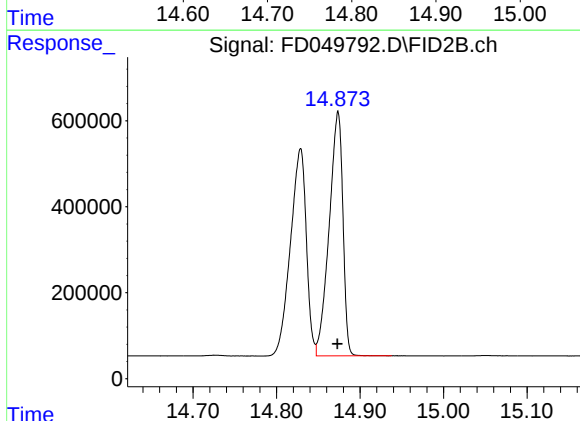
R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 7092864
Conc: 50.77 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



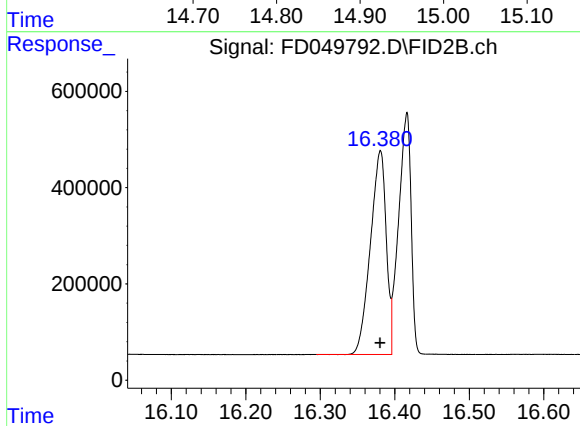
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.000 min
Response: 6386519
Conc: 51.03 ug/ml



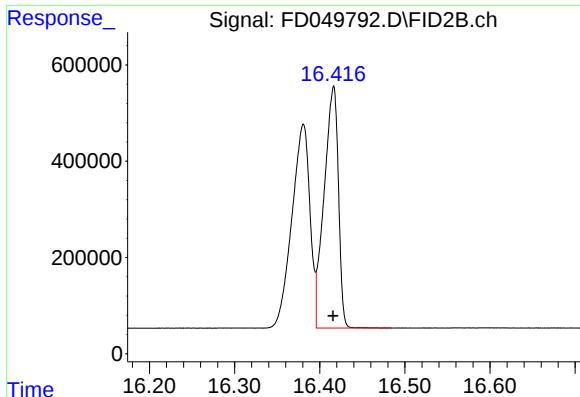
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.000 min
Response: 6476246
Conc: 50.98 ug/ml



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

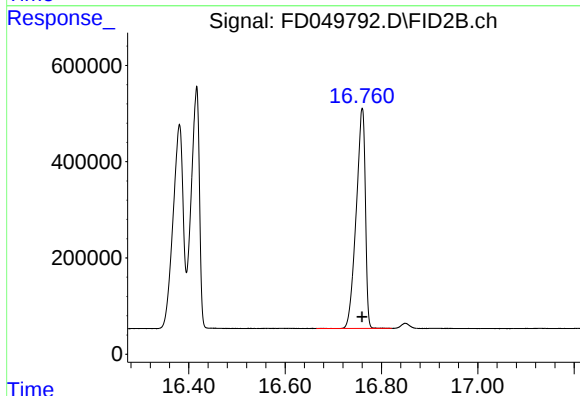
R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 6243749
Conc: 50.81 ug/ml



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

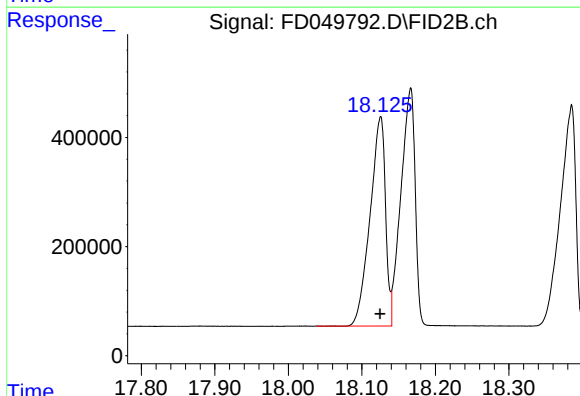
R.T.: 16.415 min
Delta R.T.: 0.000 min
Response: 5846863
Conc: 51.08 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



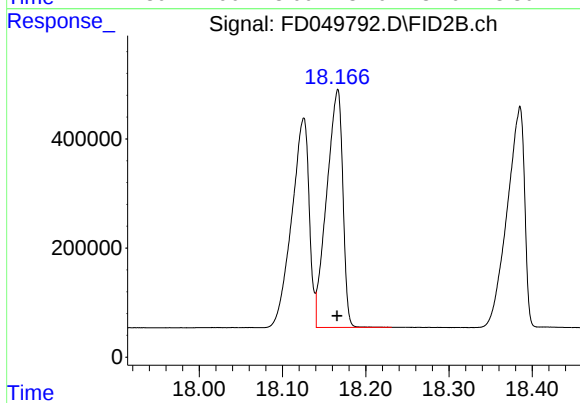
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 6034196
Conc: 50.82 ug/ml



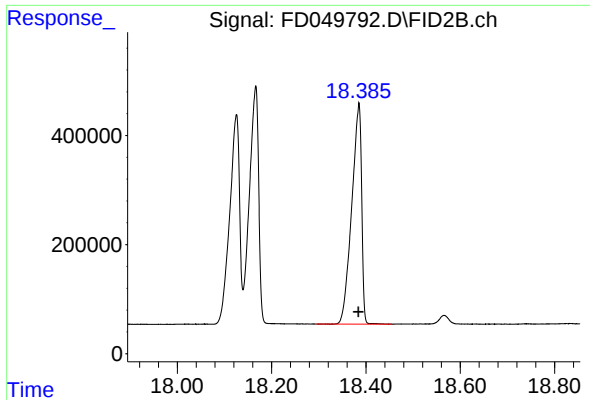
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: 0.000 min
Response: 5612991
Conc: 50.45 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.000 min
Response: 5854820
Conc: 51.39 ug/ml



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

R.T.: 18.384 min
Delta R.T.: 0.000 min
Response: 5892870
Conc: 50.70 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049792.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 10:21
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.490	4.425	4.531	BV	661526	5643594	76.78%	4.174%
2	6.033	5.965	6.118	BB	722570	6603268	89.83%	4.884%
3	7.088	7.031	7.168	BB	724086	6914911	94.07%	5.115%
4	7.698	7.621	7.765	BB	623253	5936602	80.76%	4.391%
5	8.367	8.291	8.438	BB	743744	7224358	98.28%	5.344%
6	8.563	8.505	8.625	BV	439623	4268561	58.07%	3.157%
7	8.664	8.625	8.728	VB	718474	7230086	98.36%	5.348%
8	9.445	9.358	9.511	BB	698034	7263851	98.82%	5.373%
9	10.843	10.811	10.880	VV	688674	7319229	99.57%	5.414%
10	10.919	10.880	10.978	VV	628007	6813530	92.69%	5.040%
11	11.610	11.478	11.678	BB	688148	7350792	100.00%	5.437%
12	12.658	12.619	12.735	VB	624135	7188398	97.79%	5.317%
13	12.956	12.905	12.983	BV	633798	7092864	96.49%	5.246%
14	14.828	14.758	14.848	BV	481130	6386519	86.88%	4.724%
15	14.873	14.848	14.938	VB	576139	6476246	88.10%	4.790%
16	16.380	16.295	16.396	BV	426151	6243749	84.94%	4.618%
17	16.415	16.396	16.485	VB	493670	5846863	79.54%	4.325%
18	16.760	16.665	16.821	BB	464139	6034196	82.09%	4.463%
19	18.125	18.038	18.141	BV	382665	5612991	76.36%	4.152%
20	18.165	18.141	18.231	VB	429797	5854820	79.65%	4.331%
21	18.384	18.295	18.455	BB	403239	5892870	80.17%	4.359%
Sum of corrected areas:						135198299		

Aromatic EPH 100225.M Thu Oct 02 17:58:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049793.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 11:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 02 12:20:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 12:20:25 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...	7.696	2212860	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.560	1580957	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.606	2774324	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2105689	20.000 ug/ml
2) T Naphthalene (C11.7)	6.031	2452776	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2568613	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2715957	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.659	2713353	20.000 ug/ml
8) T Flouorene (C16.55)	9.441	2719657	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.838	2722986	20.000 ug/ml
10) T Anthracene (C19.43)	10.912	2513829	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.651	2636091	20.000 ug/ml
13) T Pyrene (C20.8)	12.949	2608820	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.820	2317428	20.000 ug/ml
15) T Chrysene (C27.41)	14.862	2364660	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.370	2294799	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2178427	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2249495	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	2082064	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2232750	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2234163	20.000 ug/ml

(f)=RT Delta > 1/2 Window

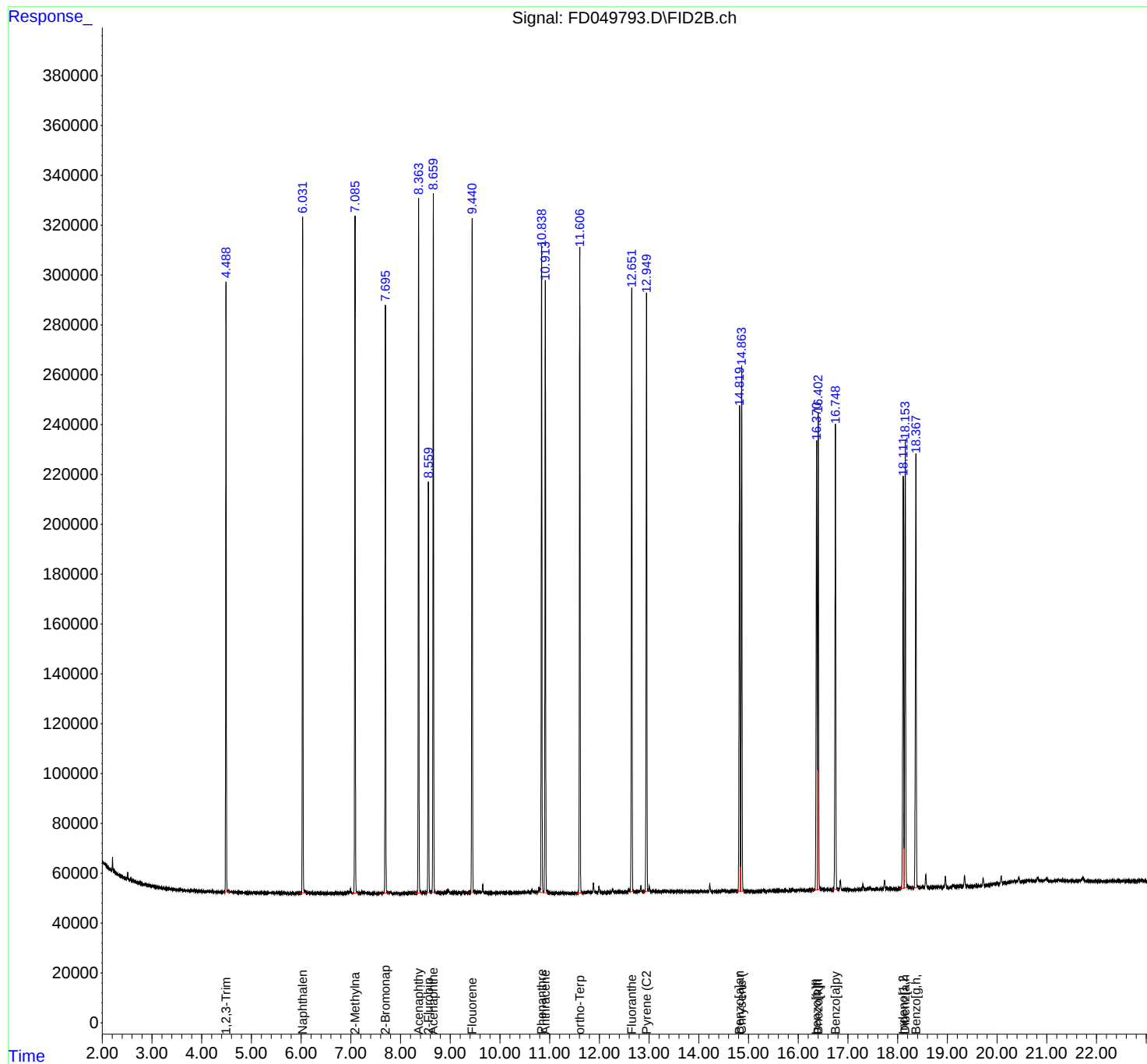
(m)=manual int.

