

Initial Calibration Report for SequenceID : FD050125AR

AreaCount

Parameter Range	FD049298.D	FD049299.D	FD049300.D	FD049301.D	FD049302.D	
Aromatic C10-C12	24947085.000	13432598.000	5352823.000	2577094.000	1209211.000	
Aromatic C12-C16	39319151.000	21327001.000	8518789.000	4088995.000	1906691.000	
Aromatic C16-C21	51864159.000	28036330.000	11078299.000	5170923.000	2360160.000	
Aromatic C21-C36	105771332.000	55185778.000	22063557.000	10548658.000	4807254.000	
Aromatic EPH	221901727.000	117981707.000	47013468.000	22385670.000	10283316.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	128531.556	4.503				
Aromatic C12-C16	135727.2453328	4.901				
Aromatic C16-C21	131120.372	6.754				
Aromatic C21-C36	117353.8517774	5.489				
Aromatic EPH	124717.2778884	5.478				

Concentration

Parameter Range	FD049298.D	FD049299.D	FD049300.D	FD049301.D	FD049302.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	FD049298.D	FD049299.D	FD049300.D	FD049301.D	FD049302.D	
Aromatic C10-C12	124735.425000	134325.980000	133820.575000	128854.700000	120921.100000	
Aromatic C12-C16	131063.836666	142180.006666	141979.816666	136299.833333	127112.733333	
Aromatic C16-C21	129660.397500	140181.650000	138478.737500	129273.075000	118008.000000	
Aromatic C21-C36	117523.702222	122635.062222	122575.316666	117207.311111	106827.866666	
Aromatic EPH	123278.737222	131090.785555	130592.966666	124364.833333	114259.066666	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049298.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 10:30
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 01 12:27:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:24:43 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...	7.745	11463954	96.108 ug/ml
Spiked Amount 50.000		Recovery =	192.22%
6) S 2-Fluorobiphenyl (SURR)	8.611	7800759	96.832 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	193.66%#
11) S ortho-Terphenyl (SURR)	11.657	13203715	95.222 ug/ml
Spiked Amount 50.000		Recovery =	190.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	12023424	96.262 ug/ml
2) T Naphthalene (C11.7)	6.080	12923661	96.696 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	12548644	96.359 ug/ml
5) T Acenaphthylene (C15.06)	8.416	13558134	95.743 ug/ml
7) T Acenaphthene (C15.5)	8.713	13212373	95.931 ug/ml
8) T Fluorene (C16.55)	9.494	13224001	95.995 ug/ml
9) T Phenanthrene (C19.36)	10.894	13198540	96.327 ug/ml
10) T Anthracene (C19.43)	10.970	11932871	97.422 ug/ml
12) T Fluoranthene (C21.85)	12.710	13459488	97.026 ug/ml
13) T Pyrene (C20.8)	13.010	13508747	97.173 ug/ml
14) T Benzo[a]anthracene (C...	14.880	11905065	99.763 ug/ml
15) T Chrysene (C27.41)	14.928	11971428	99.233 ug/ml
16) T benzo[b]fluoranthene ...	16.435	12128915	98.221 ug/ml
17) T Bnezo[k]fluoranthene ...	16.474	11789554	97.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.817	11413341	97.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.183	11097989	98.710 ug/ml
20) T Dibenz[a,h]anthracene...	18.223	10329974	96.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.446	11675578	96.897 ug/ml

(f)=RT Delta > 1/2 Window

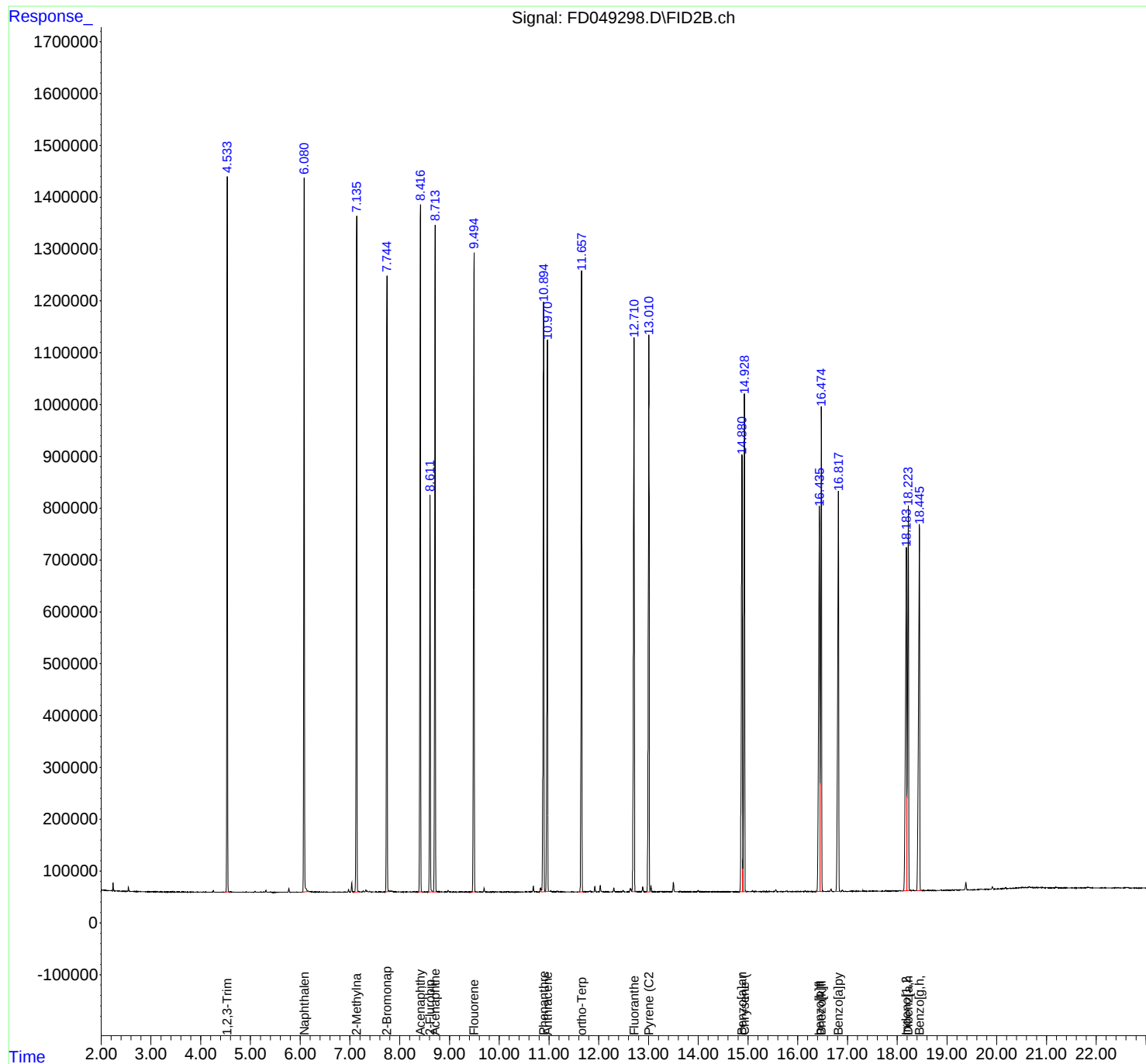
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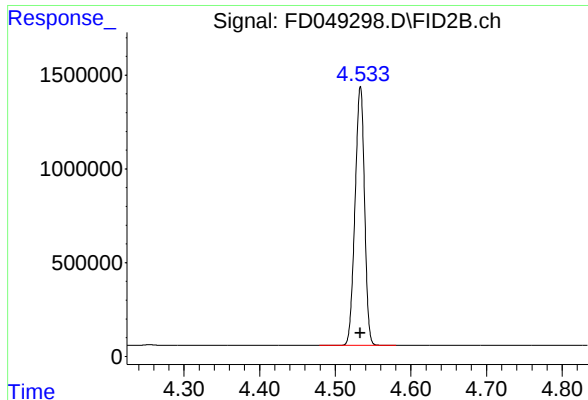
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049298.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 10:30
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: May 01 12:27:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 12:24:43 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)

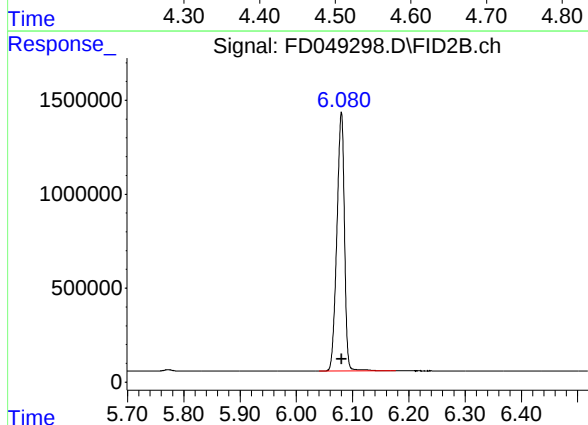
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 12023424
Conc: 96.26 ug/ml

Instrument :

FID_D

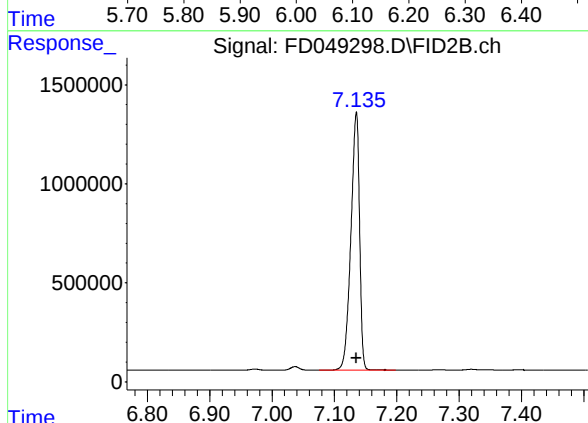
ClientSampleId :

100 PPM AROMATIC HC STD1



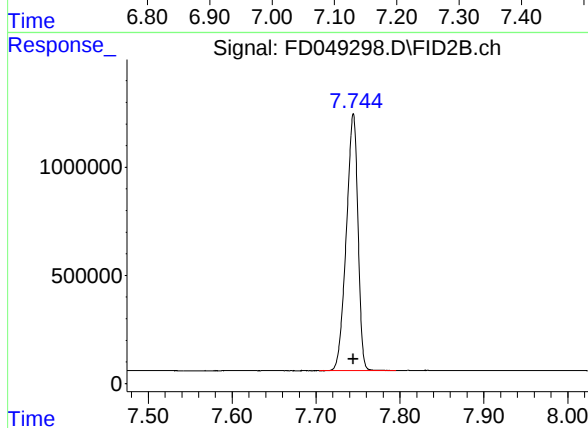
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 12923661
Conc: 96.70 ug/ml



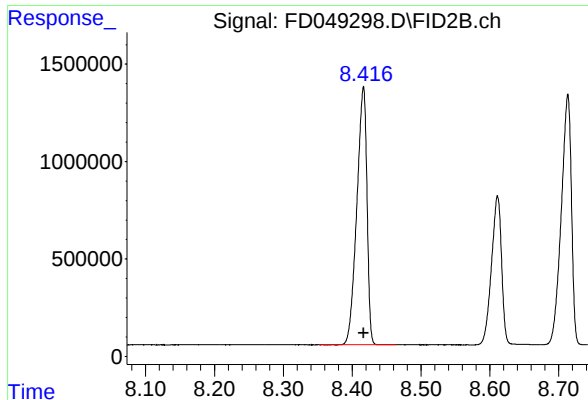
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 12548644
Conc: 96.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 11463954
Conc: 96.11 ug/ml



#5 Acenaphthylene (C15.06)

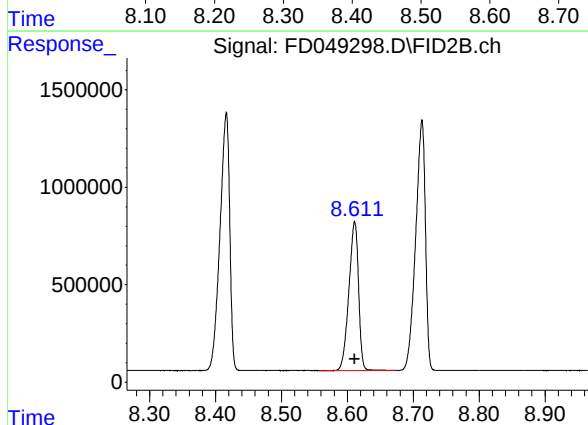
R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 13558134
Conc: 95.74 ug/ml

Instrument :

FID_D

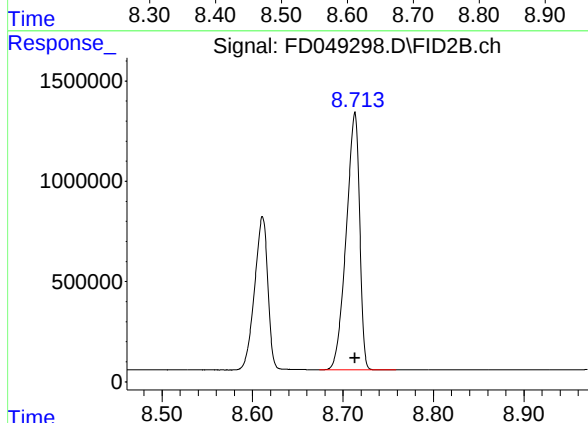
ClientSampleId :

100 PPM AROMATIC HC STD1



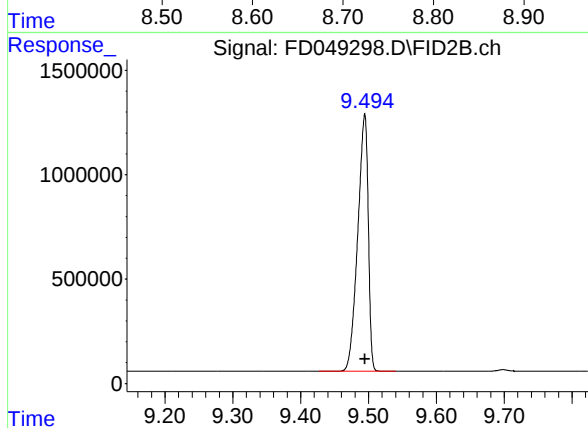
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 7800759
Conc: 96.83 ug/ml