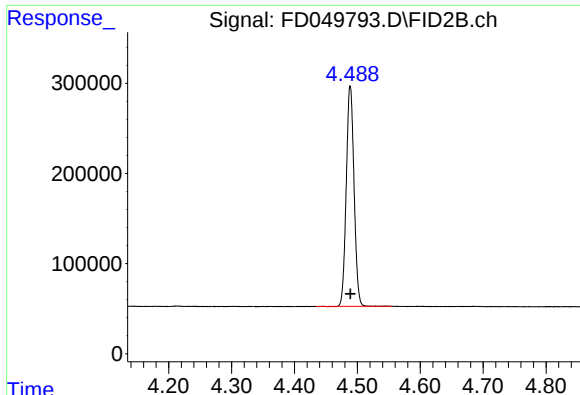
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049793.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 11:03
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 02 12:20:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Thu Oct 02 12:20:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

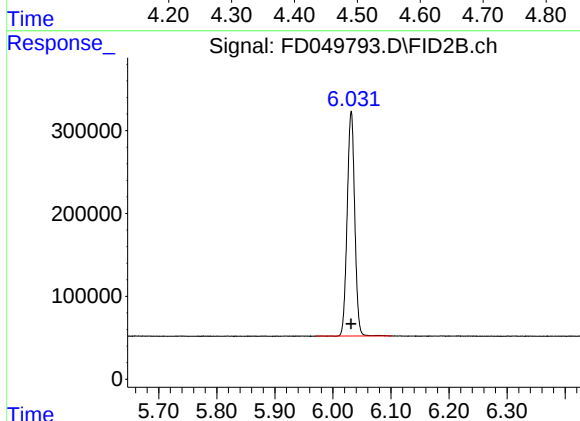




#1 1,2,3-Trimethylbenzene (C10.1)

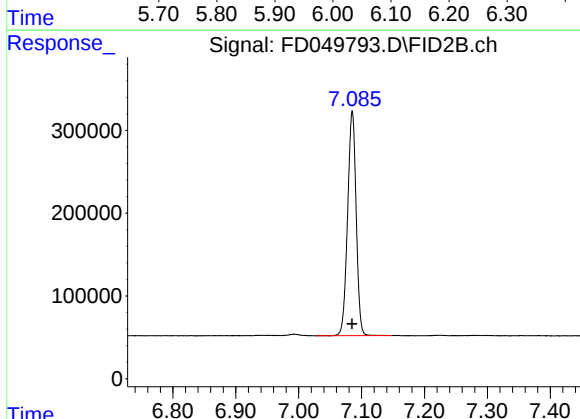
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2105689
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



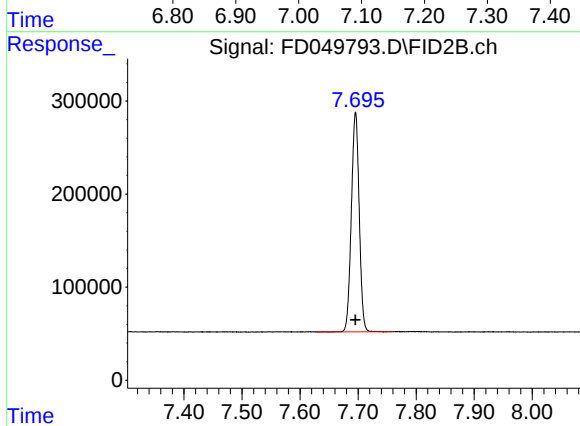
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2452776
Conc: 20.00 ug/ml



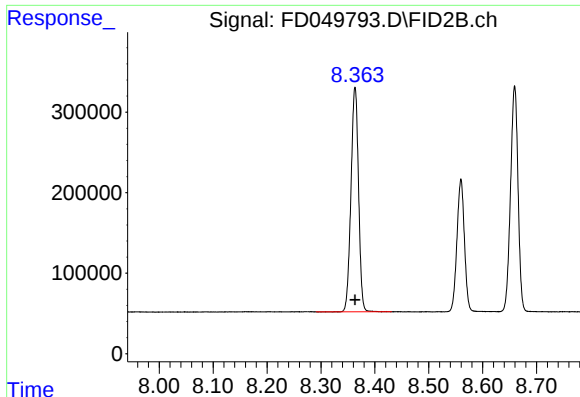
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 2568613
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

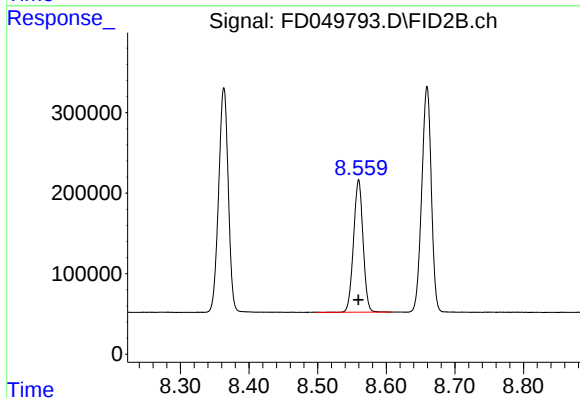
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 2212860
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

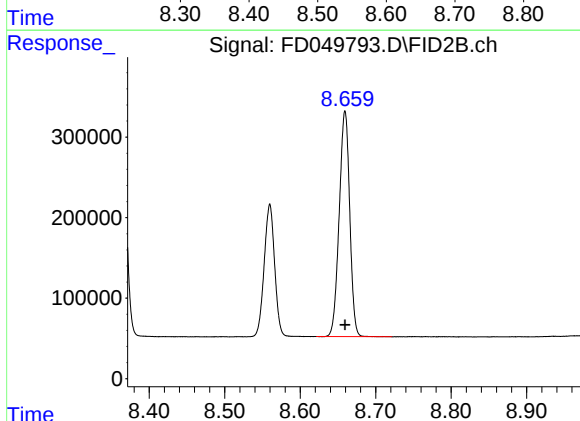
R.T.: 8.363 min
Delta R.T.: 0.000 min
Response: 2715957
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



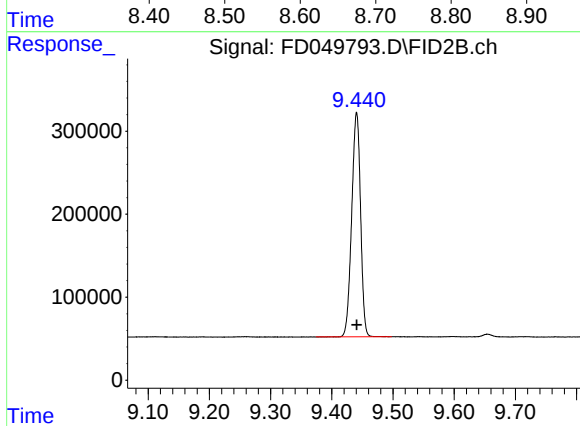
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 1580957
Conc: 20.00 ug/ml



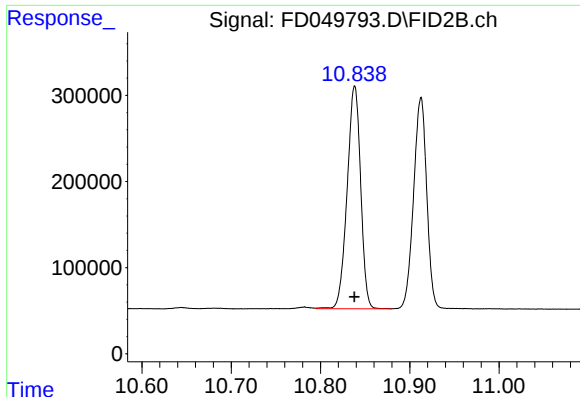
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 2713353
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

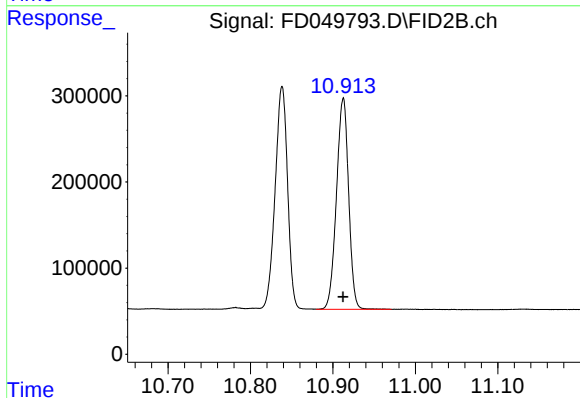
R.T.: 9.441 min
Delta R.T.: 0.000 min
Response: 2719657
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

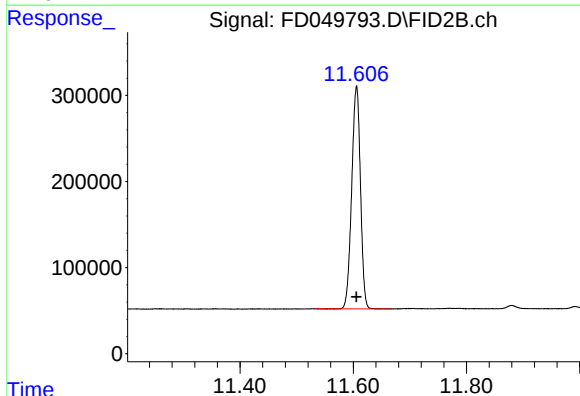
R.T.: 10.838 min
Delta R.T.: 0.000 min
Response: 2722986
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



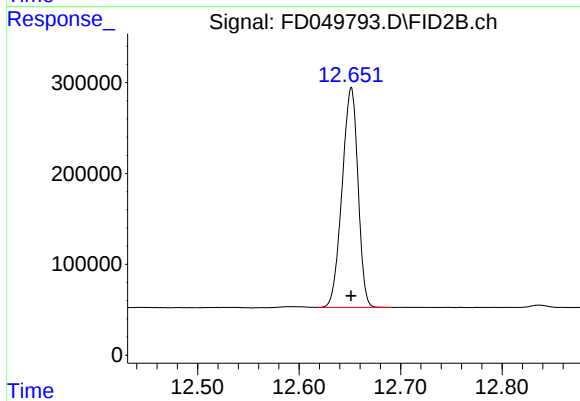
#10 Anthracene (C19.43)

R.T.: 10.912 min
Delta R.T.: 0.000 min
Response: 2513829
Conc: 20.00 ug/ml



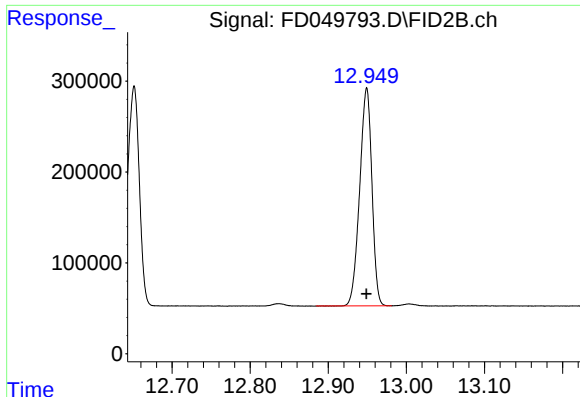
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: 0.000 min
Response: 2774324
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

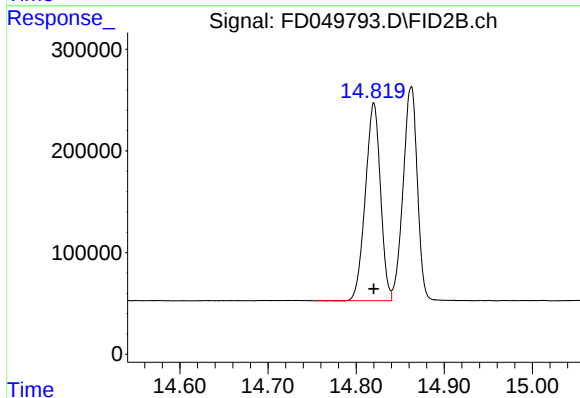
R.T.: 12.651 min
Delta R.T.: 0.000 min
Response: 2636091
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

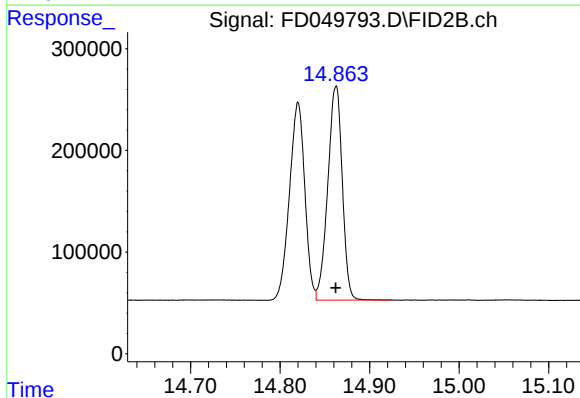
R.T.: 12.949 min
Delta R.T.: 0.000 min
Response: 2608820
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



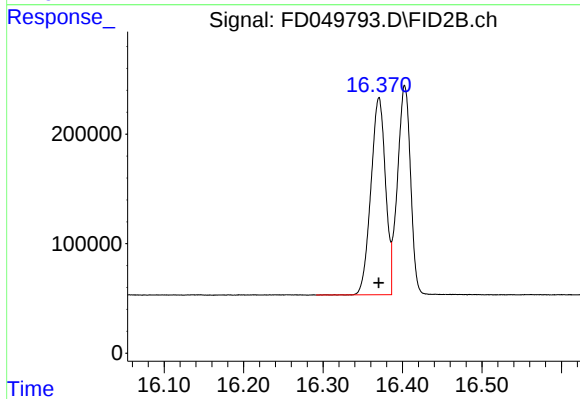
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.820 min
Delta R.T.: 0.000 min
Response: 2317428
Conc: 20.00 ug/ml



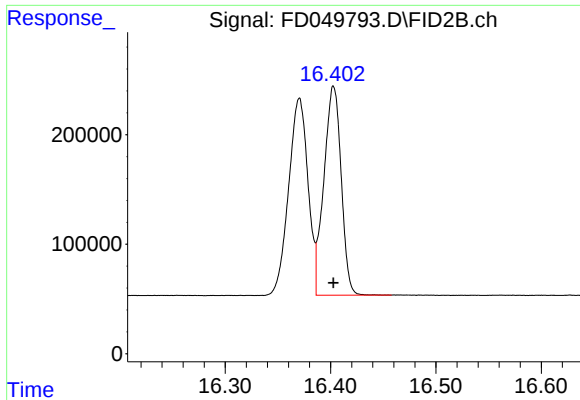
#15 Chrysene (C27.41)