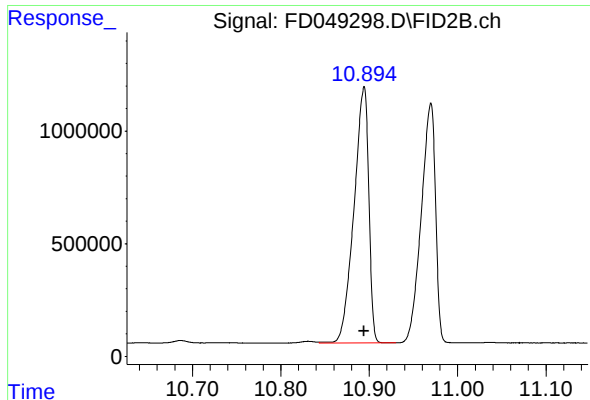
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 13212373
Conc: 95.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.494 min
Delta R.T.: 0.000 min
Response: 13224001
Conc: 96.00 ug/ml



#9 Phenanthrene (C19.36)

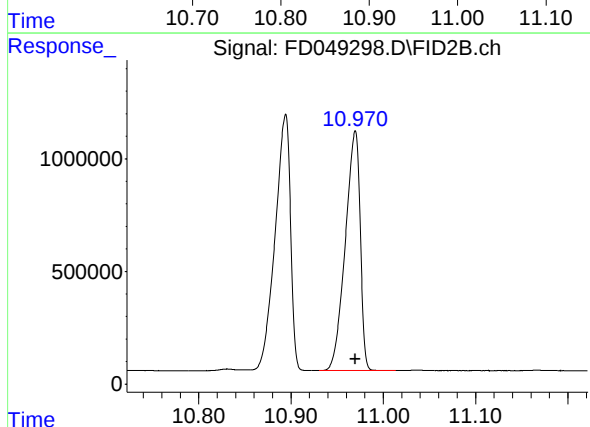
R.T.: 10.894 min
Delta R.T.: 0.000 min
Response: 13198540
Conc: 96.33 ug/ml

Instrument :

FID_D

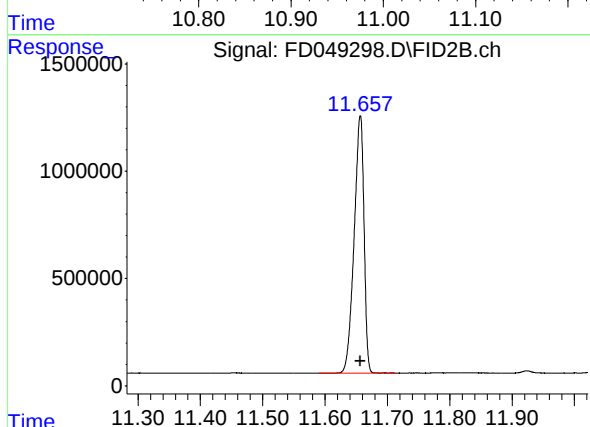
ClientSampleId :

100 PPM AROMATIC HC STD1



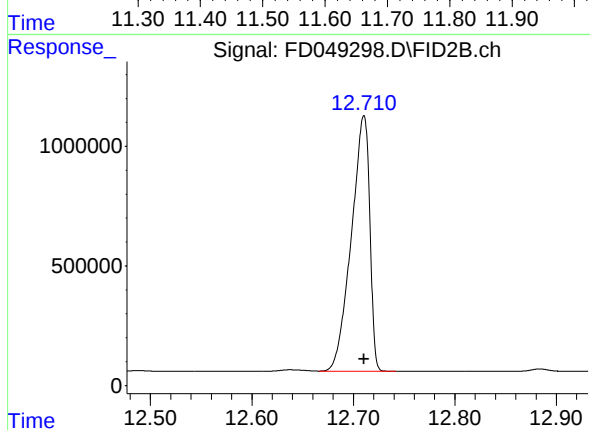
#10 Anthracene (C19.43)

R.T.: 10.970 min
Delta R.T.: 0.000 min
Response: 11932871
Conc: 97.42 ug/ml



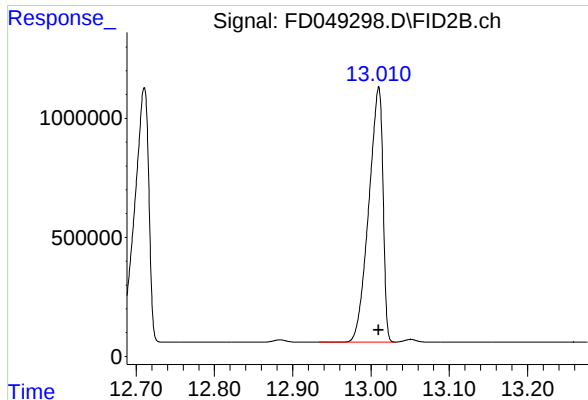
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: 0.000 min
Response: 13203715
Conc: 95.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 13459488
Conc: 97.03 ug/ml



#13 Pyrene (C20.8)

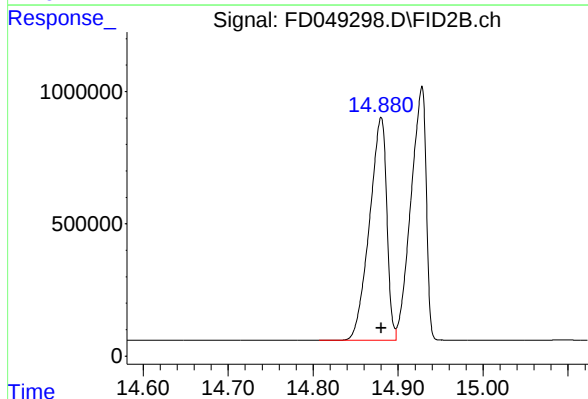
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 13508747
Conc: 97.17 ug/ml

Instrument :

FID_D

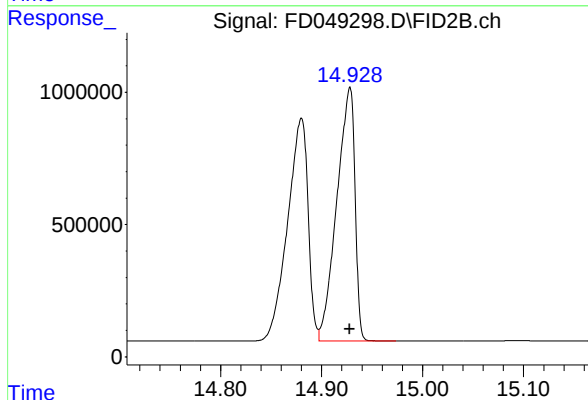
ClientSampleId :

100 PPM AROMATIC HC STD1



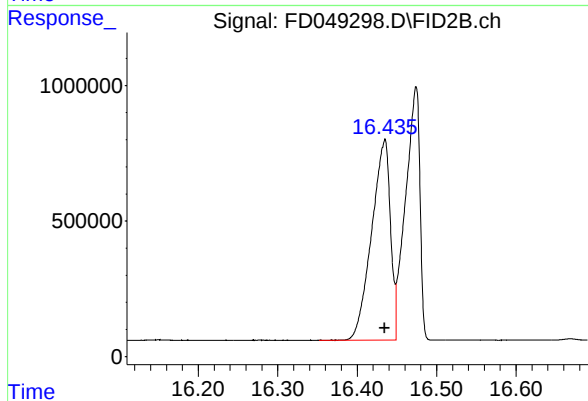
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.880 min
Delta R.T.: 0.000 min
Response: 11905065
Conc: 99.76 ug/ml



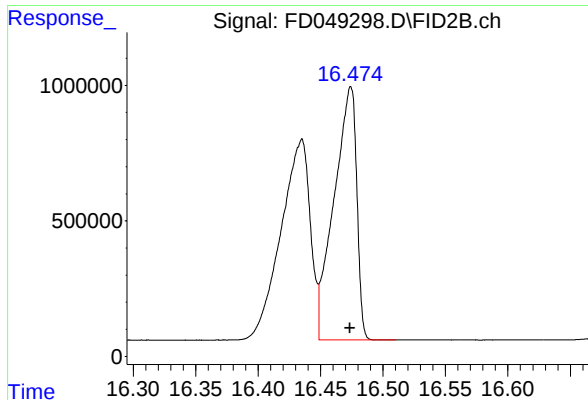
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: 0.000 min
Response: 11971428
Conc: 99.23 ug/ml



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

R.T.: 16.435 min
Delta R.T.: 0.000 min
Response: 12128915
Conc: 98.22 ug/ml



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

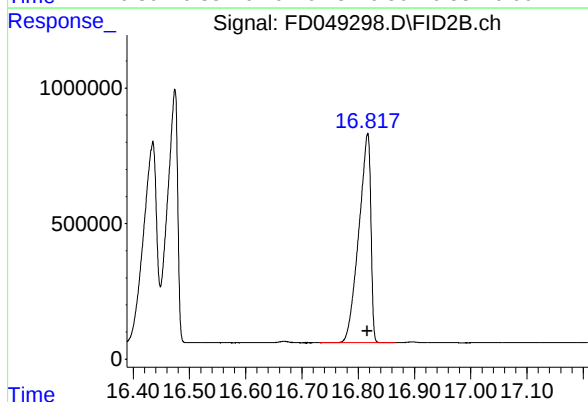
R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 11789554
Conc: 97.80 ug/ml

Instrument :

FID_D

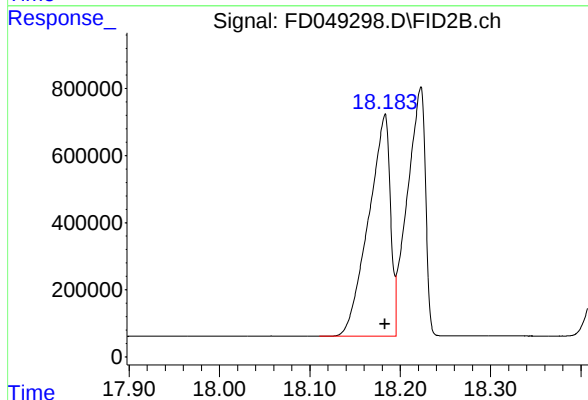
ClientSampleId :

100 PPM AROMATIC HC STD1



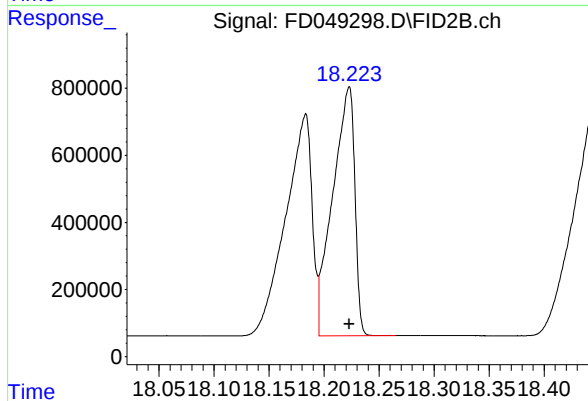
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.817 min
Delta R.T.: 0.000 min
Response: 11413341
Conc: 97.78 ug/ml



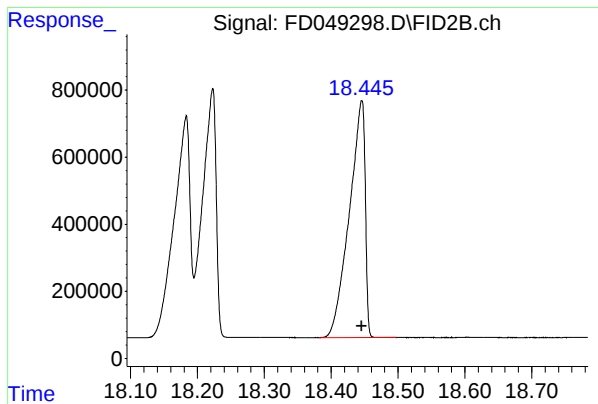
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min
Delta R.T.: 0.000 min
Response: 11097989
Conc: 98.71 ug/ml



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

R.T.: 18.223 min
Delta R.T.: 0.000 min
Response: 10329974
Conc: 96.01 ug/ml



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

R.T.: 18.446 min
Delta R.T.: 0.000 min
Response: 11675578
Conc: 96.90 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049298.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 10:30
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.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	4.533	4.479	4.580	BB	1383311	12023424	88.68%	4.727%
2	6.080	6.040	6.177	BB	1379616	12923661	95.32%	5.081%
3	7.135	7.075	7.199	BB	1303795	12548644	92.55%	4.933%
4	7.745	7.704	7.795	BB	1189855	11463954	84.55%	4.507%
5	8.416	8.352	8.464	BB	1332074	13558134	100.00%	5.330%
6	8.611	8.557	8.674	BV	761250	7800759	57.54%	3.067%
7	8.713	8.674	8.759	VB	1289143	13212373	97.45%	5.194%
8	9.494	9.427	9.540	BB	1225255	13224001	97.54%	5.199%
9	10.894	10.843	10.930	VV	1132715	13198540	97.35%	5.189%
10	10.970	10.930	11.014	VB	1069036	11932871	88.01%	4.691%
11	11.657	11.590	11.714	BB	1201807	13203715	97.39%	5.191%
12	12.710	12.666	12.742	VB	1069024	13459488	99.27%	5.291%
13	13.010	12.934	13.032	BV	1075502	13508747	99.64%	5.311%
14	14.880	14.807	14.897	BV	843714	11905065	87.81%	4.680%
15	14.928	14.897	14.974	VB	964505	11971428	88.30%	4.706%
16	16.435	16.352	16.449	BV	744080	12128915	89.46%	4.768%
17	16.474	16.449	16.510	VB	936360	11789554	86.96%	4.635%
18	16.817	16.730	16.867	BB	771954	11413341	84.18%	4.487%
19	18.183	18.110	18.195	BV	664336	11097989	81.85%	4.363%
20	18.223	18.195	18.265	VB	739588	10329974	76.19%	4.061%
21	18.446	18.382	18.497	BB	707779	11675578	86.11%	4.590%
Sum of corrected areas:						254370156		

Aromatic EPH 050125.M Fri May 02 05:05:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049299.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 11:07
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 01 12:28:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:24:43 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...	7.741	6217746	51.398 ug/ml
Spiked Amount 50.000		Recovery =	102.80%
6) S 2-Fluorobiphenyl (SURR)	8.607	4216284	51.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.07%
11) S ortho-Terphenyl (SURR)	11.652	7202828	51.280 ug/ml
Spiked Amount 50.000		Recovery =	102.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	6477721	51.226 ug/ml
2) T Naphthalene (C11.7)	6.077	6954877	51.340 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	6791095	51.411 ug/ml
5) T Acenaphthylene (C15.06)	8.411	7372643	51.357 ug/ml
7) T Acenaphthene (C15.5)	8.708	7163263	51.322 ug/ml
8) T Fluorene (C16.55)	9.489	7197835	51.478 ug/ml
9) T Phenanthrene (C19.36)	10.888	7171493	51.536 ug/ml
10) T Anthracene (C19.43)	10.963	6465378	51.822 ug/ml
12) T Fluoranthene (C21.85)	12.702	7217122	51.333 ug/ml
13) T Pyrene (C20.8)	13.001	7201624	51.188 ug/ml
14) T Benzo[a]anthracene (C...	14.872	6177201	51.163 ug/ml
15) T Chrysene (C27.41)	14.916	6224941	51.055 ug/ml
16) T benzo[b]fluoranthene ...	16.424	6243646	50.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	6132161	50.462 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.805	5903388	50.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	5669871	50.286 ug/ml
20) T Dibenz[a,h]anthracene...	18.210	5532200	50.915 ug/ml
21) T Benzo[g,h,i]perylene ...	18.429	6085248	50.334 ug/ml

(f)=RT Delta > 1/2 Window

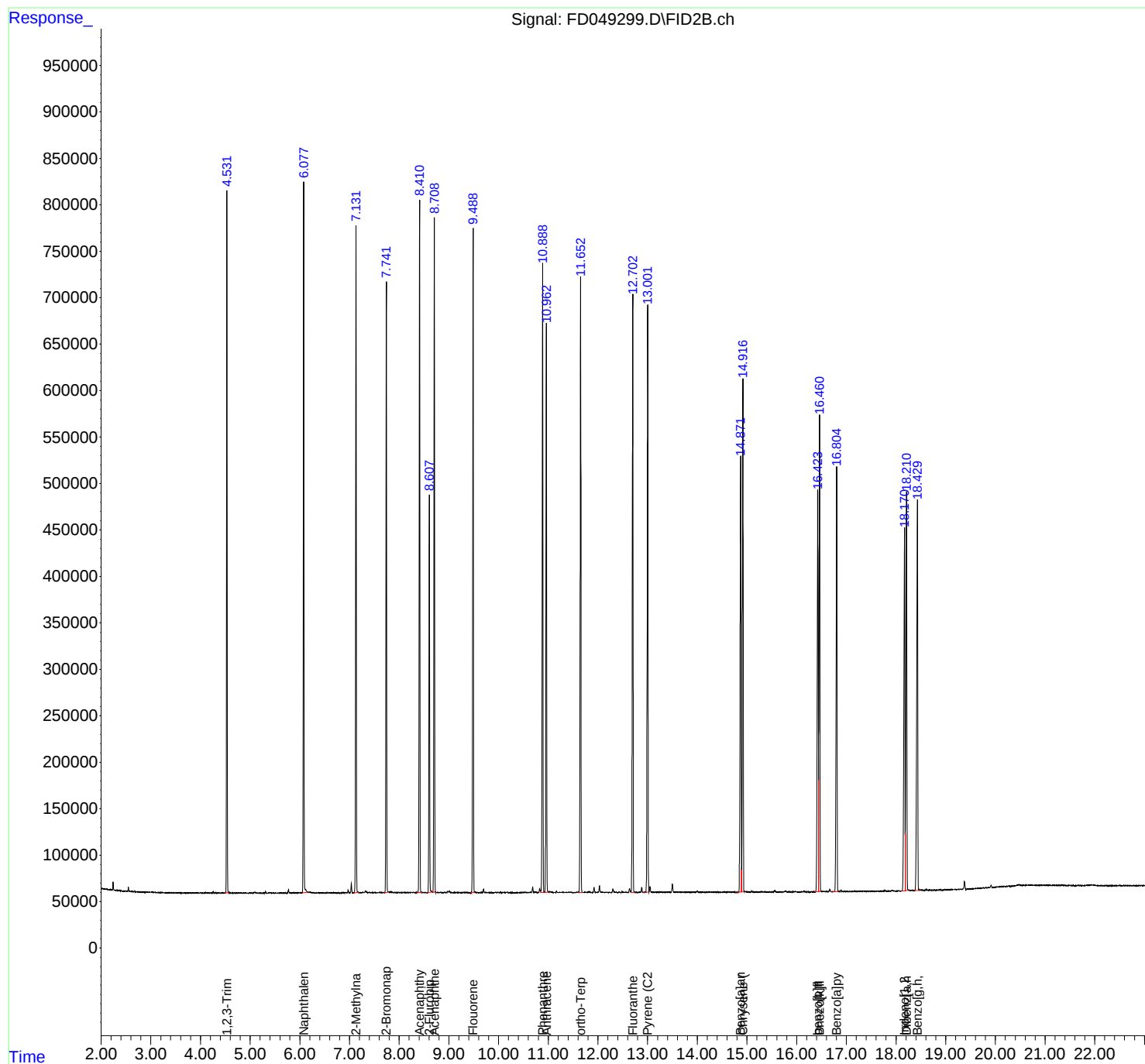
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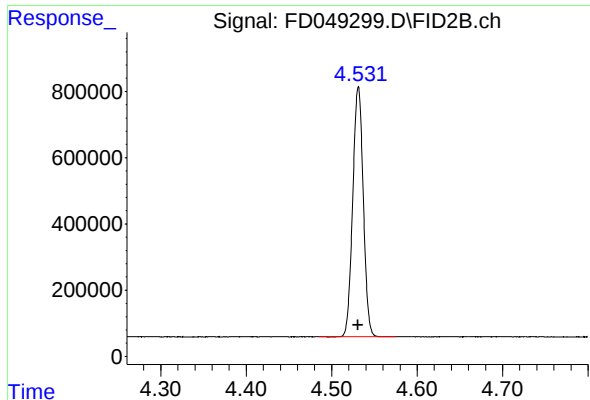
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049299.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 11:07
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: May 01 12:28:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 12:24:43 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

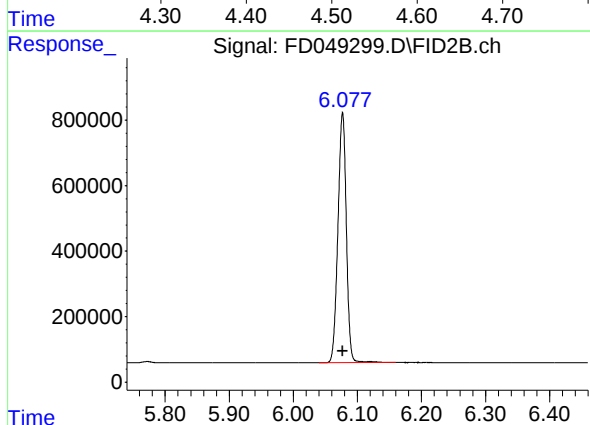




#1 1,2,3-Trimethylbenzene (C10.1)

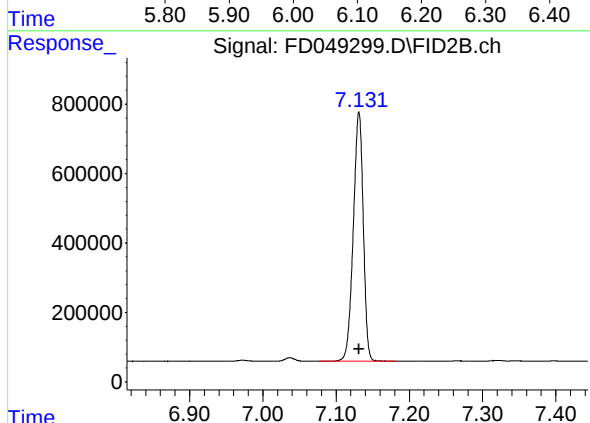
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 6477721
Conc: 51.23 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



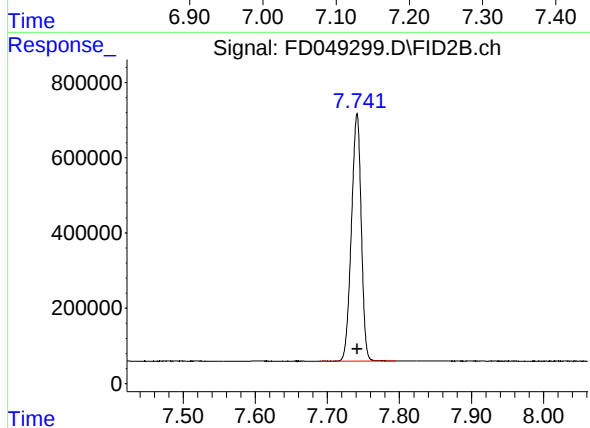
#2 Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6954877
Conc: 51.34 ug/ml



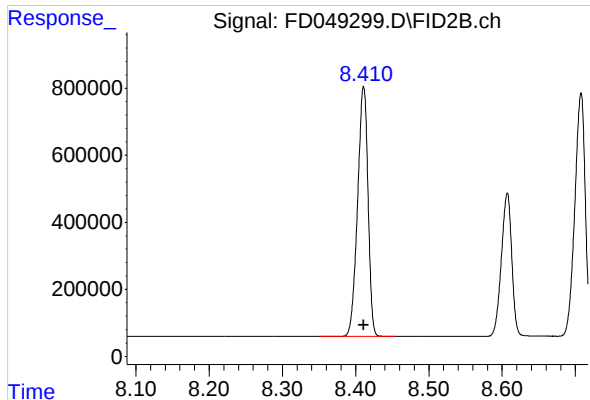
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 6791095
Conc: 51.41 ug/ml



#4 2-Bromonaphthalene (SURR)

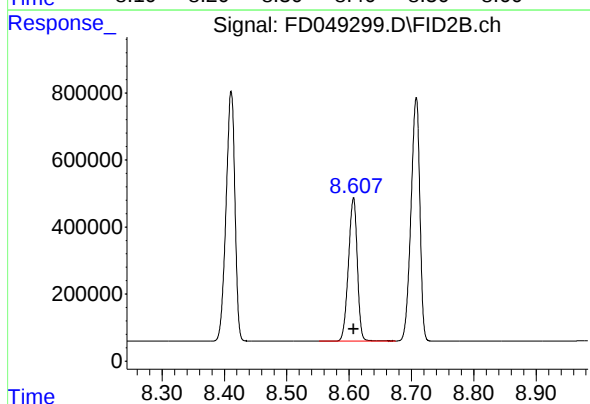
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 6217746
Conc: 51.40 ug/ml



#5 Acenaphthylene (C15.06)

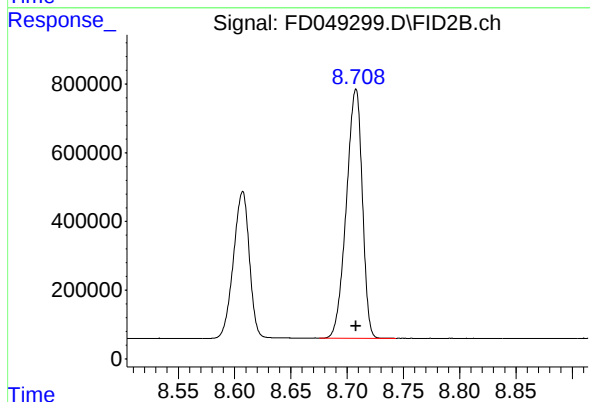
R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 7372643
Conc: 51.36 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



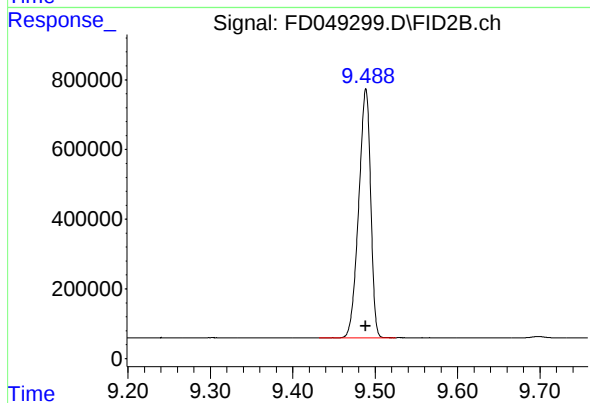
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 4216284
Conc: 51.53 ug/ml



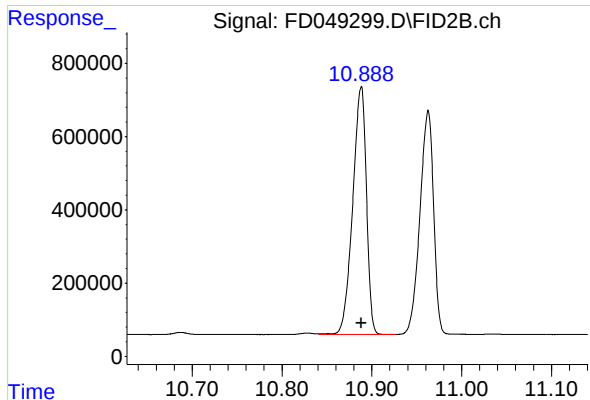
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 7163263
Conc: 51.32 ug/ml



#8 Flouorene (C16.55)

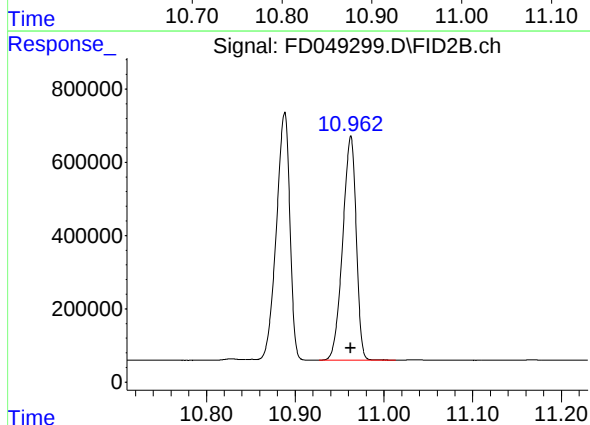
R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 7197835
Conc: 51.48 ug/ml



#9 Phenanthrene (C19.36)

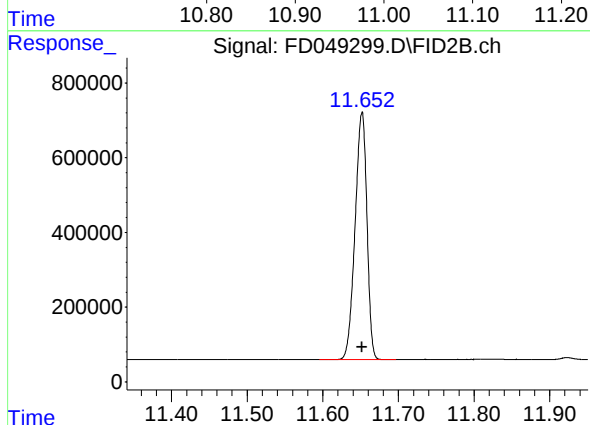
R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 7171493
Conc: 51.54 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