R.T.: 14.862 min
Delta R.T.: 0.000 min
Response: 2364660
Conc: 20.00 ug/ml



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

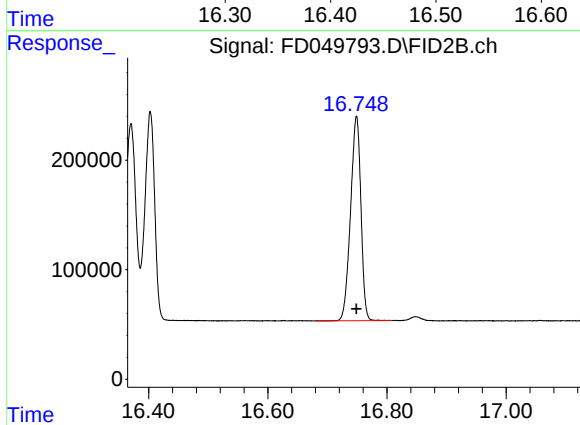
R.T.: 16.370 min
Delta R.T.: 0.000 min
Response: 2294799
Conc: 20.00 ug/ml



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

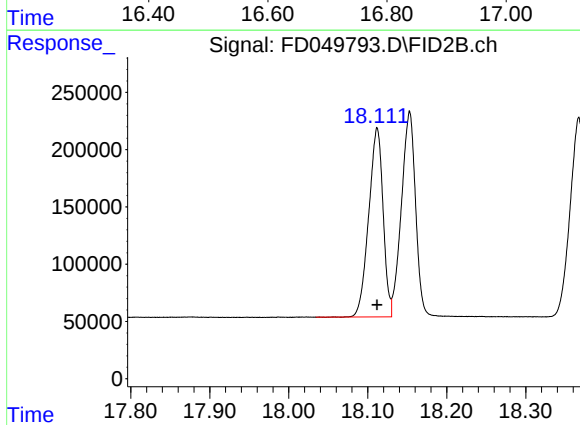
R.T.: 16.403 min
Delta R.T.: 0.000 min
Response: 2178427
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



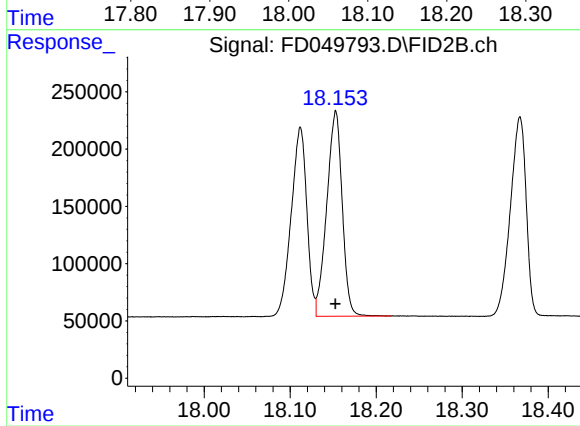
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.000 min
Response: 2249495
Conc: 20.00 ug/ml



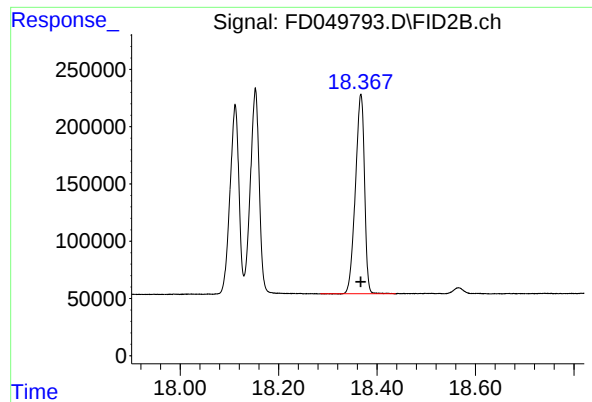
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: 0.000 min
Response: 2082064
Conc: 20.00 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.000 min
Response: 2232750
Conc: 20.00 ug/ml



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

R.T.: 18.367 min
Delta R.T.: 0.000 min
Response: 2234163
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049793.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 11:03
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.489	4.435	4.555	BB	244964	2105689	75.90%	4.188%
2	6.031	5.971	6.101	BB	270363	2452776	88.41%	4.878%
3	7.085	7.028	7.148	BB	270197	2568613	92.59%	5.109%
4	7.696	7.628	7.758	BB	233804	2212860	79.76%	4.401%
5	8.363	8.291	8.431	BB	279944	2715957	97.90%	5.402%
6	8.560	8.498	8.608	BB	164425	1580957	56.99%	3.144%
7	8.659	8.621	8.721	BB	277965	2713353	97.80%	5.397%
8	9.441	9.375	9.498	BB	271187	2719657	98.03%	5.409%
9	10.838	10.795	10.880	VV	259050	2722986	98.15%	5.416%
10	10.912	10.880	10.971	VB	243607	2513829	90.61%	5.000%
11	11.606	11.535	11.668	BB	256870	2774324	100.00%	5.518%
12	12.651	12.617	12.691	VB	242221	2636091	95.02%	5.243%
13	12.949	12.885	12.981	BV	237532	2608820	94.03%	5.189%
14	14.820	14.755	14.840	BV	194958	2317428	83.53%	4.609%
15	14.862	14.840	14.925	VB	210669	2364660	85.23%	4.703%
16	16.370	16.291	16.386	BV	180116	2294799	82.72%	4.564%
17	16.403	16.386	16.458	VB	190261	2178427	78.52%	4.333%
18	16.749	16.681	16.808	BB	186364	2249495	81.08%	4.474%
19	18.112	18.035	18.130	BV	164543	2082064	75.05%	4.141%
20	18.153	18.130	18.218	VB	176381	2232750	80.48%	4.441%
21	18.367	18.285	18.438	BB	174860	2234163	80.53%	4.443%
Sum of corrected areas:							50279698	

Aromatic EPH 100225.M Thu Oct 02 17:59:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049794.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 11:44
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 02 12:26:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 12:20:25 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...	7.695	1121613	9.658 ug/ml
Spiked Amount 50.000		Recovery =	19.32%
6) S 2-Fluorobiphenyl (SURR)	8.559	797850	9.598 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.20%
11) S ortho-Terphenyl (SURR)	11.604	1433684	9.889 ug/ml
Spiked Amount 50.000		Recovery =	19.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	1067300	9.662 ug/ml
2) T Naphthalene (C11.7)	6.031	1240935	9.617 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	1297331	9.609 ug/ml
5) T Acenaphthylene (C15.06)	8.362	1391846	9.789 ug/ml
7) T Acenaphthene (C15.5)	8.658	1385186	9.753 ug/ml
8) T Flouorene (C16.55)	9.439	1387589	9.736 ug/ml
9) T Phenanthrene (C19.36)	10.836	1384009	9.673 ug/ml
10) T Anthracene (C19.43)	10.910	1285293	9.682 ug/ml
12) T Fluoranthene (C21.85)	12.649	1331086	9.557 ug/ml
13) T Pyrene (C20.8)	12.947	1316543	9.561 ug/ml
14) T Benzo[a]anthracene (C...	14.818	1175266	9.537 ug/ml
15) T Chrysene (C27.41)	14.860	1211361	9.648 ug/ml
16) T benzo[b]fluoranthene ...	16.367	1168552	9.628 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	1122024	9.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.745	1152013	9.774 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	1059628	9.639 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	1201776	10.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.362	1152773	9.938 ug/ml

(f)=RT Delta > 1/2 Window

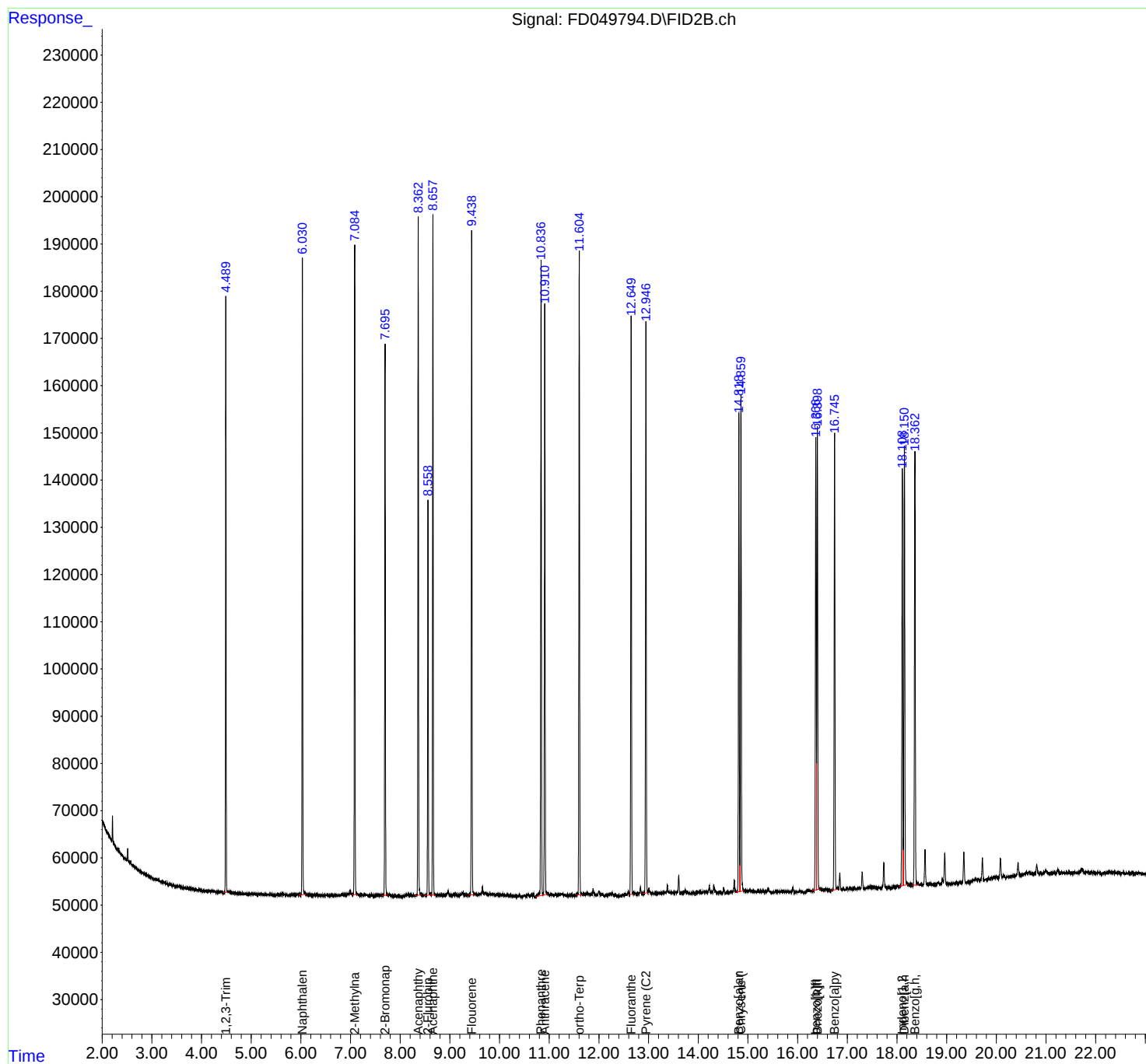
(m)=manual int.

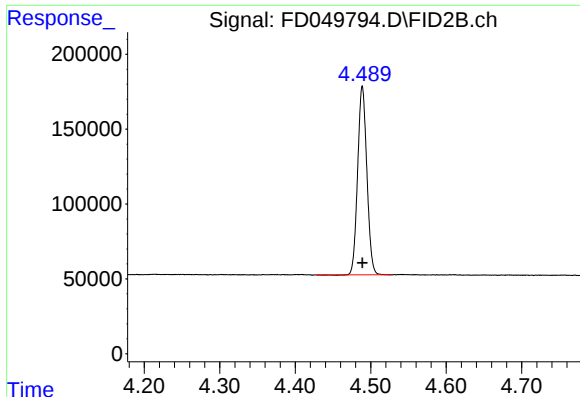
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049794.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 11:44
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 02 12:26:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Thu Oct 02 12:20:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

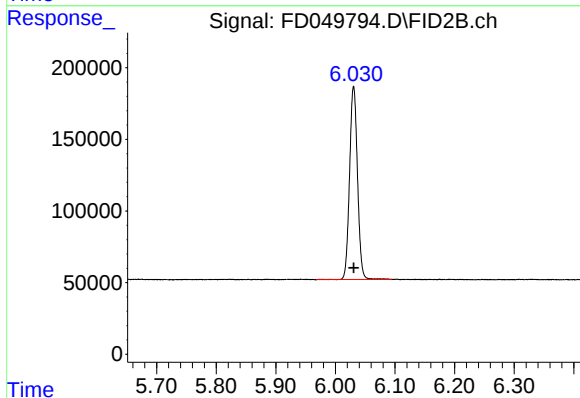




#1 1,2,3-Trimethylbenzene (C10.1)

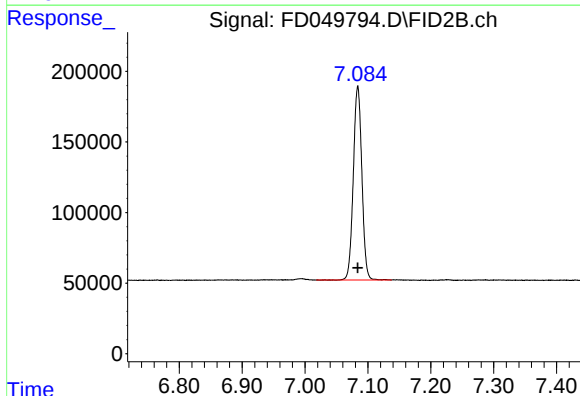
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 1067300
Conc: 9.66 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