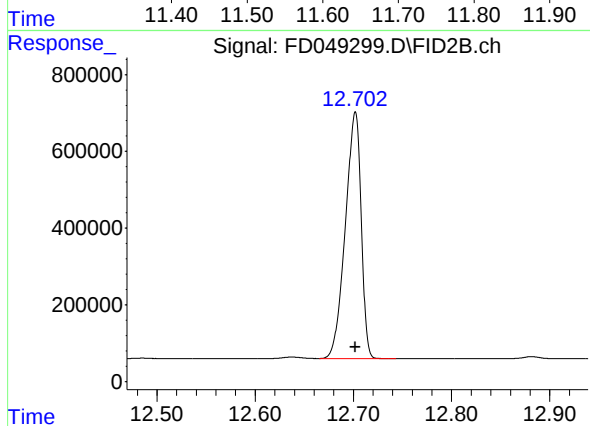
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: 0.000 min
Response: 6465378
Conc: 51.82 ug/ml



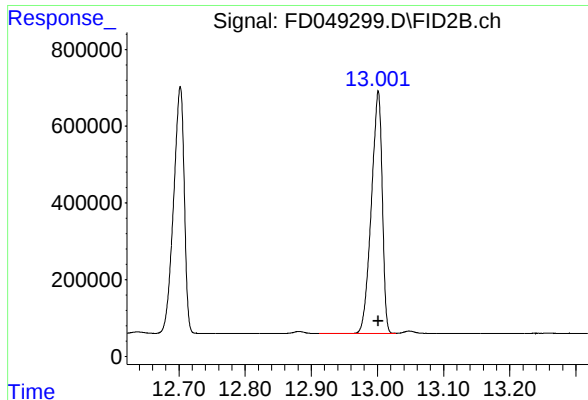
#11 ortho-Terphenyl (SURRE)

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 7202828
Conc: 51.28 ug/ml



#12 Fluoranthene (C21.85)

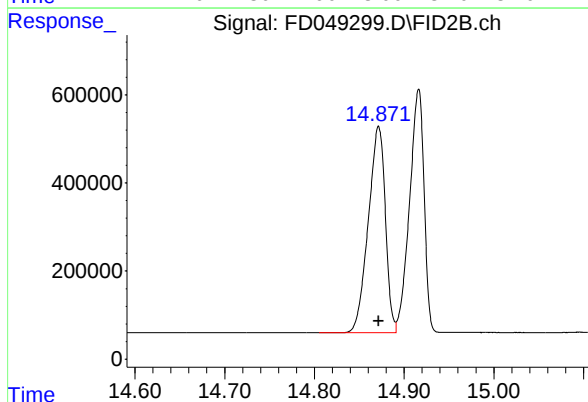
R.T.: 12.702 min
Delta R.T.: 0.000 min
Response: 7217122
Conc: 51.33 ug/ml



#13 Pyrene (C20.8)

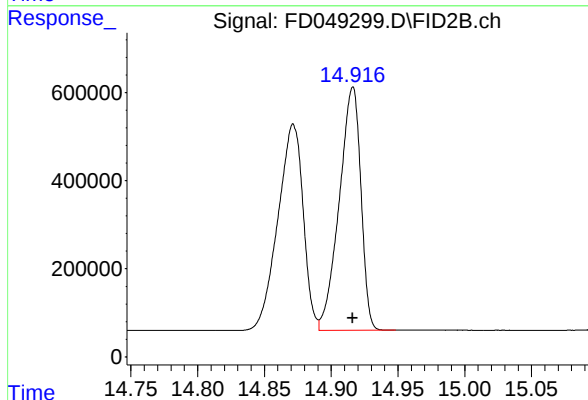
R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 7201624
Conc: 51.19 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



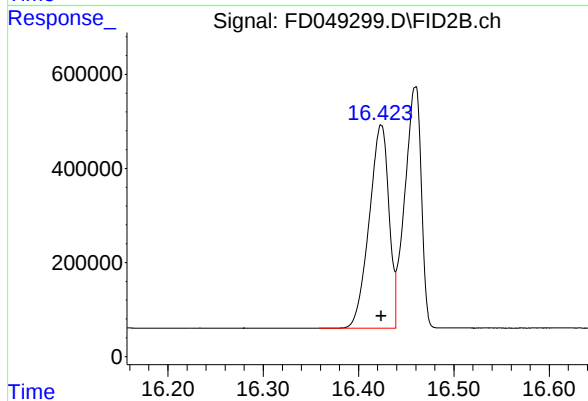
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.000 min
Response: 6177201
Conc: 51.16 ug/ml



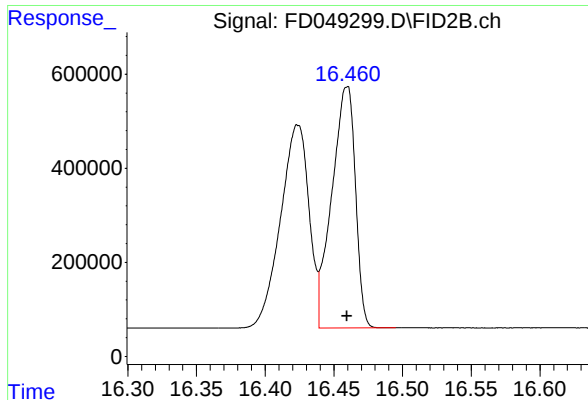
#15 Chrysene (C27.41)

R.T.: 14.916 min
Delta R.T.: 0.000 min
Response: 6224941
Conc: 51.06 ug/ml



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

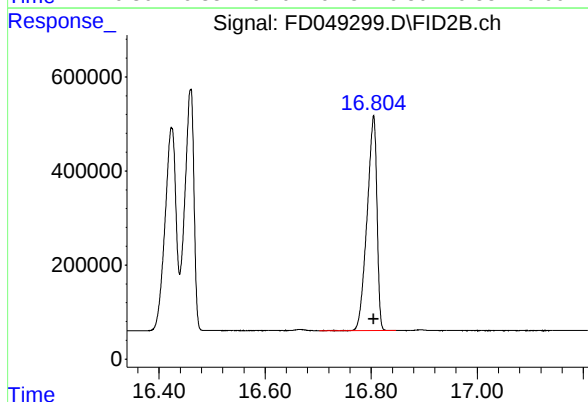
R.T.: 16.424 min
Delta R.T.: 0.000 min
Response: 6243646
Conc: 50.37 ug/ml



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

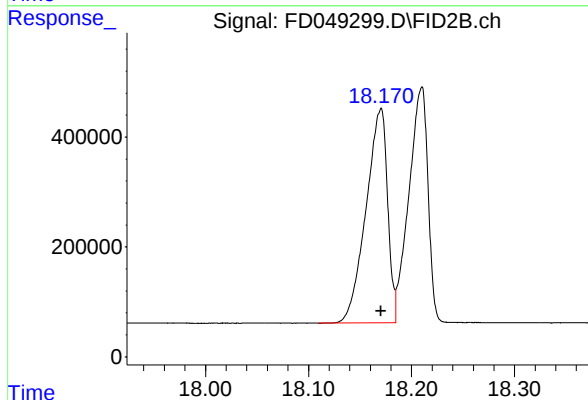
R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 6132161
Conc: 50.46 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



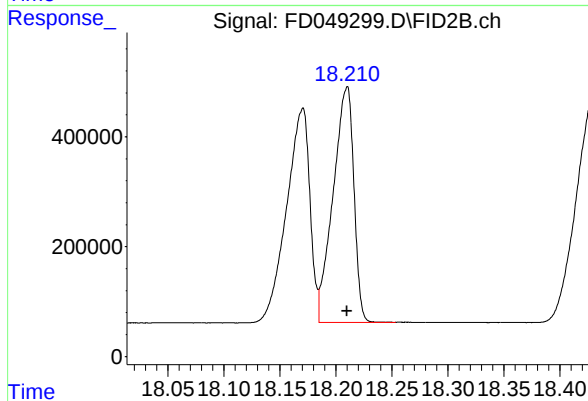
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.805 min
Delta R.T.: 0.000 min
Response: 5903388
Conc: 50.38 ug/ml



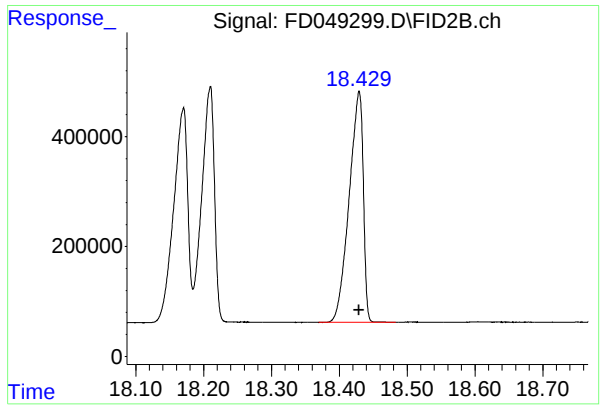
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.000 min
Response: 5669871
Conc: 50.29 ug/ml



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

R.T.: 18.210 min
Delta R.T.: 0.000 min
Response: 5532200
Conc: 50.92 ug/ml



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

R.T.: 18.429 min
Delta R.T.: 0.000 min
Response: 6085248
Conc: 50.33 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049299.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 11:07
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.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	4.531	4.485	4.575	BB	756920	6477721	87.86%	4.776%
2	6.077	6.040	6.160	BB	763061	6954877	94.33%	5.128%
3	7.131	7.077	7.182	BB	718859	6791095	92.11%	5.007%
4	7.741	7.688	7.795	BV	658308	6217746	84.34%	4.585%
5	8.411	8.350	8.455	BB	745782	7372643	100.00%	5.436%
6	8.607	8.552	8.675	BB	426866	4216284	57.19%	3.109%
7	8.708	8.675	8.743	BB	728156	7163263	97.16%	5.282%
8	9.489	9.432	9.525	BB	714807	7197835	97.63%	5.307%
9	10.888	10.841	10.927	VV	677297	7171493	97.27%	5.288%
10	10.963	10.927	11.013	VV	612463	6465378	87.69%	4.767%
11	11.652	11.595	11.697	BB	661649	7202828	97.70%	5.311%
12	12.702	12.665	12.743	VB	643704	7217122	97.89%	5.322%
13	13.001	12.912	13.028	BV	632786	7201624	97.68%	5.310%
14	14.872	14.805	14.891	BV	468489	6177201	83.79%	4.555%
15	14.916	14.891	14.948	VB	554921	6224941	84.43%	4.590%
16	16.424	16.358	16.439	BV	431975	6243646	84.69%	4.604%
17	16.460	16.439	16.495	VB	514185	6132161	83.17%	4.522%
18	16.805	16.702	16.847	BB	458222	5903388	80.07%	4.353%
19	18.170	18.110	18.185	BV	389782	5669871	76.90%	4.181%
20	18.210	18.185	18.253	VB	429894	5532200	75.04%	4.079%
21	18.429	18.370	18.483	BB	420367	6085248	82.54%	4.487%
Sum of corrected areas:						135618564		

Aromatic EPH 050125.M Thu May 01 14:17:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049300.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 11:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 01 12:25:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:24:43 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...	7.739	2478491	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.605	1662253	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.649	2905771	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2591453	20.000 ug/ml
2) T Naphthalene (C11.7)	6.075	2761370	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2699417	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2952731	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.704	2866641	20.000 ug/ml
8) T Fluorene (C16.55)	9.484	2865462	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.883	2841016	20.000 ug/ml
10) T Anthracene (C19.43)	10.957	2512883	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.696	2856915	20.000 ug/ml
13) T Pyrene (C20.8)	12.994	2858938	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2392302	20.000 ug/ml
15) T Chrysene (C27.41)	14.908	2431306	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2513672	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2480406	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2386233	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	2277626	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2240420	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2484677	20.000 ug/ml

(f)=RT Delta > 1/2 Window

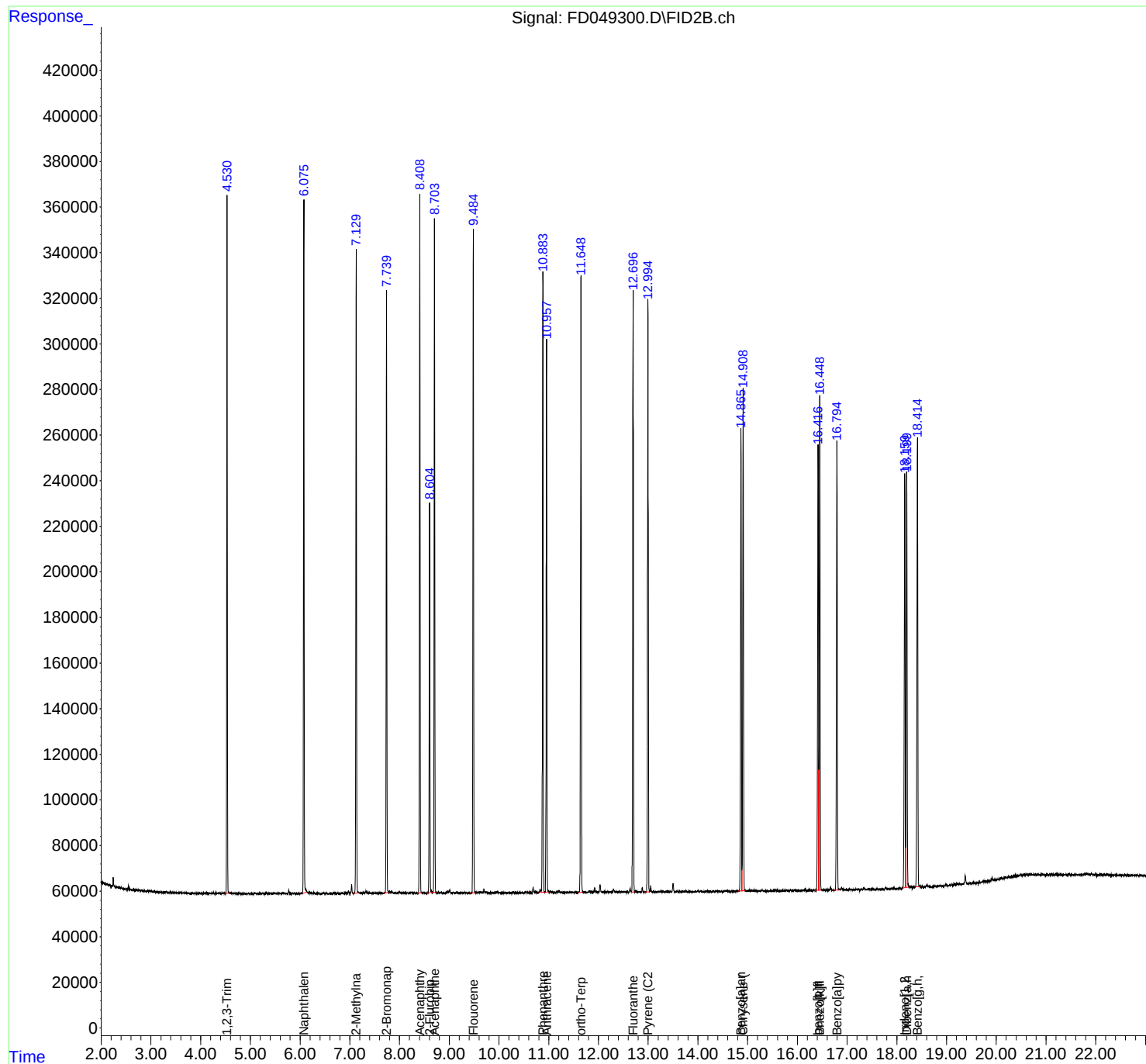
(m)=manual int.

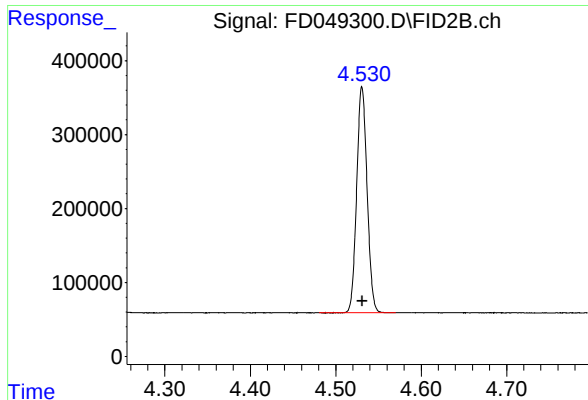
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049300.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 11:42
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: May 01 12:25:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 12:24:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

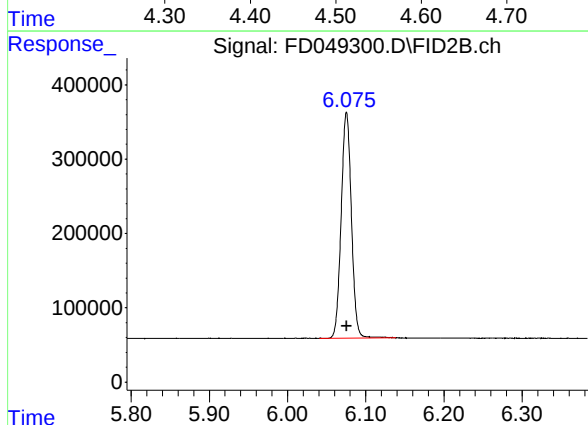




#1 1,2,3-Trimethylbenzene (C10.1)

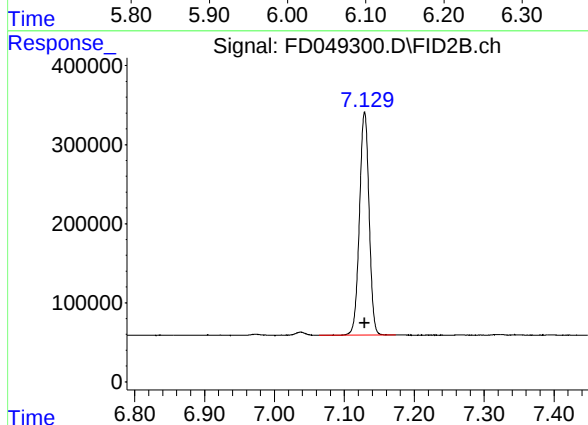
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2591453
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



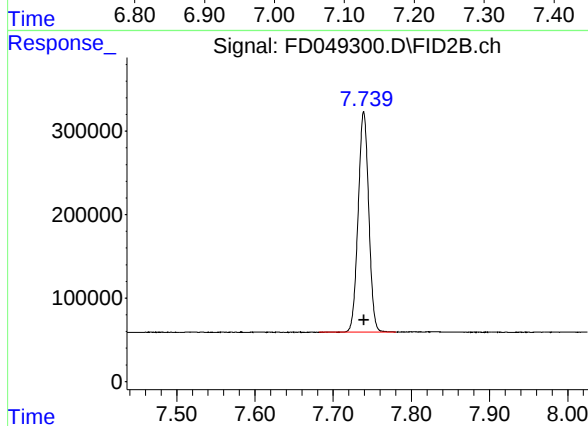
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 2761370
Conc: 20.00 ug/ml



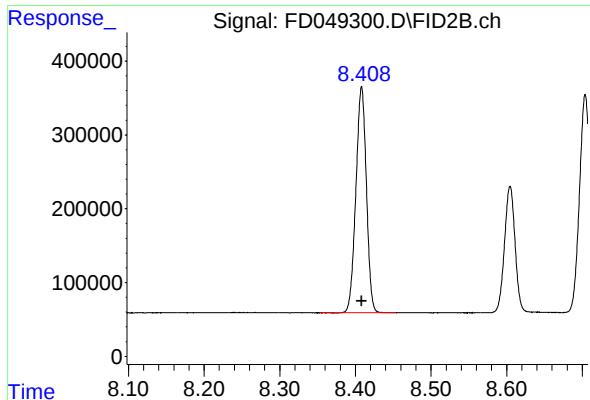
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 2699417
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

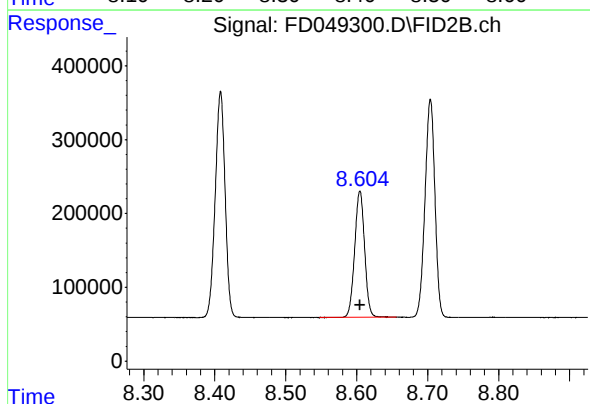
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2478491
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

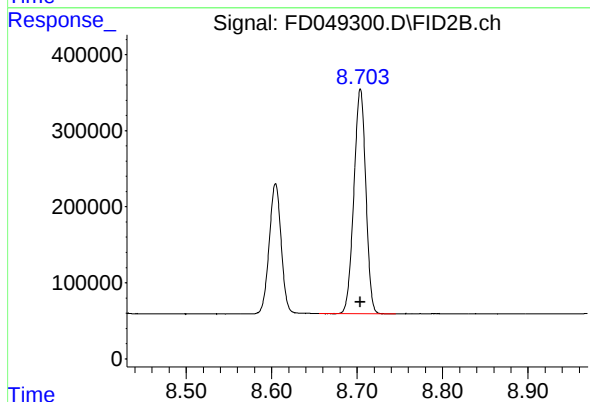
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 2952731
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



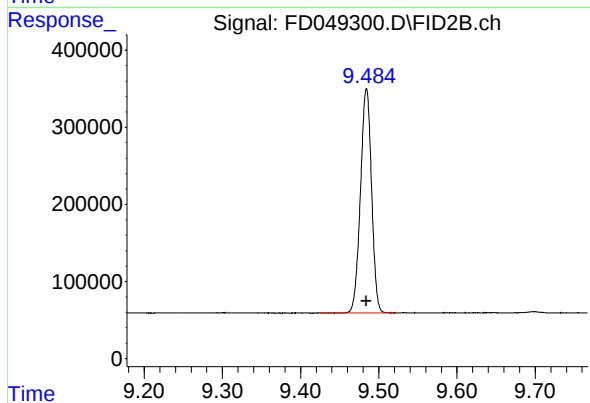
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 1662253
Conc: 20.00 ug/ml



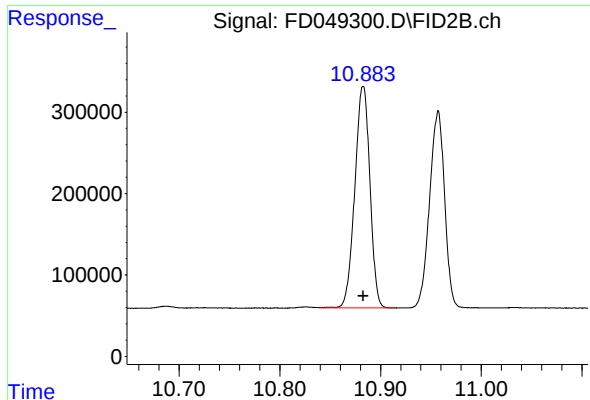
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 2866641
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

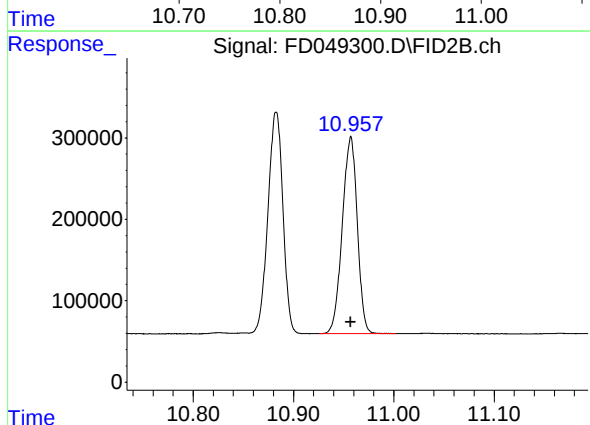
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 2865462
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

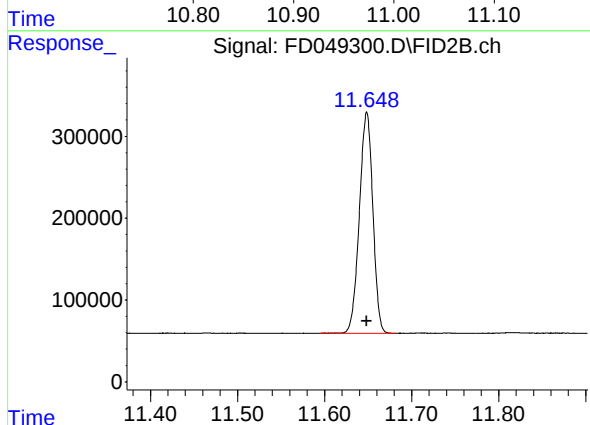
R.T.: 10.883 min
Delta R.T.: 0.000 min
Response: 2841016
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



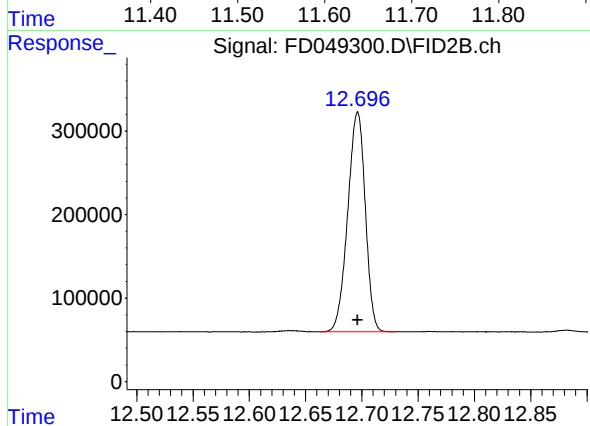
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.000 min
Response: 2512883
Conc: 20.00 ug/ml



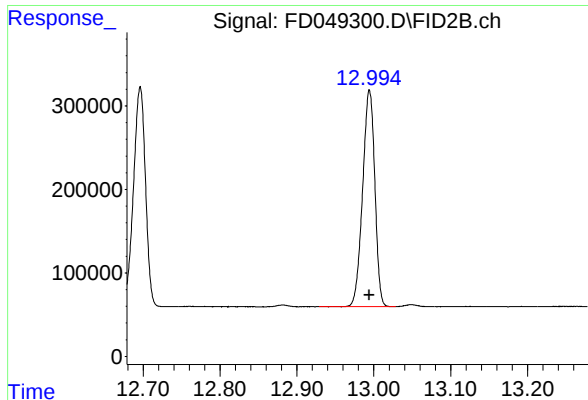
#11 ortho-Terphenyl (SURRE)

R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 2905771
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

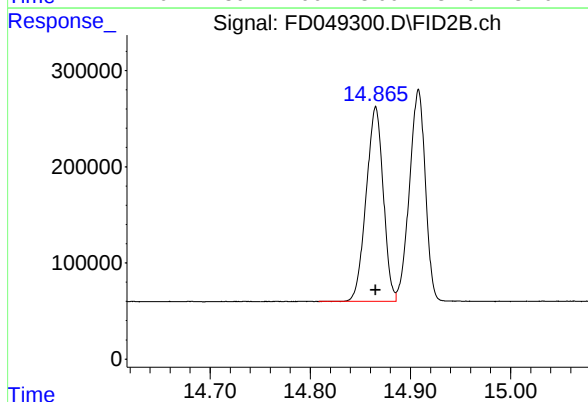
R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 2856915
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

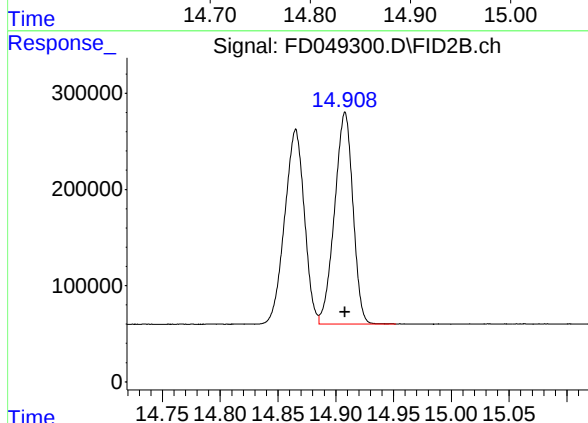
R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 2858938
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



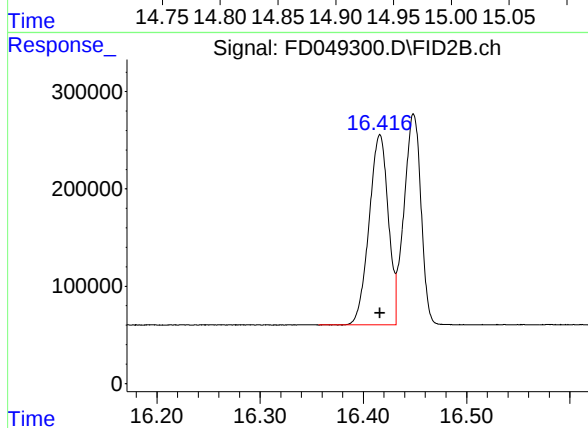
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.000 min
Response: 2392302
Conc: 20.00 ug/ml