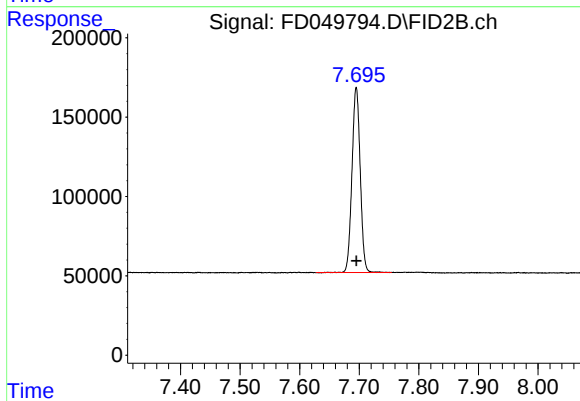
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 1240935
Conc: 9.62 ug/ml



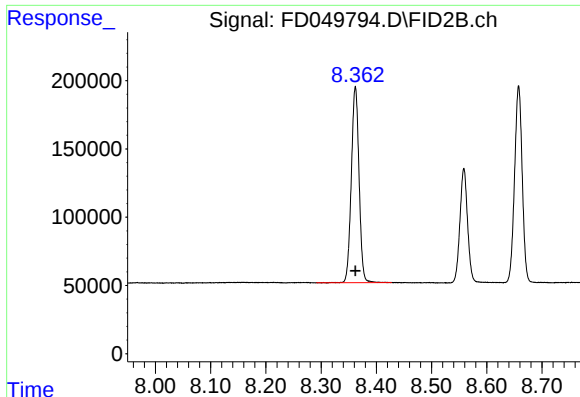
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 1297331
Conc: 9.61 ug/ml



#4 2-Bromonaphthalene (SURR)

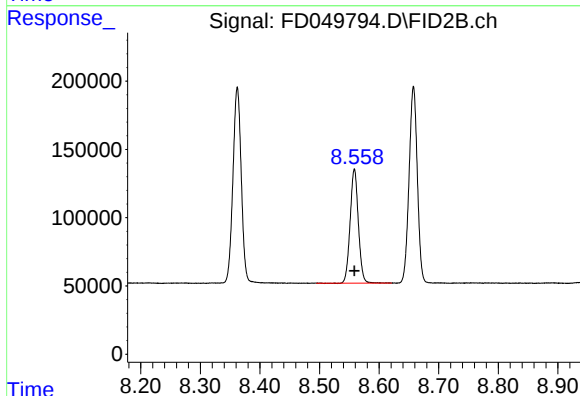
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 1121613
Conc: 9.66 ug/ml



#5 Acenaphthylene (C15.06)

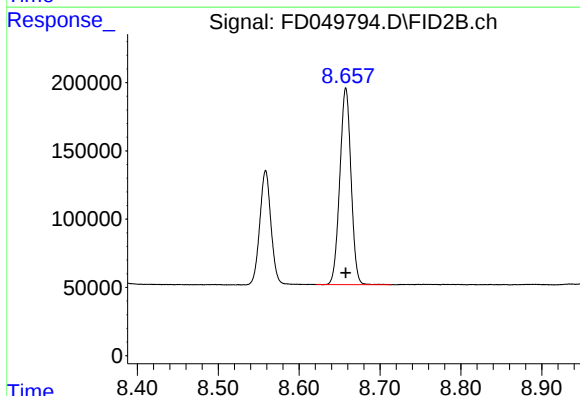
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 1391846
Conc: 9.79 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



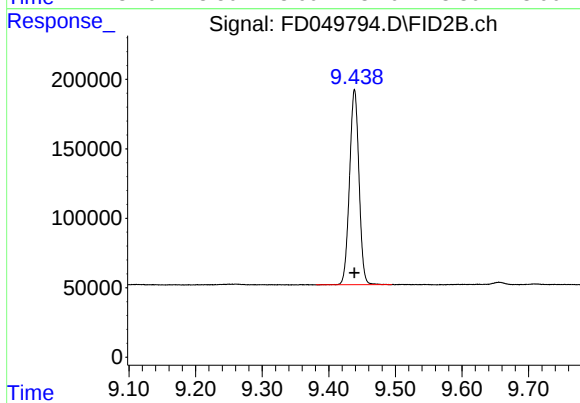
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 797850
Conc: 9.60 ug/ml



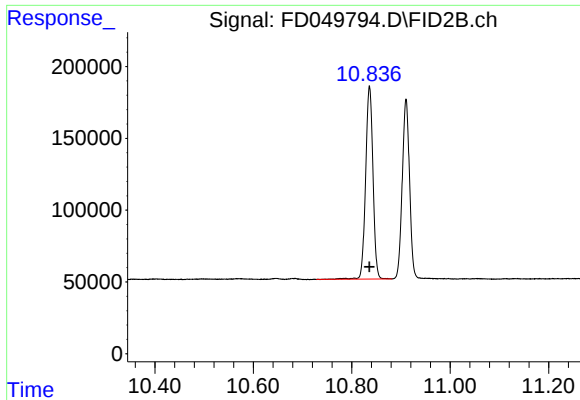
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 1385186
Conc: 9.75 ug/ml



#8 Fluorene (C16.55)

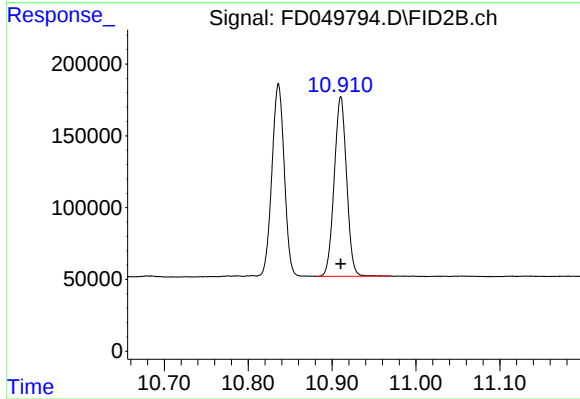
R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 1387589
Conc: 9.74 ug/ml



#9 Phenanthrene (C19.36)

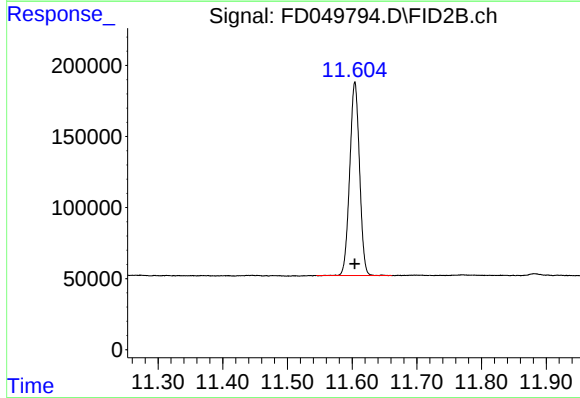
R.T.: 10.836 min
Delta R.T.: 0.000 min
Response: 1384009
Conc: 9.67 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



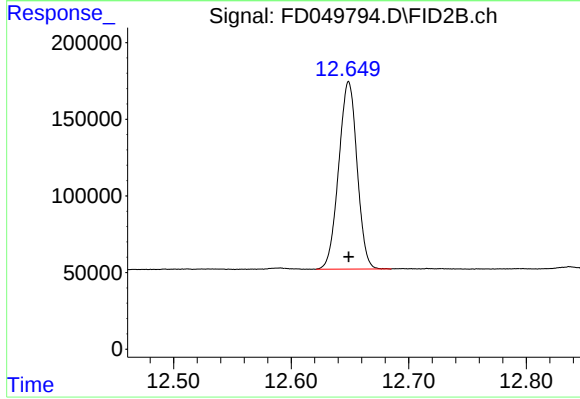
#10 Anthracene (C19.43)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 1285293
Conc: 9.68 ug/ml



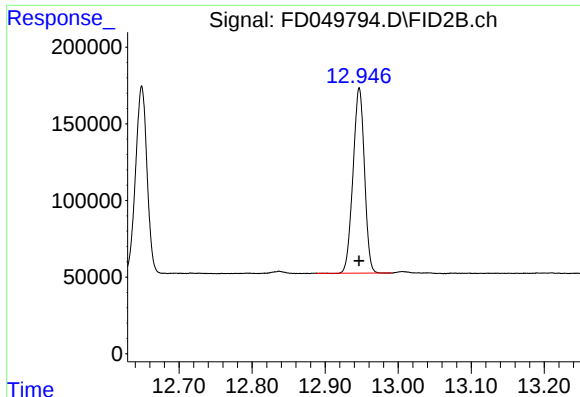
#11 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 1433684
Conc: 9.89 ug/ml



#12 Fluoranthene (C21.85)

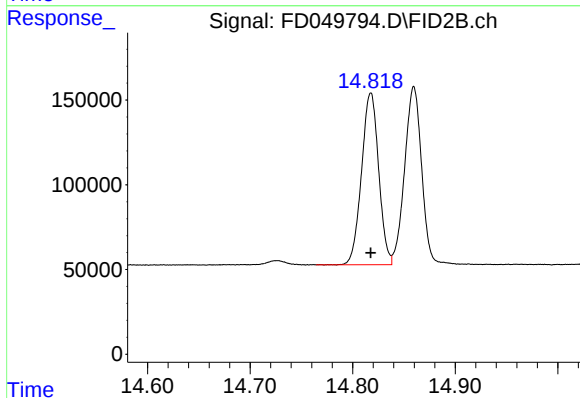
R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 1331086
Conc: 9.56 ug/ml



#13 Pyrene (C20.8)

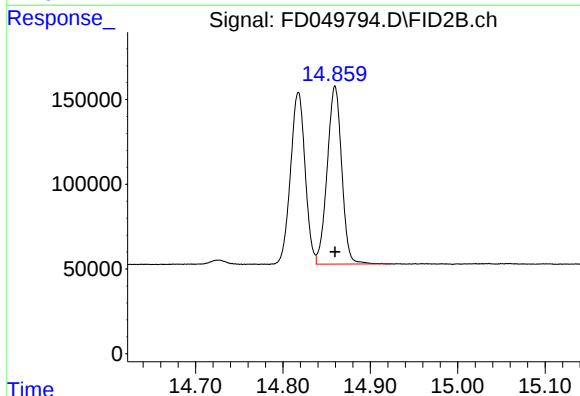
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 1316543
Conc: 9.56 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



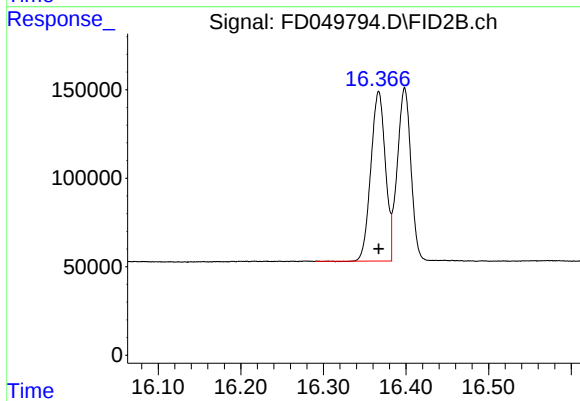
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 1175266
Conc: 9.54 ug/ml



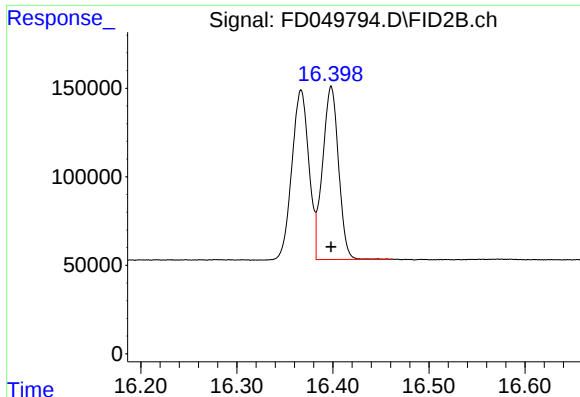
#15 Chrysene (C27.41)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 1211361
Conc: 9.65 ug/ml



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

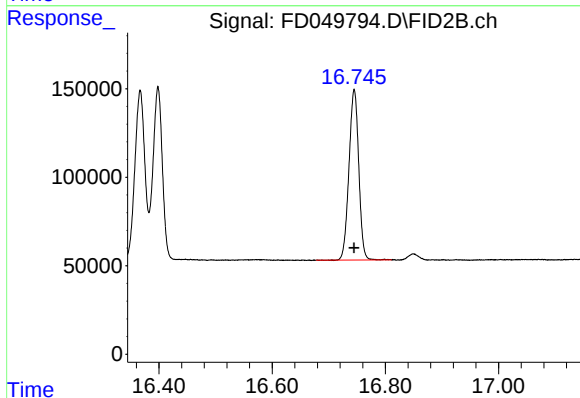
R.T.: 16.367 min
Delta R.T.: 0.000 min
Response: 1168552
Conc: 9.63 ug/ml



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

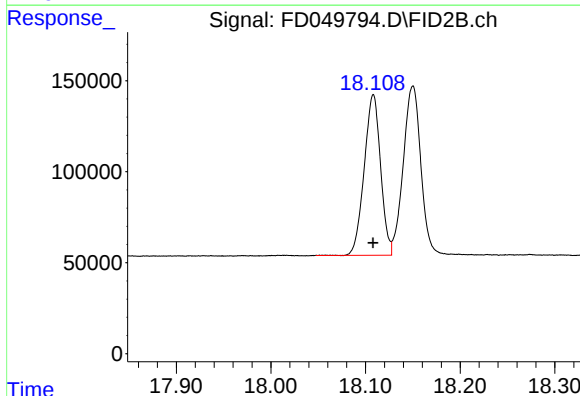
R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 1122024
Conc: 9.85 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



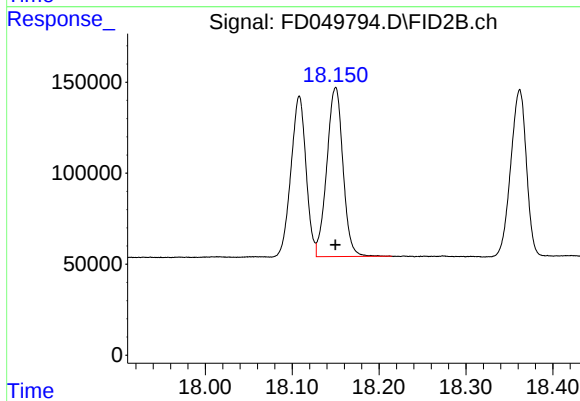
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.745 min
Delta R.T.: 0.000 min
Response: 1152013
Conc: 9.77 ug/ml



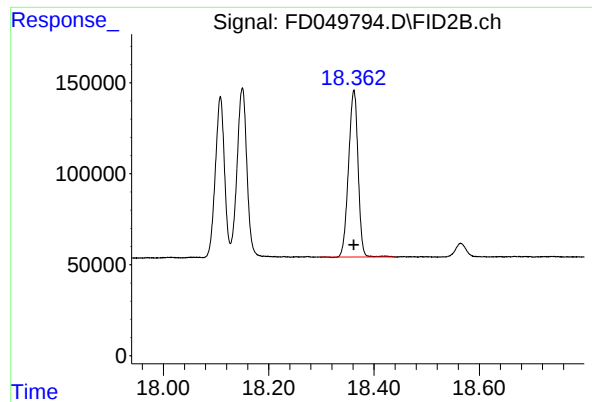
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 1059628
Conc: 9.64 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 1201776
Conc: 10.41 ug/ml



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

R.T.: 18.362 min
Delta R.T.: 0.000 min
Response: 1152773
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049794.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 11:44
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.489	4.428	4.528	BB	124889	1067300	74.44%	4.156%
2	6.031	5.968	6.094	BB	134670	1240935	86.56%	4.832%
3	7.084	7.018	7.138	BB	136894	1297331	90.49%	5.051%
4	7.695	7.628	7.754	BB	116650	1121613	78.23%	4.367%
5	8.362	8.291	8.428	BB	142959	1391846	97.08%	5.419%
6	8.559	8.494	8.621	BB	83215	797850	55.65%	3.106%
7	8.658	8.621	8.714	BB	143942	1385186	96.62%	5.393%
8	9.439	9.381	9.494	BB	139735	1387589	96.78%	5.403%
9	10.836	10.728	10.881	BV	132859	1384009	96.54%	5.389%
10	10.910	10.881	10.971	VB	125294	1285293	89.65%	5.004%
11	11.604	11.544	11.661	BB	136171	1433684	100.00%	5.582%
12	12.649	12.621	12.685	BB	121892	1331086	92.84%	5.183%
13	12.947	12.888	12.991	BV	121005	1316543	91.83%	5.126%
14	14.818	14.764	14.838	BV	101559	1175266	81.98%	4.576%
15	14.860	14.838	14.924	VB	105058	1211361	84.49%	4.716%
16	16.367	16.291	16.382	BV	96093	1168552	81.51%	4.550%
17	16.398	16.382	16.461	VB	97624	1122024	78.26%	4.369%
18	16.745	16.678	16.811	BB	96277	1152013	80.35%	4.485%
19	18.108	18.048	18.128	BV	88268	1059628	73.91%	4.126%
20	18.150	18.128	18.214	VB	93493	1201776	83.82%	4.679%
21	18.362	18.298	18.441	BB	91459	1152773	80.41%	4.488%
Sum of corrected areas:							25683659	

Aromatic EPH 100225.M Thu Oct 02 17:59:38 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049795.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 12:26
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 02 17:49:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:49:01 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...	7.695	647815	5.452 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
6) S 2-Fluorobiphenyl (SURR)	8.559	460004	5.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.84%
11) S ortho-Terphenyl (SURR)	11.605	832449	5.576 ug/ml
Spiked Amount 50.000		Recovery =	11.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	631885	5.560 ug/ml
2) T Naphthalene (C11.7)	6.031	717794	5.440 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	758806	5.484 ug/ml
5) T Acenaphthylene (C15.06)	8.362	808838	5.536 ug/ml
7) T Acenaphthene (C15.5)	8.657	799705	5.492 ug/ml
8) T Fluorene (C16.55)	9.438	800622	5.482 ug/ml
9) T Phenanthrene (C19.36)	10.836	792782	5.423 ug/ml
10) T Anthracene (C19.43)	10.910	742335	5.463 ug/ml
12) T Fluoranthene (C21.85)	12.649	775923	5.446 ug/ml
13) T Pyrene (C20.8)	12.946	760412	5.409 ug/ml
14) T Benzo[a]anthracene (C...	14.817	679446	5.402 ug/ml
15) T Chrysene (C27.41)	14.858	700625	5.454 ug/ml
16) T benzo[b]fluoranthene ...	16.366	686760	5.513 ug/ml
17) T Bnezo[k]fluoranthene ...	16.397	658709	5.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	676758	5.577 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.107	612429	5.447 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	746709	6.108 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	670210	5.604 ug/ml

(f)=RT Delta > 1/2 Window

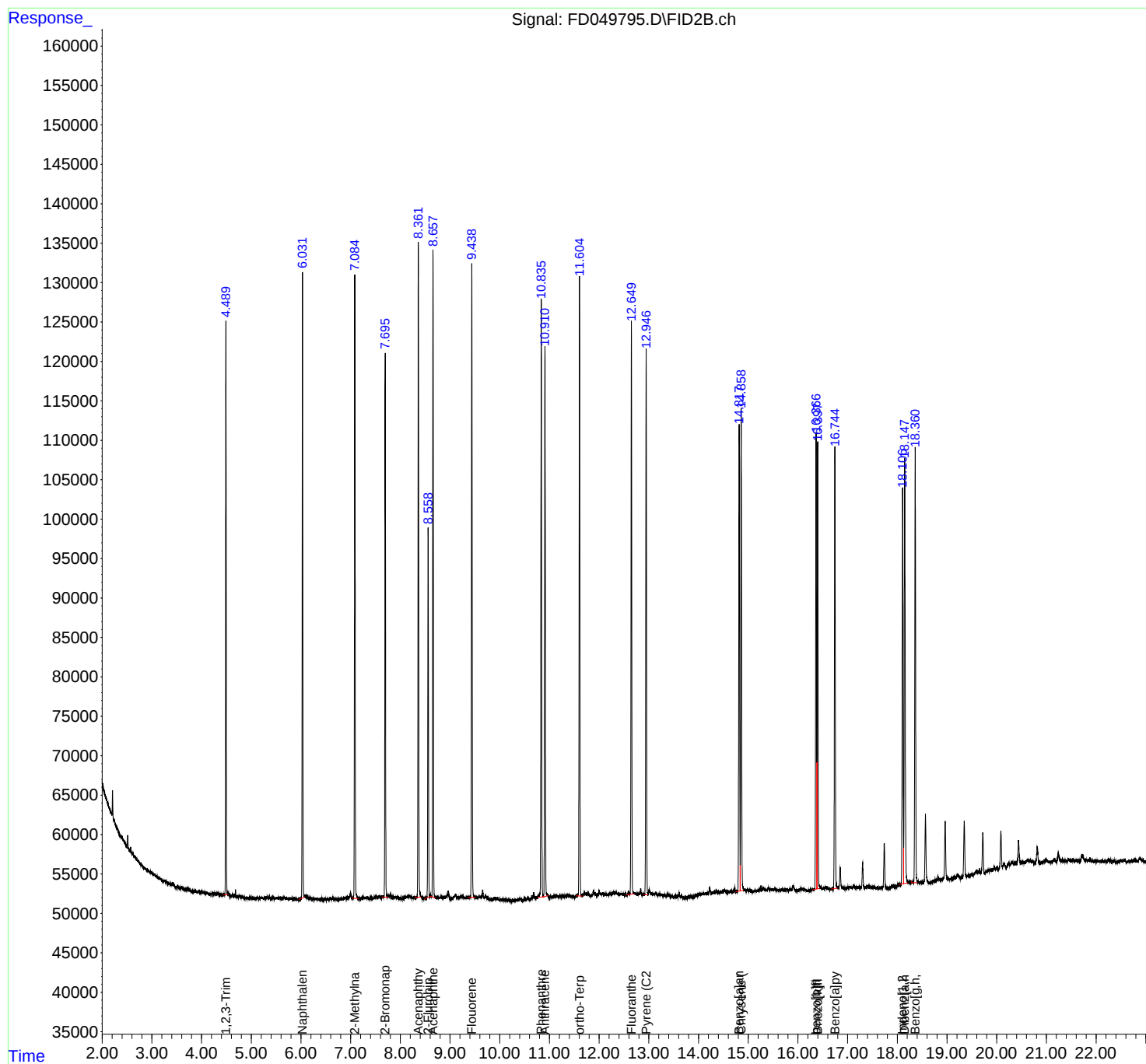
(m)=manual int.

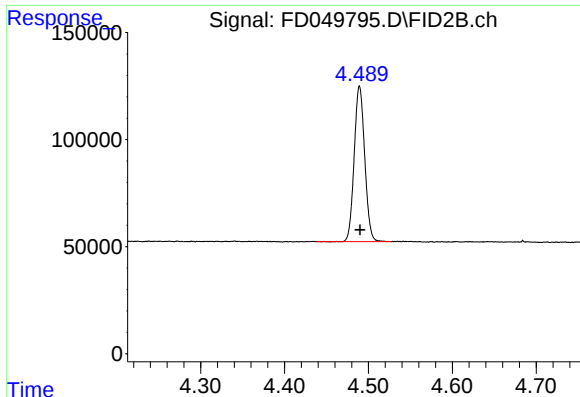
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049795.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 12:26
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 02 17:49:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Thu Oct 02 17:49:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

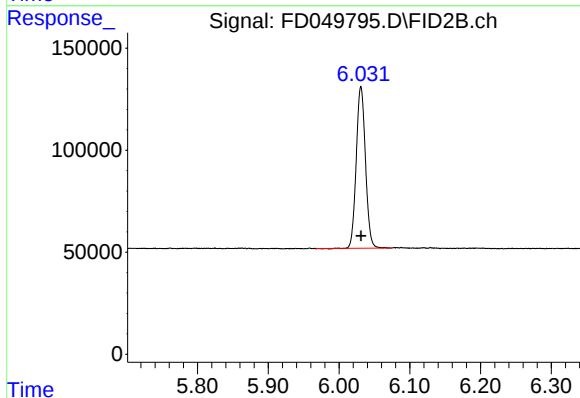




#1 1,2,3-Trimethylbenzene (C10.1)

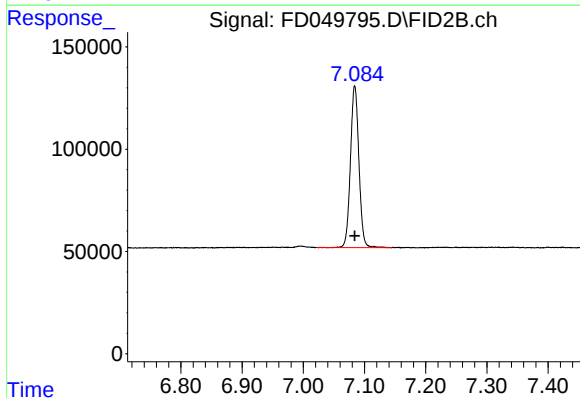
R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 631885
Conc: 5.56 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



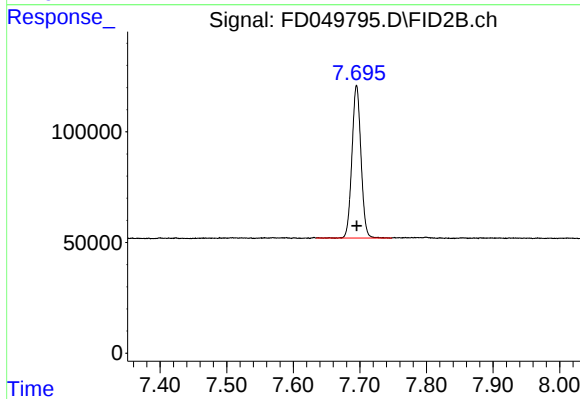
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 717794
Conc: 5.44 ug/ml



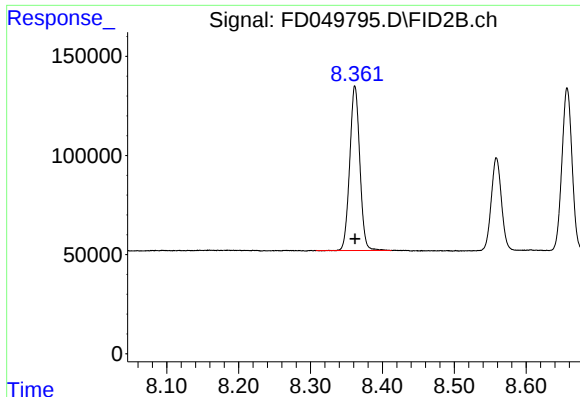
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 758806
Conc: 5.48 ug/ml



#4 2-Bromonaphthalene (SURR)