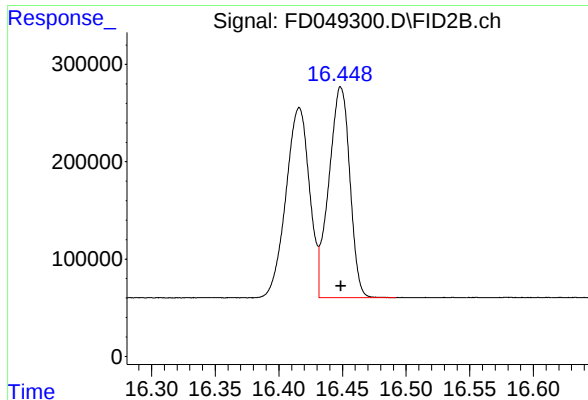
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.000 min
Response: 2431306
Conc: 20.00 ug/ml



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

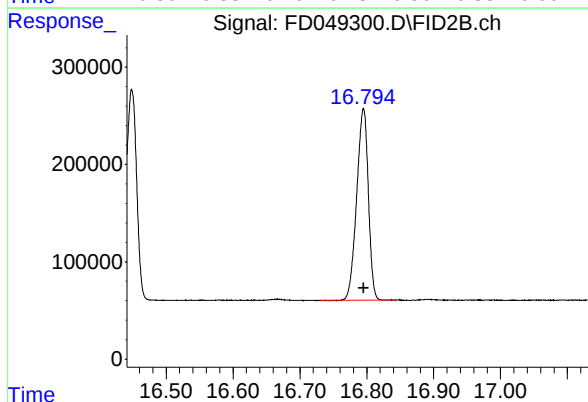
R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 2513672
Conc: 20.00 ug/ml



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

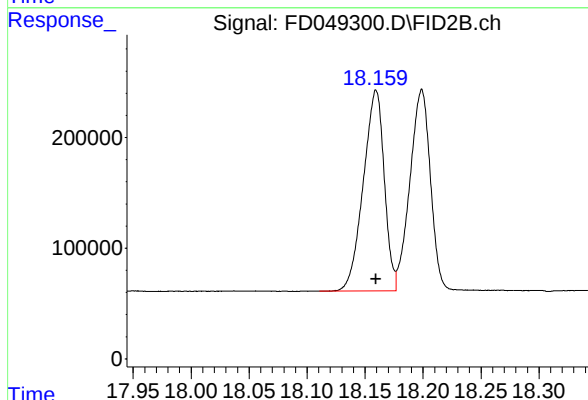
R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 2480406
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



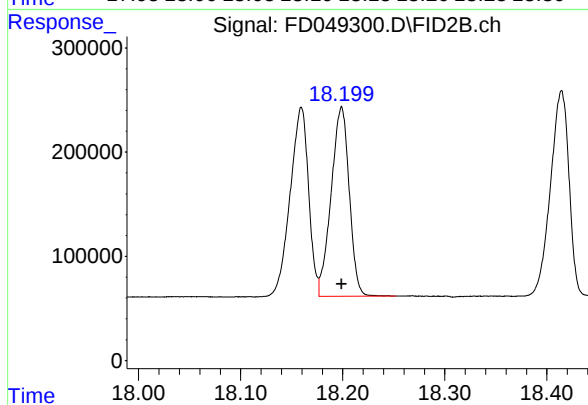
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.000 min
Response: 2386233
Conc: 20.00 ug/ml



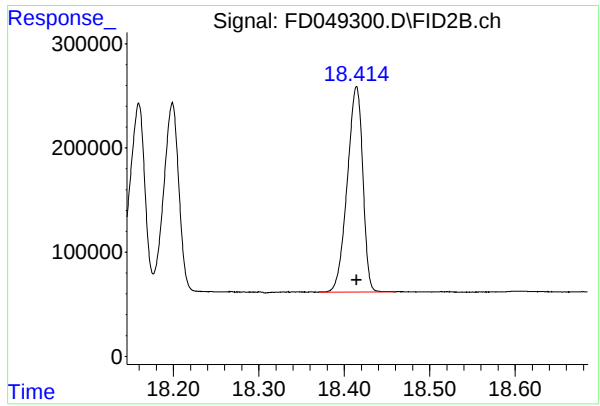
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.000 min
Response: 2277626
Conc: 20.00 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.000 min
Response: 2240420
Conc: 20.00 ug/ml



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

R.T.: 18.414 min
Delta R.T.: 0.000 min
Response: 2484677
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\FD050125AR\
 Data File : FD049300.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 11:42
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.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	4.531	4.480	4.570	BB	306314	2591453	87.76%	4.794%
2	6.075	6.040	6.139	BB	303959	2761370	93.52%	5.108%
3	7.129	7.064	7.174	BB	282251	2699417	91.42%	4.993%
4	7.739	7.682	7.780	BB	263919	2478491	83.94%	4.585%
5	8.408	8.352	8.454	BB	306696	2952731	100.00%	5.462%
6	8.605	8.547	8.655	BB	171412	1662253	56.30%	3.075%
7	8.704	8.655	8.745	BB	295677	2866641	97.08%	5.303%
8	9.484	9.424	9.522	BB	290973	2865462	97.04%	5.301%
9	10.883	10.839	10.915	VB	273403	2841016	96.22%	5.255%
10	10.957	10.925	11.002	BB	241811	2512883	85.10%	4.648%
11	11.649	11.594	11.682	BB	270408	2905771	98.41%	5.375%
12	12.696	12.662	12.730	VB	263646	2856915	96.76%	5.285%
13	12.994	12.929	13.029	BV	259917	2858938	96.82%	5.288%
14	14.865	14.809	14.886	BV	202442	2392302	81.02%	4.425%
15	14.908	14.886	14.952	VB	220255	2431306	82.34%	4.497%
16	16.416	16.357	16.432	BV	195143	2513672	85.13%	4.650%
17	16.449	16.432	16.492	VB	216634	2480406	84.00%	4.588%
18	16.795	16.729	16.844	BB	197045	2386233	80.81%	4.414%
19	18.160	18.110	18.177	BV	181565	2277626	77.14%	4.213%
20	18.199	18.177	18.252	VB	181924	2240420	75.88%	4.144%
21	18.414	18.370	18.460	BB	197123	2484677	84.15%	4.596%
Sum of corrected areas:							54059984	

Aromatic EPH 050125.M Fri May 02 05:07:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049301.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:18
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 01 12:57:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:57:15 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...	7.740	1190668	9.881 ug/ml
Spiked Amount 50.000		Recovery =	19.76%
6) S 2-Fluorobiphenyl (SURR)	8.605	783470	9.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.648	1382865	9.883 ug/ml
Spiked Amount 50.000		Recovery =	19.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	1264609	10.000 ug/ml
2) T Naphthalene (C11.7)	6.076	1312485	9.765 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	1291726	9.833 ug/ml
5) T Acenaphthylene (C15.06)	8.408	1420542	9.921 ug/ml
7) T Acenaphthene (C15.5)	8.703	1376727	9.898 ug/ml
8) T Fluorene (C16.55)	9.484	1356227	9.773 ug/ml
9) T Phenanthrene (C19.36)	10.882	1340476	9.722 ug/ml
10) T Anthracene (C19.43)	10.956	1146629	9.380 ug/ml
12) T Fluoranthene (C21.85)	12.695	1317635	9.521 ug/ml
13) T Pyrene (C20.8)	12.993	1327591	9.571 ug/ml
14) T Benzo[a]anthracene (C...	14.864	1107794	9.368 ug/ml
15) T Chrysene (C27.41)	14.905	1139733	9.503 ug/ml
16) T benzo[b]fluoranthene ...	16.413	1225399	9.915 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	1207329	9.951 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	1162010	9.938 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	1102181	9.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	1061168	9.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	1225409	10.102 ug/ml

(f)=RT Delta > 1/2 Window

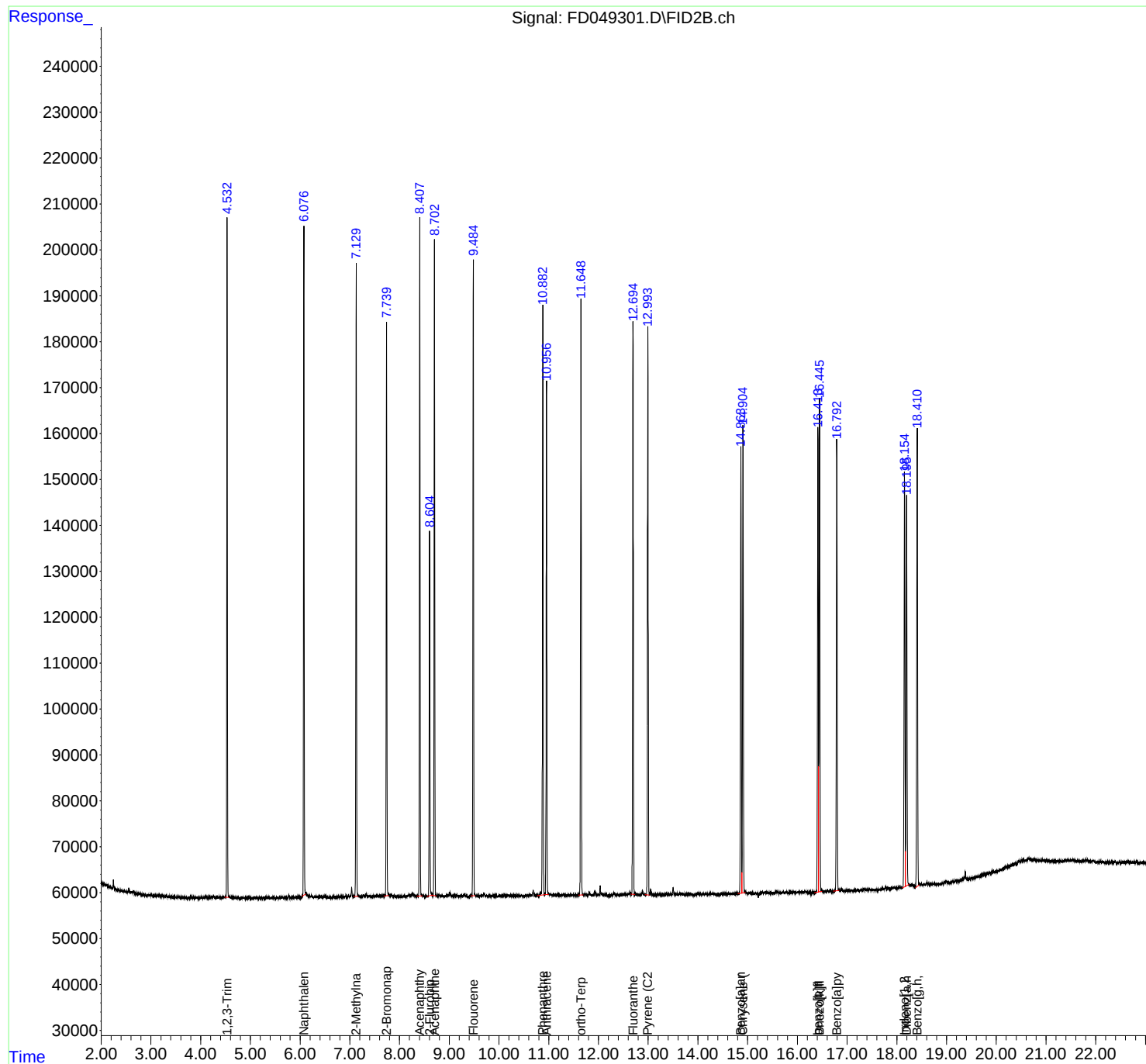
(m)=manual int.

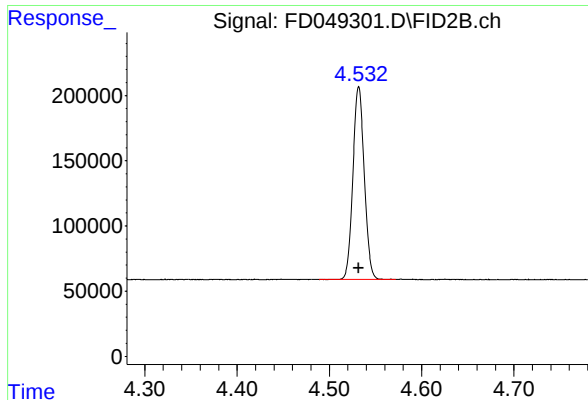
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049301.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 12:18
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: May 01 12:57:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 12:57:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

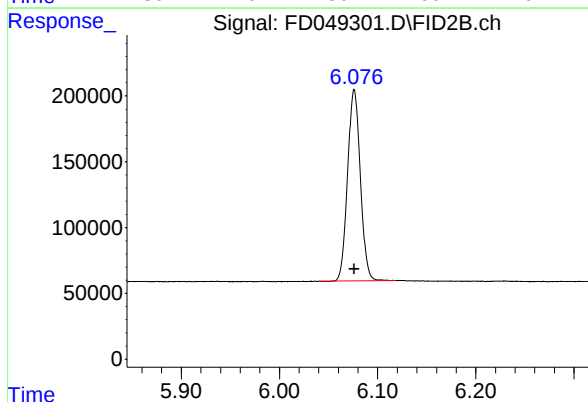




#1 1,2,3-Trimethylbenzene (C10.1)

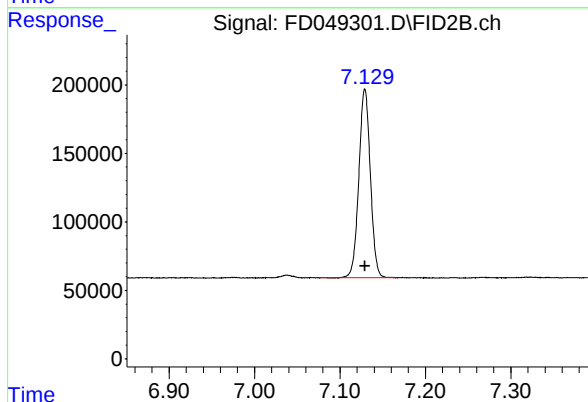
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 1264609
Conc: 10.00 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



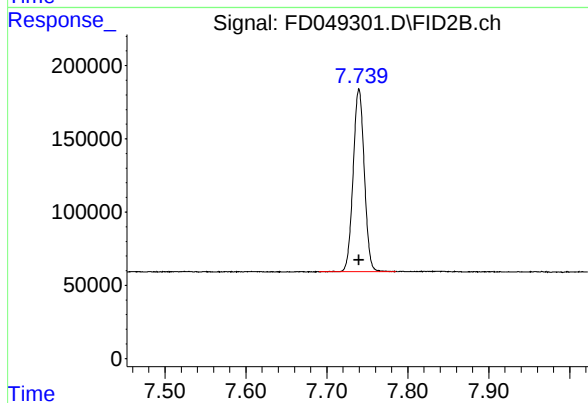
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1312485
Conc: 9.76 ug/ml



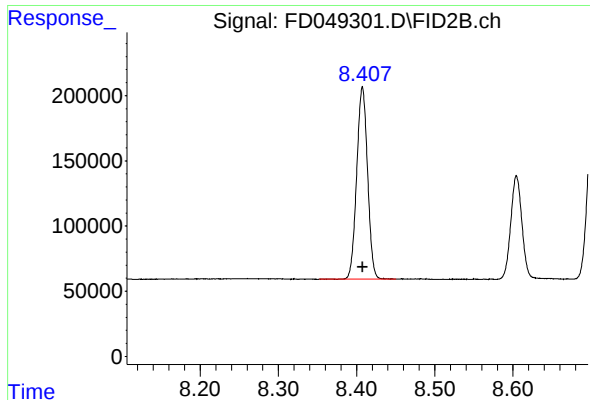
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 1291726
Conc: 9.83 ug/ml



#4 2-Bromonaphthalene (SURR)

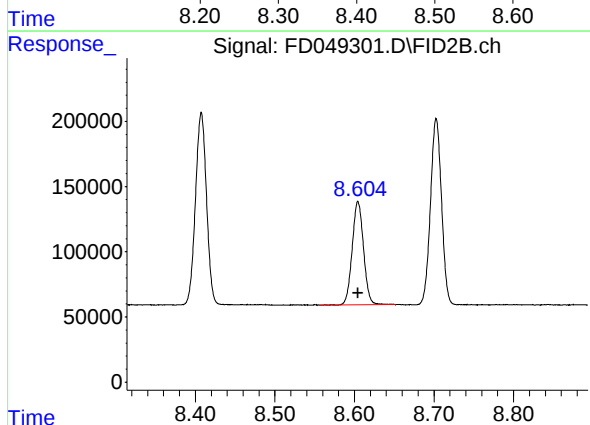
R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 1190668
Conc: 9.88 ug/ml



#5 Acenaphthylene (C15.06)

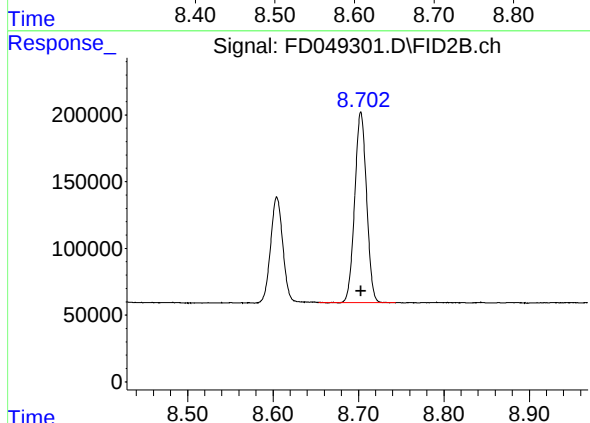
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1420542
Conc: 9.92 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



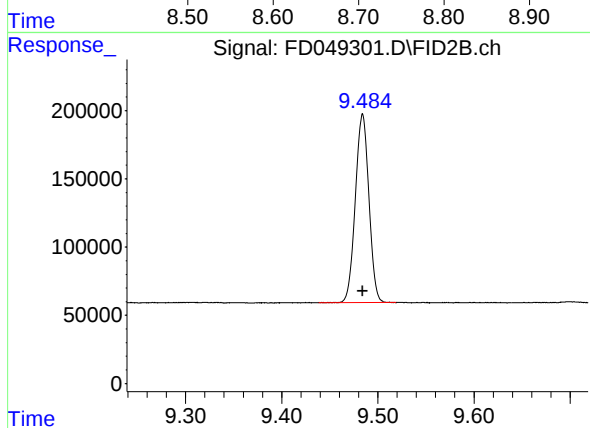
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 783470
Conc: 9.68 ug/ml



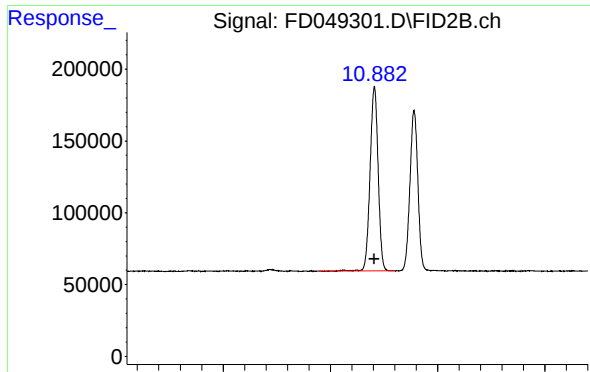
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 1376727
Conc: 9.90 ug/ml



#8 Flouorene (C16.55)

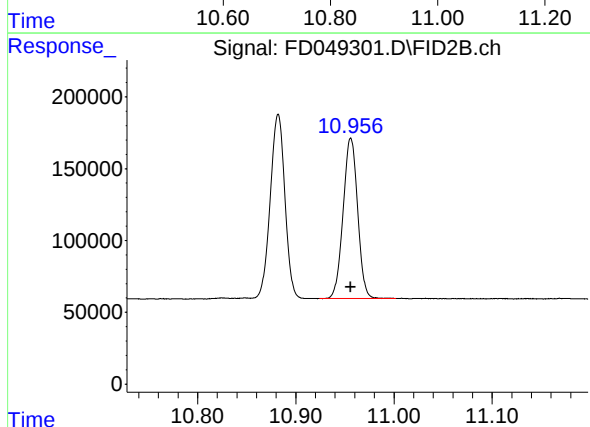
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 1356227
Conc: 9.77 ug/ml



#9 Phenanthrene (C19.36)

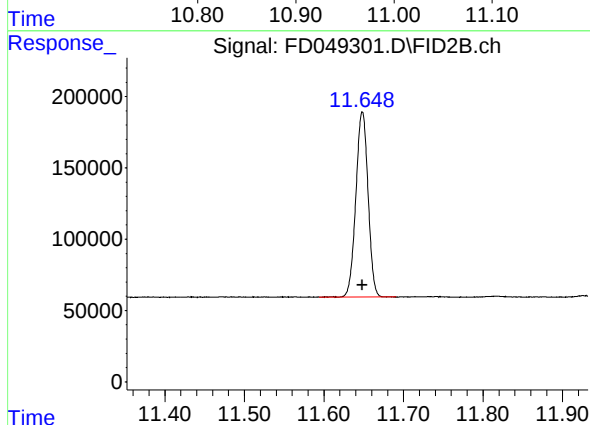
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 1340476
Conc: 9.72 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



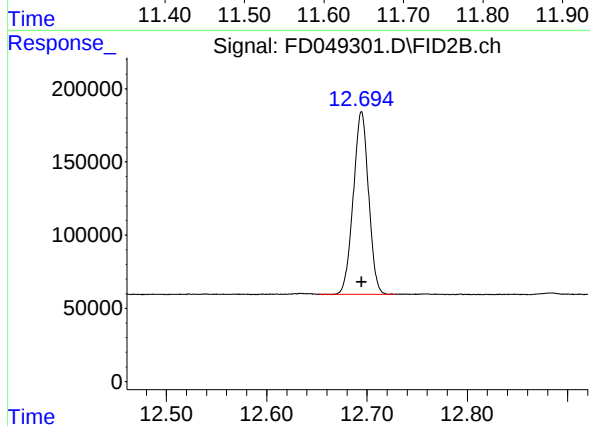
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.000 min
Response: 1146629
Conc: 9.38 ug/ml



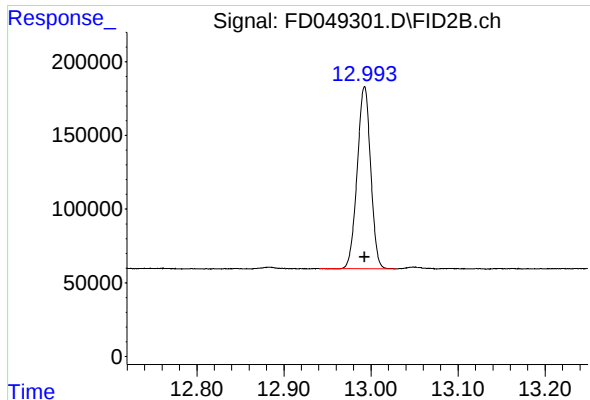
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 1382865
Conc: 9.88 ug/ml



#12 Fluoranthene (C21.85)

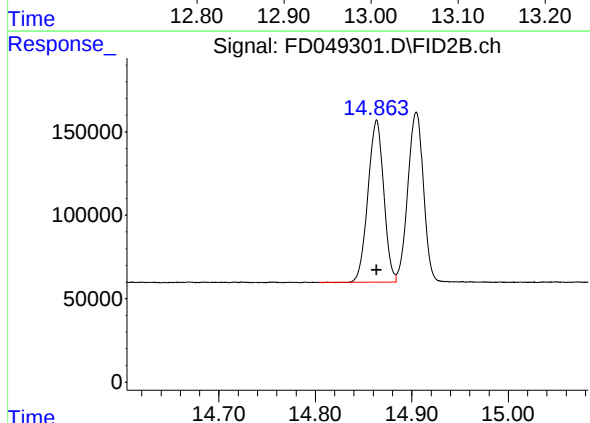
R.T.: 12.695 min
Delta R.T.: 0.000 min
Response: 1317635
Conc: 9.52 ug/ml



#13 Pyrene (C20.8)

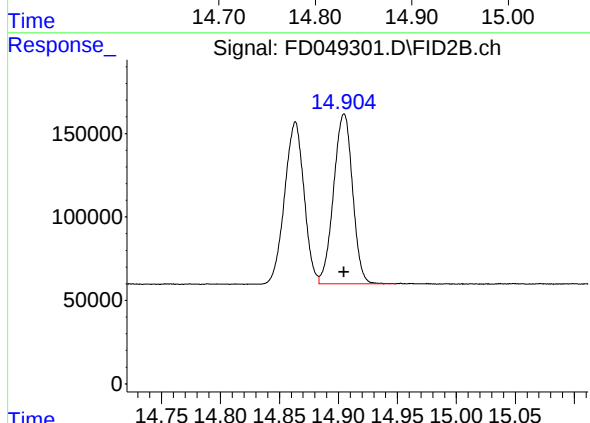
R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 1327591
Conc: 9.57 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



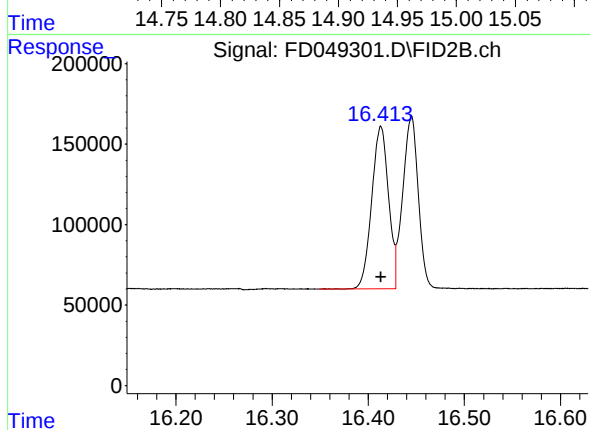
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.000 min
Response: 1107794
Conc: 9.37 ug/ml



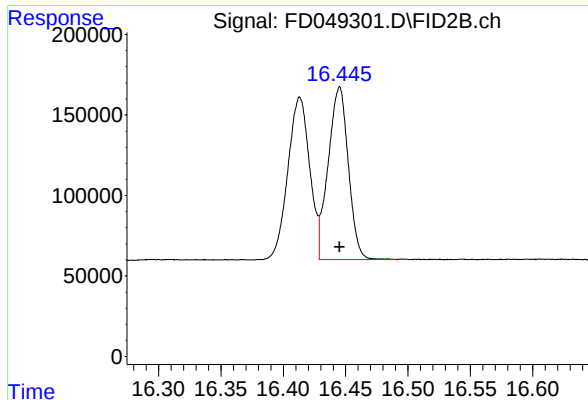
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 1139733
Conc: 9.50 ug/ml



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

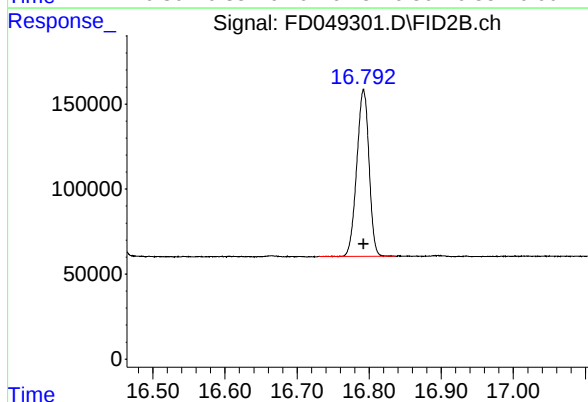
R.T.: 16.413 min
Delta R.T.: 0.000 min
Response: 1225399
Conc: 9.91 ug/ml



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

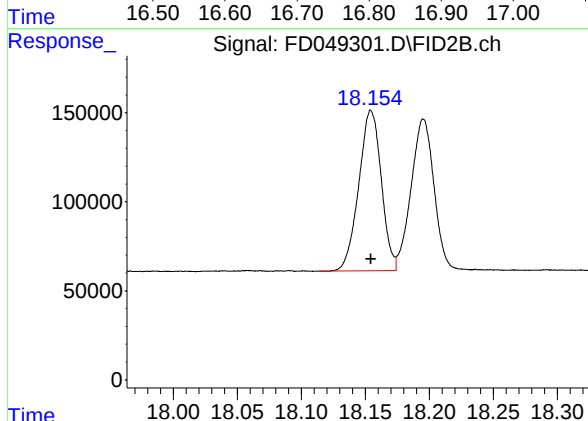
R.T.: 16.445 min
Delta R.T.: 0.000 min
Response: 1207329
Conc: 9.95 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



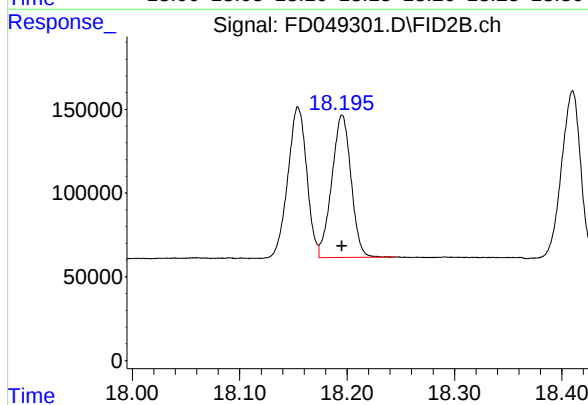
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 1162010
Conc: 9.94 ug/ml