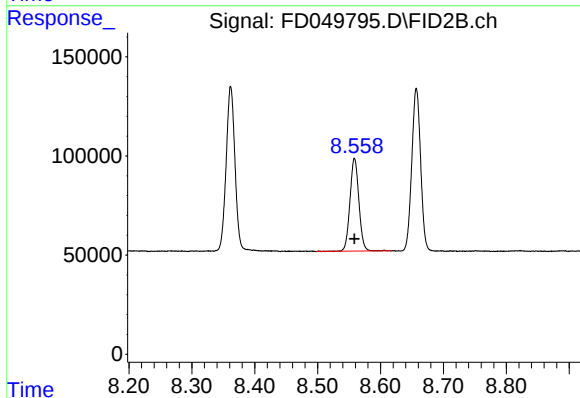
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 647815
Conc: 5.45 ug/ml



#5 Acenaphthylene (C15.06)

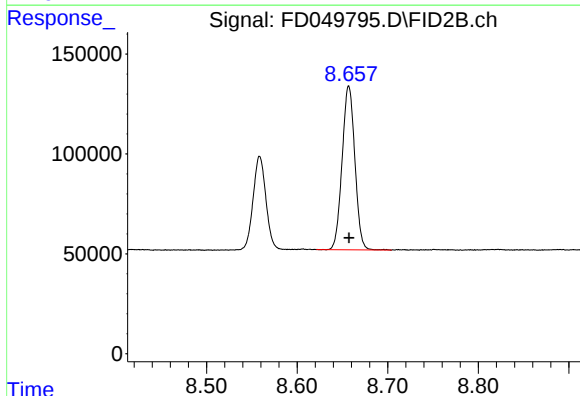
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 808838
Conc: 5.54 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



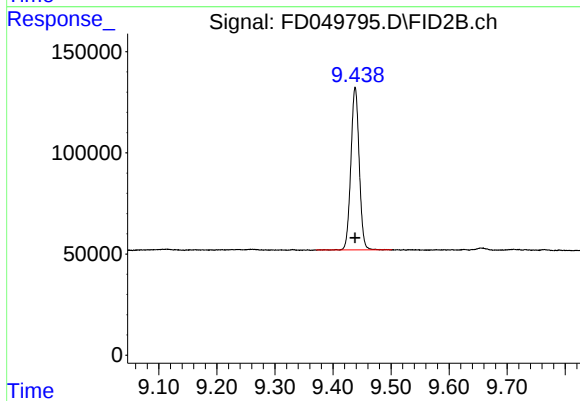
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 460004
Conc: 5.42 ug/ml



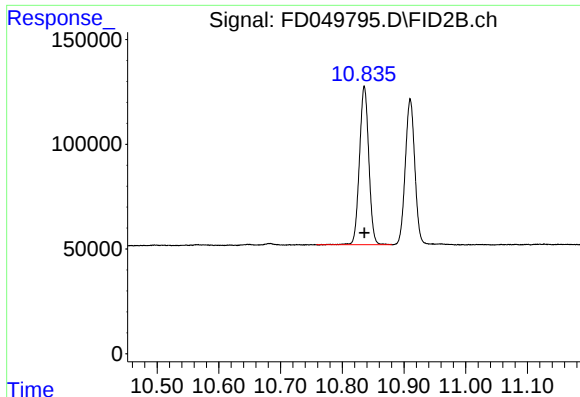
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 799705
Conc: 5.49 ug/ml



#8 Fluorene (C16.55)

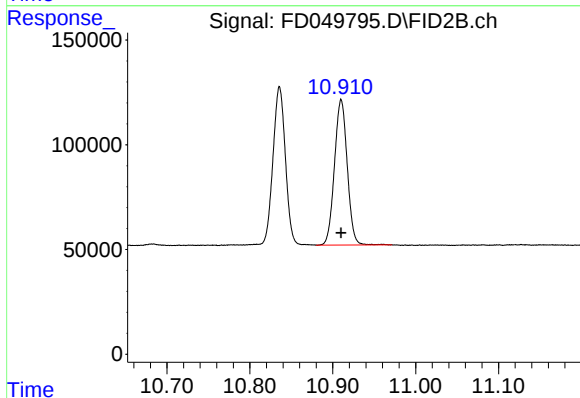
R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 800622
Conc: 5.48 ug/ml



#9 Phenanthrene (C19.36)

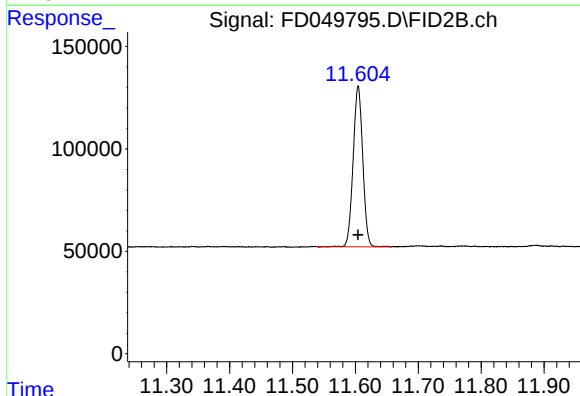
R.T.: 10.836 min
Delta R.T.: 0.000 min
Response: 792782
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



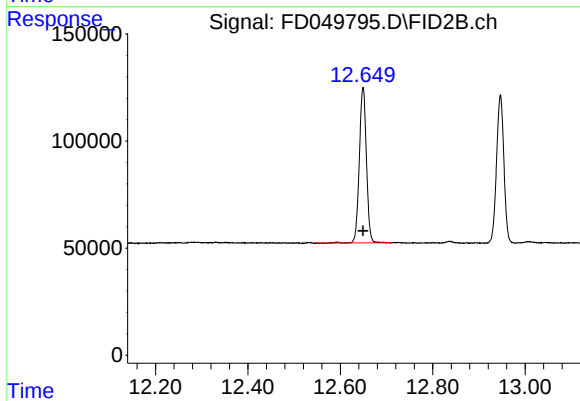
#10 Anthracene (C19.43)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 742335
Conc: 5.46 ug/ml



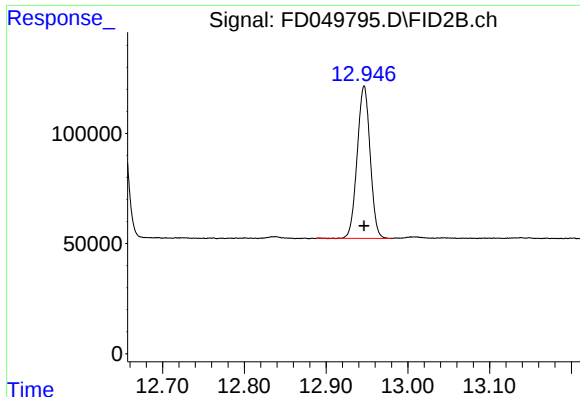
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 832449
Conc: 5.58 ug/ml



#12 Fluoranthene (C21.85)

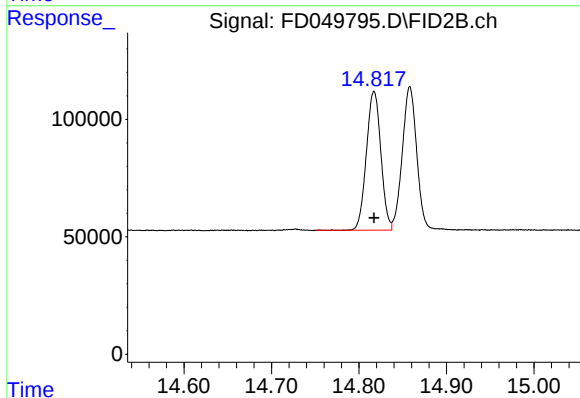
R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 775923
Conc: 5.45 ug/ml



#13 Pyrene (C20.8)

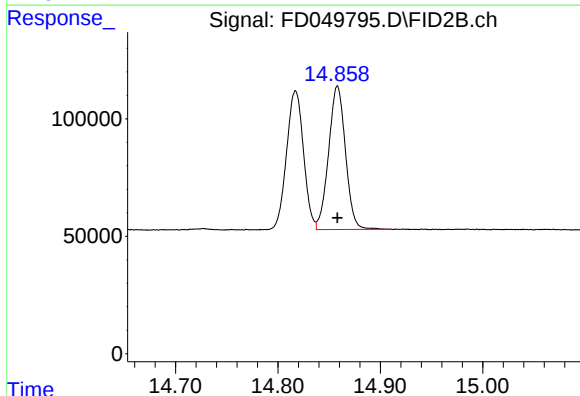
R.T.: 12.946 min
Delta R.T.: 0.000 min
Response: 760412
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



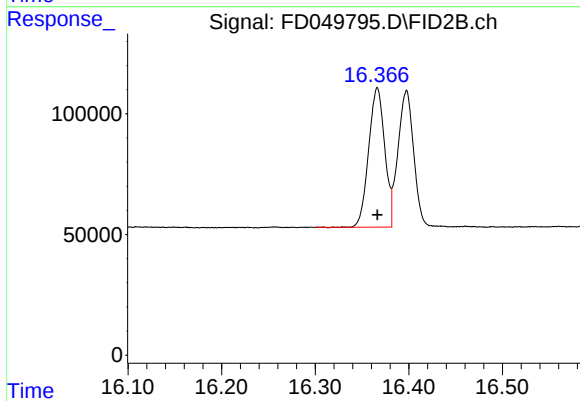
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 679446
Conc: 5.40 ug/ml



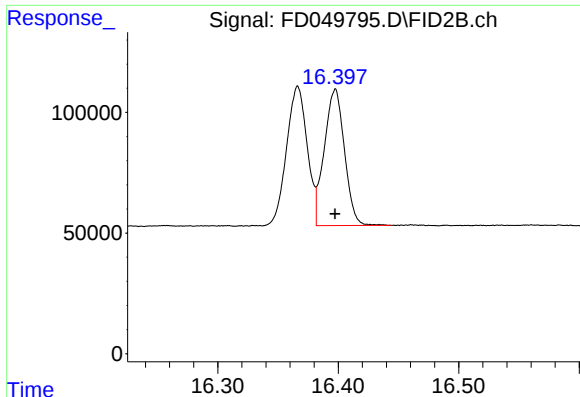
#15 Chrysene (C27.41)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 700625
Conc: 5.45 ug/ml



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

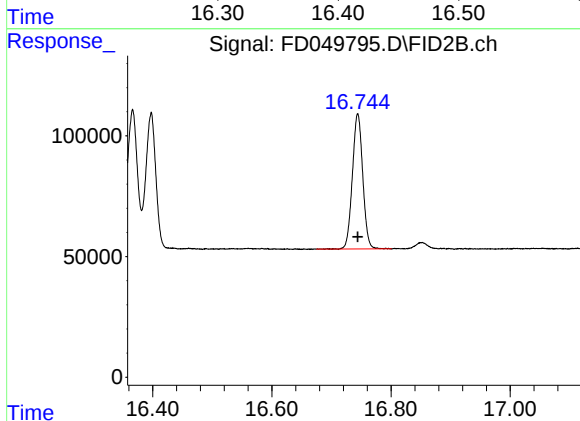
R.T.: 16.366 min
Delta R.T.: 0.000 min
Response: 686760
Conc: 5.51 ug/ml



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

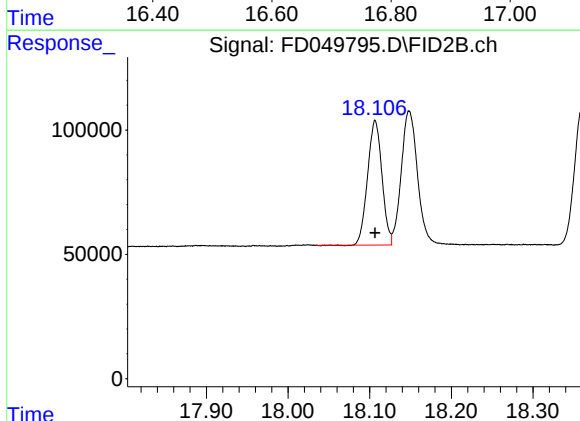
R.T.: 16.397 min
Delta R.T.: 0.000 min
Response: 658709
Conc: 5.61 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



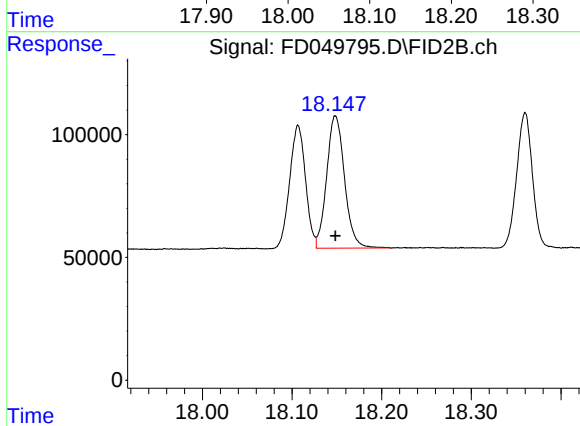
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 676758
Conc: 5.58 ug/ml



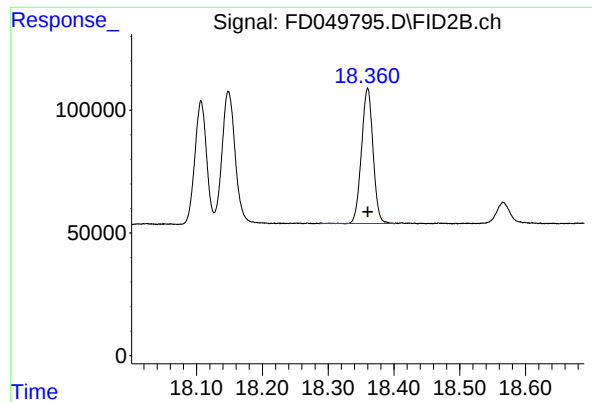
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.107 min
Delta R.T.: 0.000 min
Response: 612429
Conc: 5.45 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 746709
Conc: 6.11 ug/ml



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

R.T.: 18.360 min
Delta R.T.: 0.000 min
Response: 670210
Conc: 5.60 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049795.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 12:26
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.490	4.438	4.528	BB	71695	631885	75.91%	4.224%
2	6.031	5.968	6.074	BB	79140	717794	86.23%	4.798%
3	7.084	7.021	7.144	BB	79119	758806	91.15%	5.072%
4	7.695	7.634	7.748	BB	68756	647815	77.82%	4.330%
5	8.362	8.308	8.413	BB	82931	808838	97.16%	5.406%
6	8.559	8.498	8.618	BB	46767	460004	55.26%	3.075%
7	8.657	8.621	8.704	BB	81895	799705	96.07%	5.345%
8	9.438	9.371	9.501	BB	80195	800622	96.18%	5.351%
9	10.836	10.758	10.880	BV	75238	792782	95.23%	5.299%
10	10.910	10.880	10.971	PB	69350	742335	89.17%	4.962%
11	11.605	11.538	11.658	BB	78397	832449	100.00%	5.564%
12	12.649	12.548	12.711	BB	72239	775923	93.21%	5.186%
13	12.946	12.888	12.980	BV	69197	760412	91.35%	5.083%
14	14.817	14.751	14.837	BV	59082	679446	81.62%	4.541%
15	14.858	14.837	14.911	VB	61108	700625	84.16%	4.683%
16	16.366	16.301	16.382	BV	57788	686760	82.50%	4.590%
17	16.397	16.382	16.444	VB	56528	658709	79.13%	4.403%
18	16.744	16.674	16.801	BB	56077	676758	81.30%	4.523%
19	18.107	18.034	18.127	BV	49934	612429	73.57%	4.093%
20	18.149	18.127	18.211	VB	53876	746709	89.70%	4.991%
21	18.360	18.288	18.402	BB	55360	670210	80.51%	4.480%
Sum of corrected areas:						14961015		

Aromatic EPH 100225.M Thu Oct 02 18:00:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049796.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 13:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 02 17:50:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.696	2142320	18.031 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
6) S 2-Fluorobiphenyl (SURR)	8.560	1535927	18.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.18%
11) S ortho-Terphenyl (SURR)	11.605	2694154	18.047 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2048815	18.029 ug/ml
2) T Naphthalene (C11.7)	6.031	2385418	18.080 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2492740	18.016 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2633294	18.024 ug/ml
7) T Acenaphthene (C15.5)	8.659	2631149	18.070 ug/ml
8) T Flouorene (C16.55)	9.440	2645074	18.112 ug/ml
9) T Phenanthrene (C19.36)	10.838	2634207	18.020 ug/ml
10) T Anthracene (C19.43)	10.913	2531114	18.626 ug/ml
12) T Fluoranthene (C21.85)	12.651	2549562	17.896 ug/ml
13) T Pyrene (C20.8)	12.949	2513219	17.878 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2229772	17.729 ug/ml
15) T Chrysene (C27.41)	14.863	2267078	17.647 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2192575	17.602 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2077138	17.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2143280	17.661 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	1963429	17.462 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2059645	16.847 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	2106918	17.616 ug/ml

(f)=RT Delta > 1/2 Window

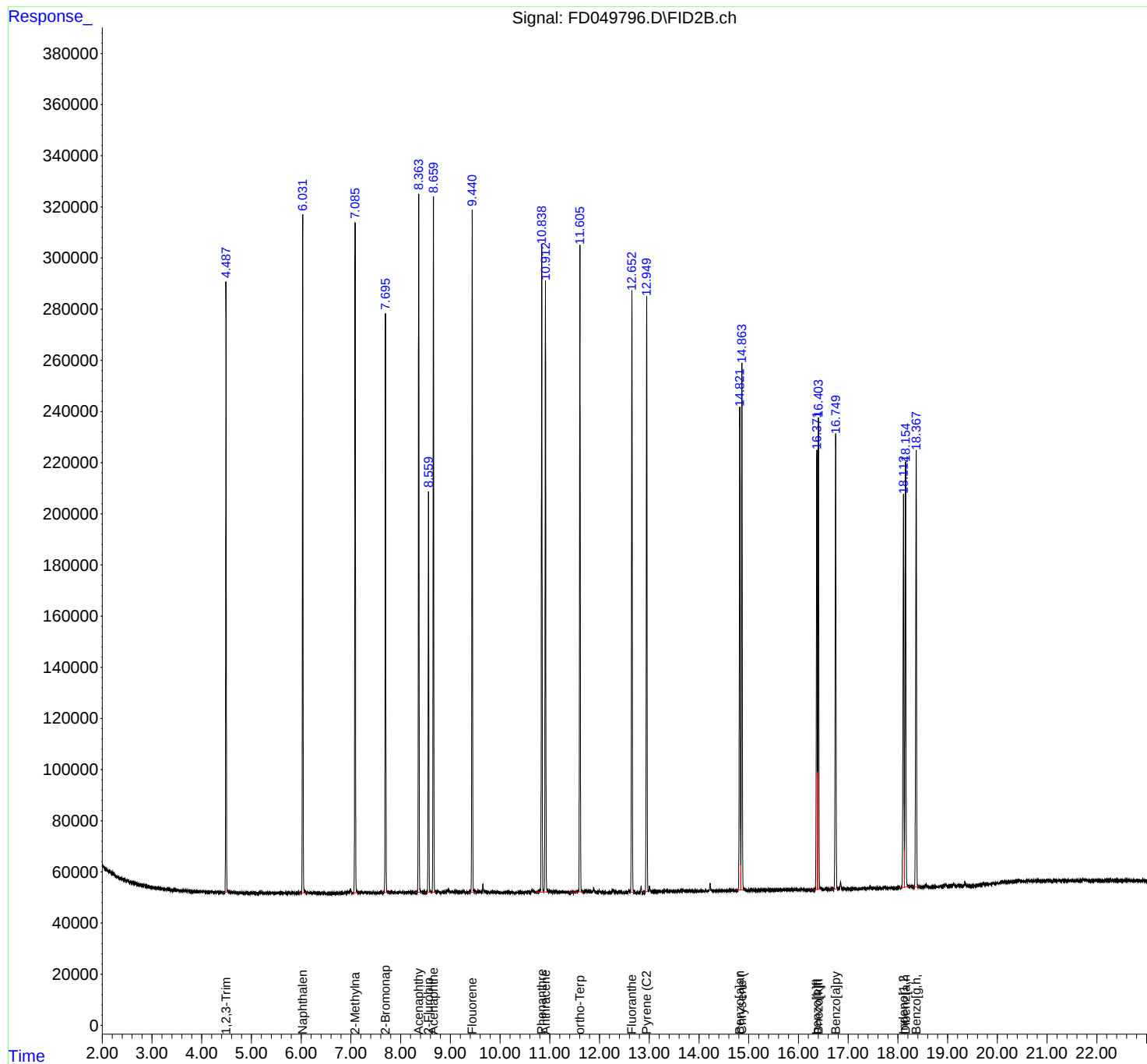
(m)=manual int.

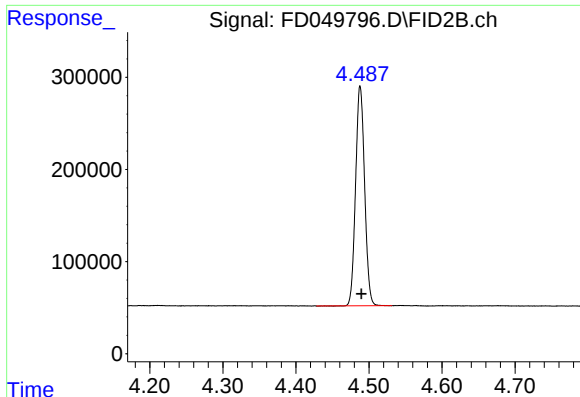
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049796.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 13:09
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 02 17:50:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Thu Oct 02 17:50:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

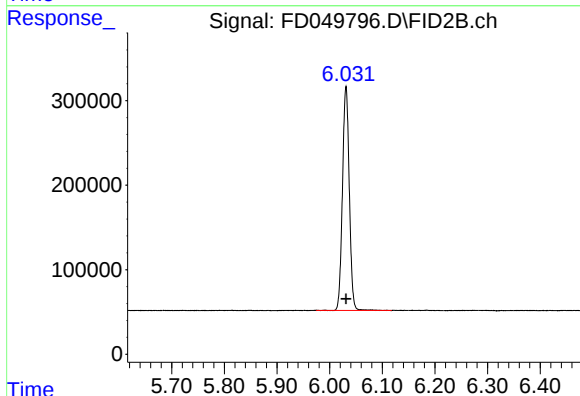




#1 1,2,3-Trimethylbenzene (C10.1)

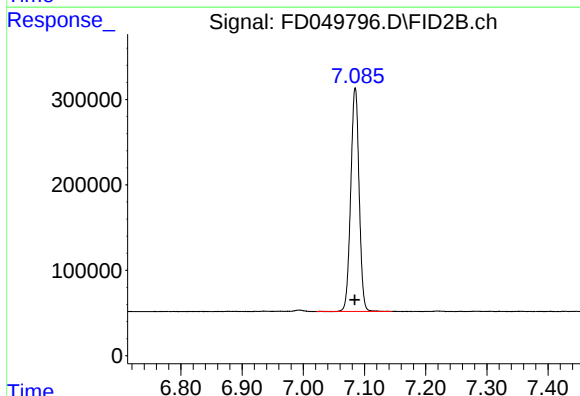
R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2048815
Conc: 18.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



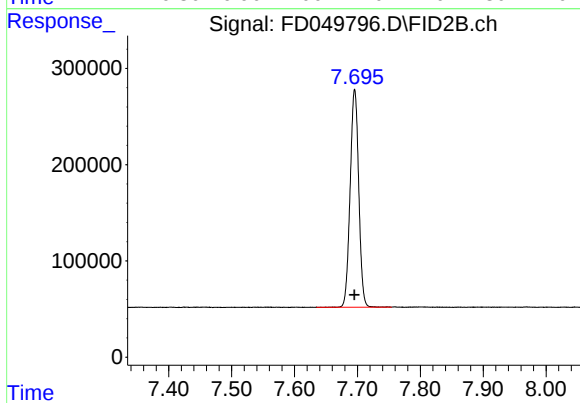
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2385418
Conc: 18.08 ug/ml



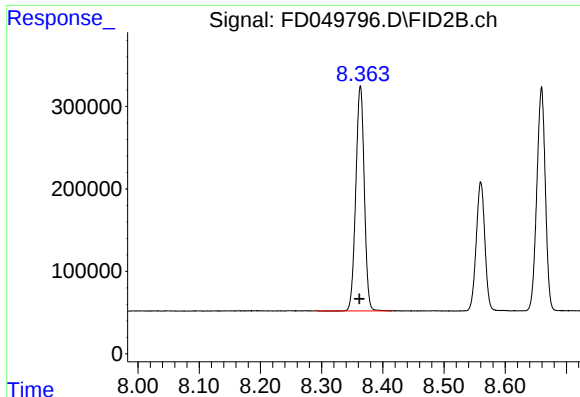
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 2492740
Conc: 18.02 ug/ml



#4 2-Bromonaphthalene (SURR)

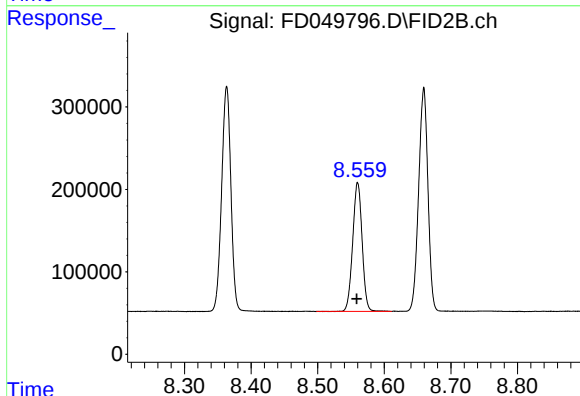
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 2142320
Conc: 18.03 ug/ml



#5 Acenaphthylene (C15.06)

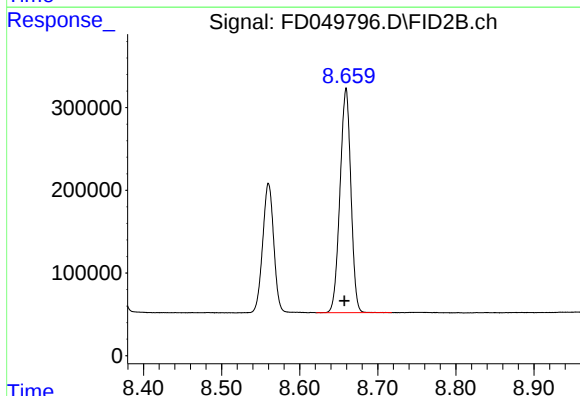
R.T.: 8.363 min
Delta R.T.: 0.001 min
Response: 2633294
Conc: 18.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



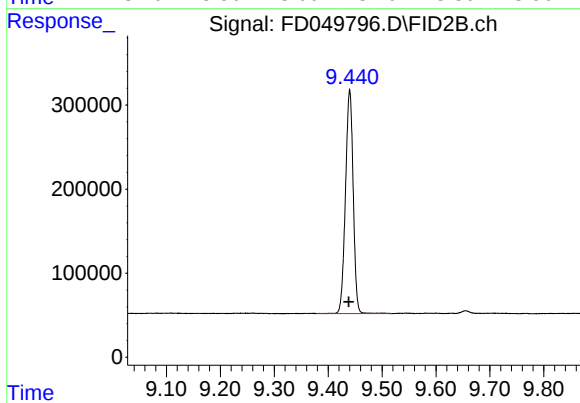
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: 0.001 min
Response: 1535927
Conc: 18.09 ug/ml



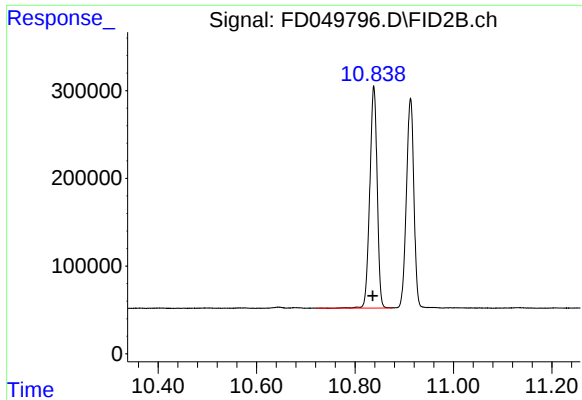
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: 0.002 min
Response: 2631149
Conc: 18.07 ug/ml



#8 Fluorene (C16.55)

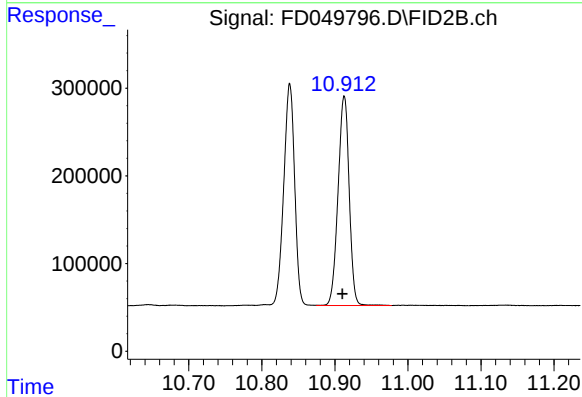
R.T.: 9.440 min
Delta R.T.: 0.002 min
Response: 2645074
Conc: 18.11 ug/ml



#9 Phenanthrene (C19.36)

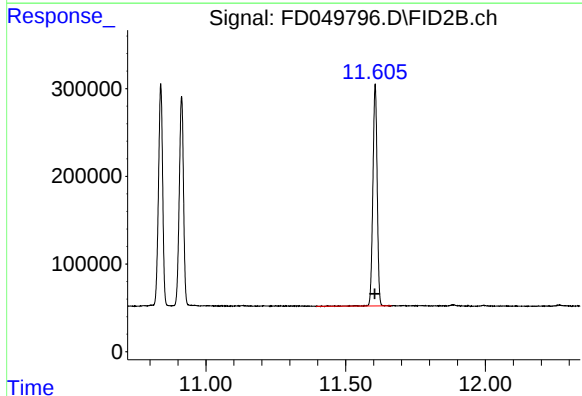
R.T.: 10.838 min
Delta R.T.: 0.002 min
Response: 2634207
Conc: 18.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



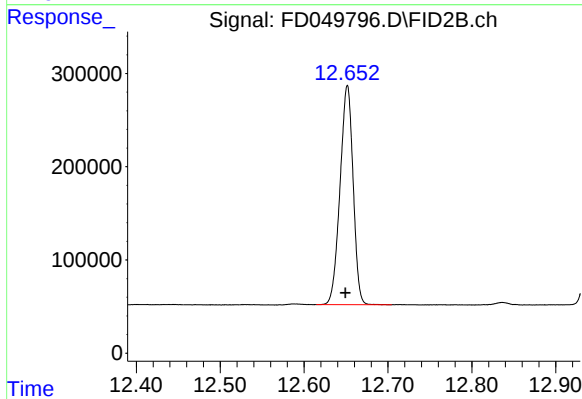
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: 0.003 min
Response: 2531114
Conc: 18.63 ug/ml



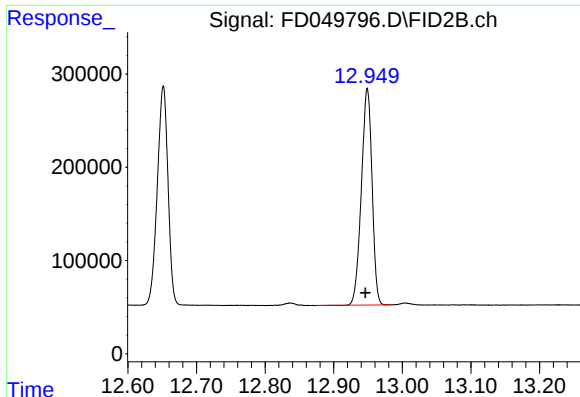
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 2694154
Conc: 18.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.651 min
Delta R.T.: 0.002 min
Response: 2549562
Conc: 17.90 ug/ml



#13 Pyrene (C20.8)

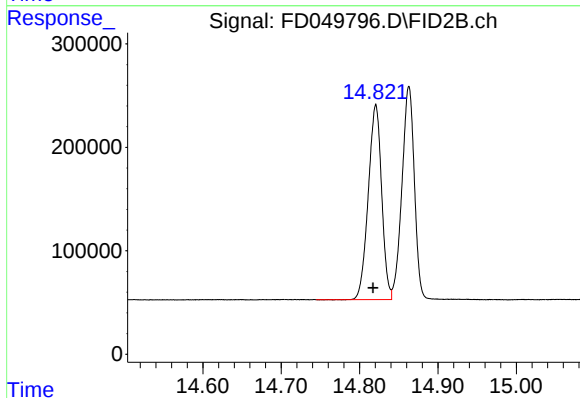
R.T.: 12.949 min
Delta R.T.: 0.002 min
Response: 2513219
Conc: 17.88 ug/ml

Instrument :

FID_D

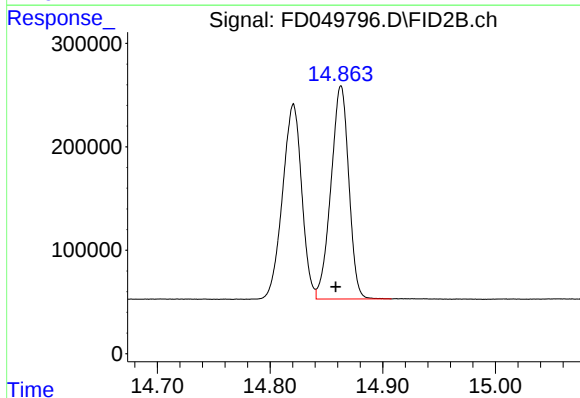
ClientSampleId :

20 PPM AROMATIC HC STD ICV



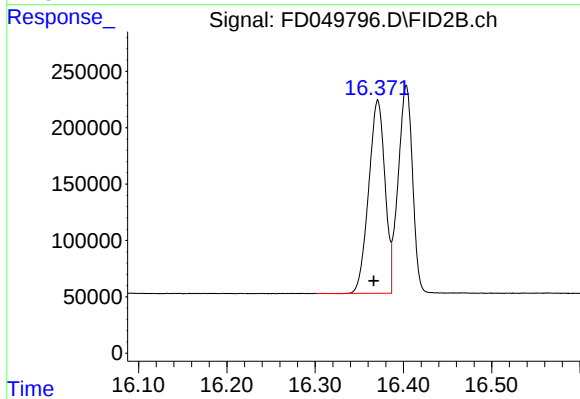
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: 0.003 min
Response: 2229772
Conc: 17.73 ug/ml



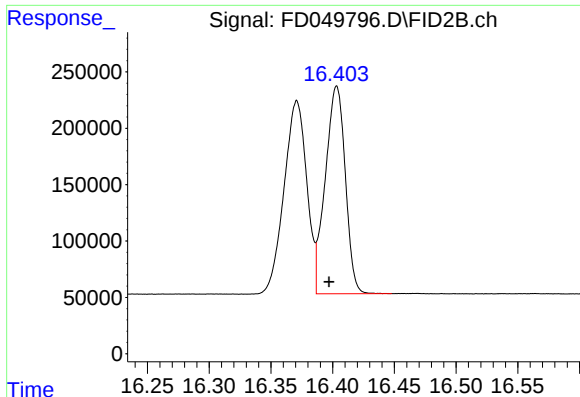
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.005 min
Response: 2267078
Conc: 17.65 ug/ml



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

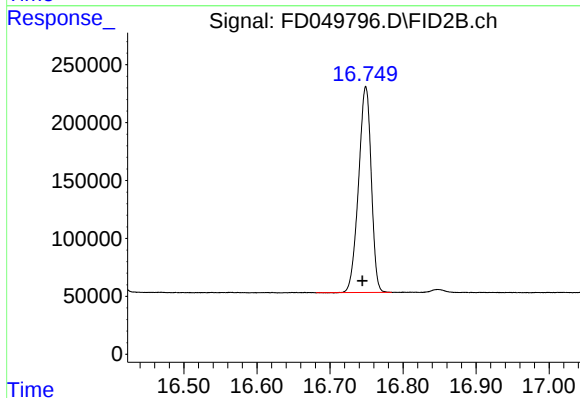
R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 2192575
Conc: 17.60 ug/ml



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

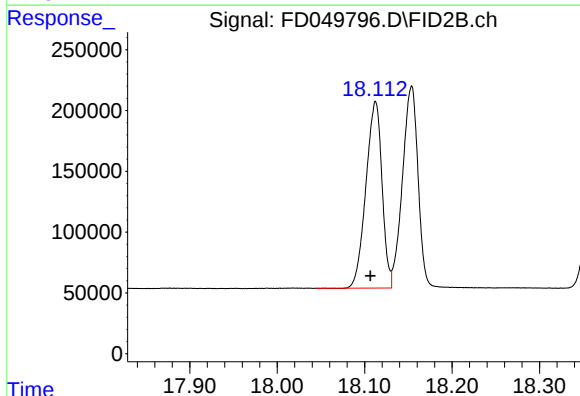
R.T.: 16.403 min
Delta R.T.: 0.006 min
Response: 2077138
Conc: 17.68 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



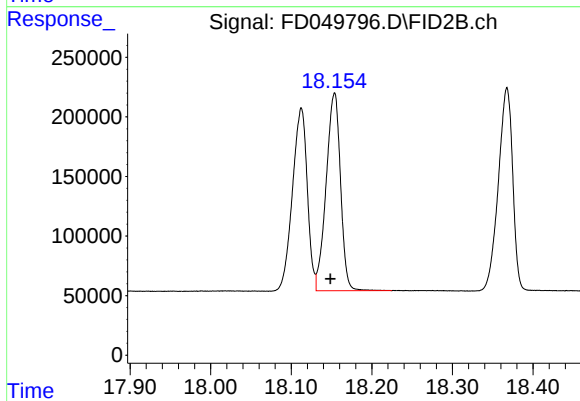
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.005 min
Response: 2143280
Conc: 17.66 ug/ml



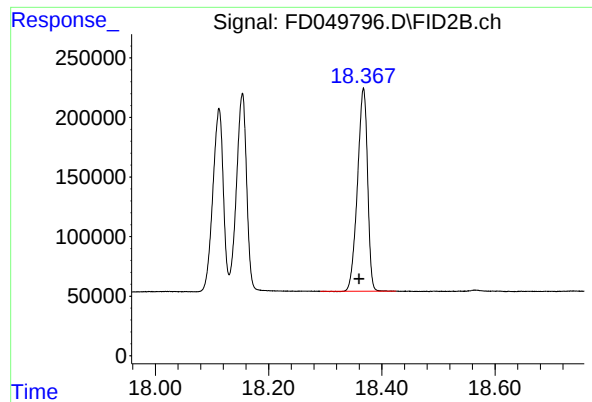
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: 0.005 min
Response: 1963429
Conc: 17.46 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.005 min
Response: 2059645
Conc: 16.85 ug/ml



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

R.T.: 18.367 min
Delta R.T.: 0.007 min
Response: 2106918
Conc: 17.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
Data File : FD049796.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2025 13:09
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.488	4.428	4.531	BB	238590	2048815	76.05%	4.226%
2	6.031	5.974	6.118	BB	263787	2385418	88.54%	4.921%
3	7.085	7.021	7.144	BB	262346	2492740	92.52%	5.142%
4	7.696	7.634	7.754	BB	225462	2142320	79.52%	4.419%
5	8.363	8.291	8.414	BB	273763	2633294	97.74%	5.432%
6	8.560	8.498	8.611	BB	156064	1535927	57.01%	3.168%
7	8.659	8.621	8.718	BB	266409	2631149	97.66%	5.428%
8	9.440	9.378	9.518	BB	266050	2645074	98.18%	5.456%
9	10.838	10.721	10.874	BV	252730	2634207	97.77%	5.434%
10	10.913	10.874	10.978	VB	238097	2531114	93.95%	5.221%
11	11.605	11.394	11.664	BB	251132	2694154	100.00%	5.558%
12	12.651	12.614	12.704	BB	235150	2549562	94.63%	5.259%
13	12.949	12.874	12.984	BV	231646	2513219	93.28%	5.184%
14	14.821	14.744	14.841	BV	188689	2229772	82.76%	4.600%
15	14.863	14.841	14.908	VB	206633	2267078	84.15%	4.677%
16	16.371	16.301	16.387	BV	171146	2192575	81.38%	4.523%
17	16.403	16.387	16.448	VB	184882	2077138	77.10%	4.285%
18	16.749	16.681	16.784	BB	177561	2143280	79.55%	4.421%
19	18.112	18.044	18.131	BV	152248	1963429	72.88%	4.050%
20	18.153	18.131	18.224	VB	167719	2059645	76.45%	4.249%
21	18.367	18.291	18.424	BB	170872	2106918	78.20%	4.346%
Sum of corrected areas:							48476829	

Aromatic EPH 100225.M Thu Oct 02 18:00:21 2025