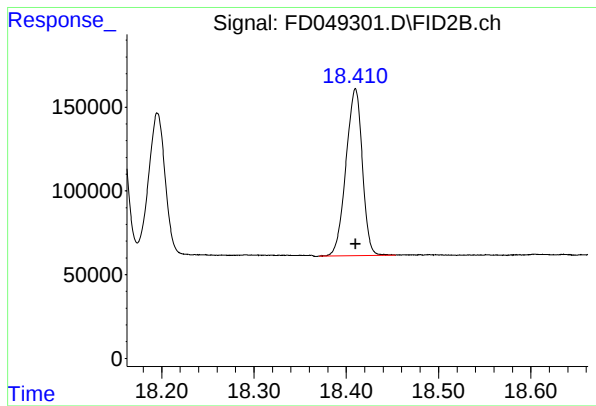
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: 0.000 min
Response: 1102181
Conc: 9.83 ug/ml



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

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 1061168
Conc: 9.82 ug/ml



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

R.T.: 18.410 min
Delta R.T.: 0.000 min
Response: 1225409
Conc: 10.10 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049301.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 12:18
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.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	4.532	4.489	4.572	BB	148006	1264609	89.02%	4.913%
2	6.076	6.040	6.119	BB	145312	1312485	92.39%	5.098%
3	7.129	7.075	7.165	BB	137993	1291726	90.93%	5.018%
4	7.740	7.690	7.785	BB	124801	1190668	83.82%	4.625%
5	8.408	8.352	8.450	BB	147393	1420542	100.00%	5.518%
6	8.605	8.555	8.652	BB	79228	783470	55.15%	3.043%
7	8.703	8.654	8.744	BB	142889	1376727	96.92%	5.348%
8	9.484	9.439	9.519	BB	137942	1356227	95.47%	5.268%
9	10.882	10.779	10.922	BB	128446	1340476	94.36%	5.207%
10	10.956	10.924	11.002	BB	111747	1146629	80.72%	4.454%
11	11.648	11.594	11.690	BB	129924	1382865	97.35%	5.372%
12	12.695	12.652	12.729	BB	124643	1317635	92.76%	5.118%
13	12.993	12.940	13.029	BV	123564	1327591	93.46%	5.157%
14	14.864	14.804	14.884	BV	97388	1107794	77.98%	4.303%
15	14.905	14.884	14.949	VB	101953	1139733	80.23%	4.427%
16	16.413	16.349	16.429	BV	100802	1225399	86.26%	4.760%
17	16.445	16.429	16.490	VB	107604	1207329	84.99%	4.690%
18	16.792	16.730	16.837	BB	98097	1162010	81.80%	4.514%
19	18.154	18.114	18.174	BV	90181	1102181	77.59%	4.282%
20	18.195	18.174	18.245	VB	84975	1061168	74.70%	4.122%
21	18.410	18.370	18.454	BB	99796	1225409	86.26%	4.760%
Sum of corrected areas:						25742674		

Aromatic EPH 050125.M Fri May 02 05:07:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049302.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:55
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 01 13:28:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:28:48 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...	7.739	554322	4.675 ug/ml
Spiked Amount 50.000		Recovery =	9.35%
6) S 2-Fluorobiphenyl (SURR)	8.604	355341	4.500 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.00%
11) S ortho-Terphenyl (SURR)	11.647	652174	4.725 ug/ml
Spiked Amount 50.000		Recovery =	9.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	592326	4.744 ug/ml
2) T Naphthalene (C11.7)	6.076	616885	4.666 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	597813	4.634 ug/ml
5) T Acenaphthylene (C15.06)	8.407	665513	4.714 ug/ml
7) T Acenaphthene (C15.5)	8.702	643365	4.696 ug/ml
8) T Fluorene (C16.55)	9.483	627418	4.609 ug/ml
9) T Phenanthrene (C19.36)	10.881	612980	4.547 ug/ml
10) T Anthracene (C19.43)	10.955	512014	4.329 ug/ml
12) T Fluoranthene (C21.85)	12.693	601392	4.463 ug/ml
13) T Pyrene (C20.8)	12.991	607748	4.493 ug/ml
14) T Benzo[a]anthracene (C...	14.861	498676	4.354 ug/ml
15) T Chrysene (C27.41)	14.903	519076	4.447 ug/ml
16) T benzo[b]fluoranthene ...	16.411	562724	4.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	555129	4.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	536028	4.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	501198	4.567 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	479962	4.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	553069	4.641 ug/ml

(f)=RT Delta > 1/2 Window

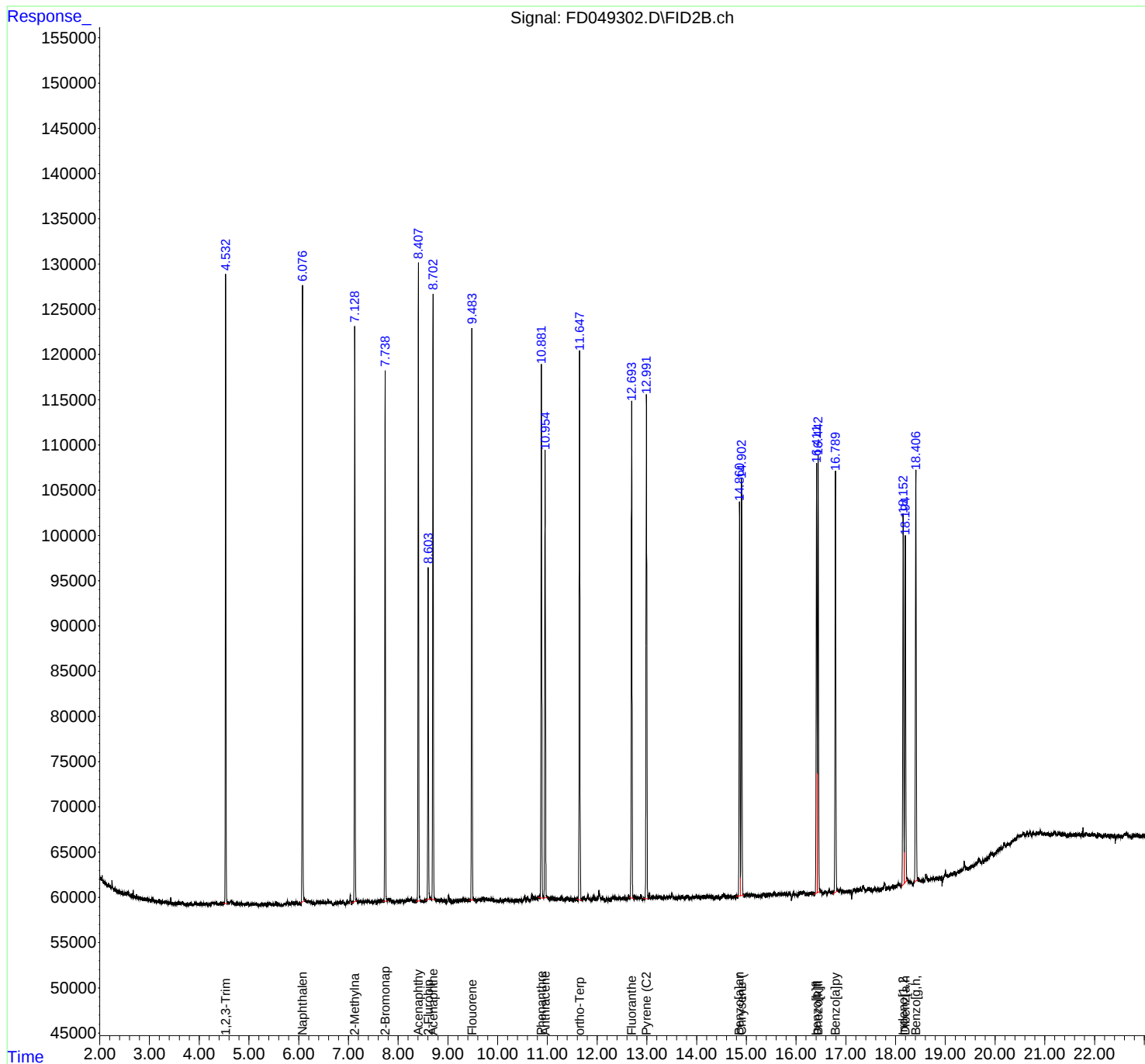
(m)=manual int.

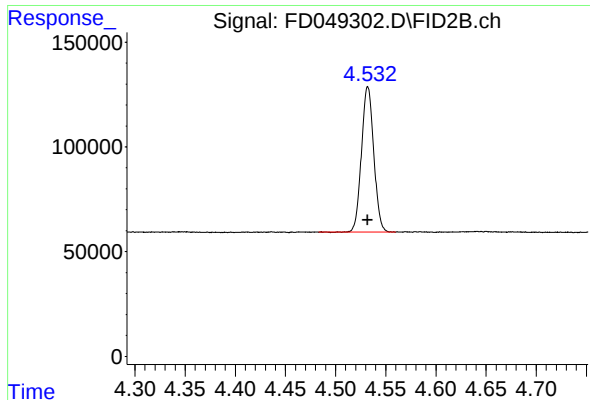
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049302.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 12:55
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: May 01 13:28:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 13:28:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

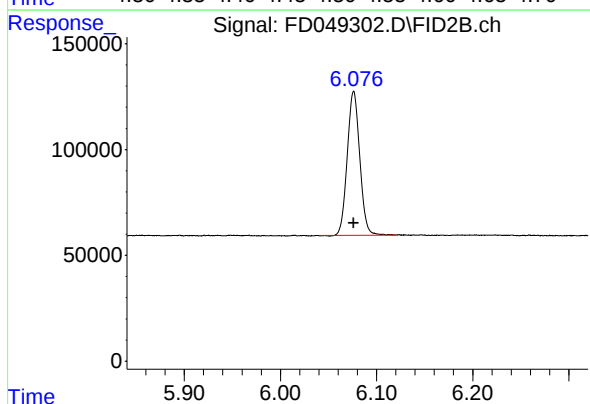




#1 1,2,3-Trimethylbenzene (C10.1)

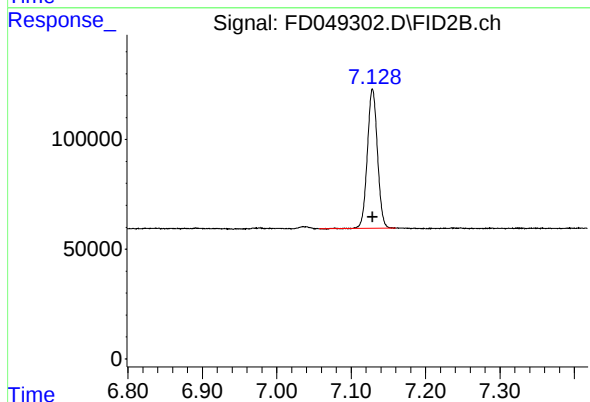
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 592326
Conc: 4.74 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



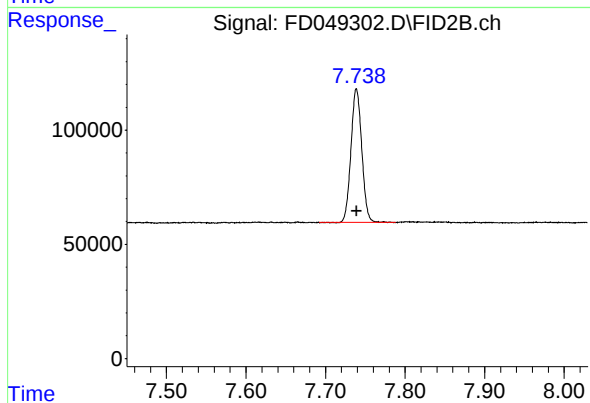
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 616885
Conc: 4.67 ug/ml



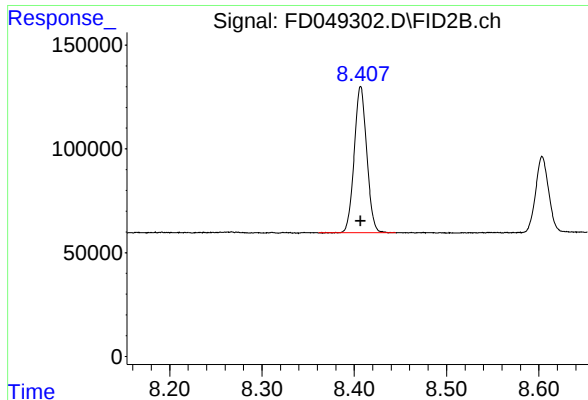
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 597813
Conc: 4.63 ug/ml



#4 2-Bromonaphthalene (SURR)

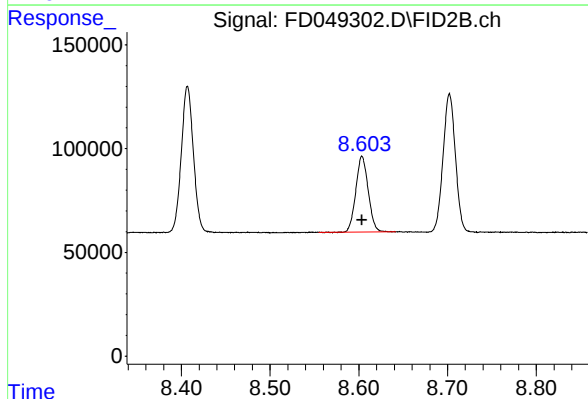
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 554322
Conc: 4.68 ug/ml



#5 Acenaphthylene (C15.06)

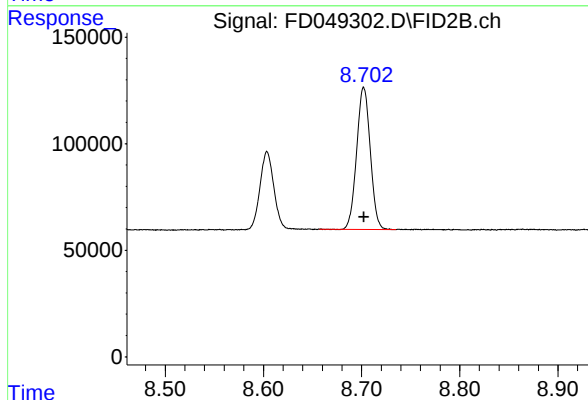
R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 665513
Conc: 4.71 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



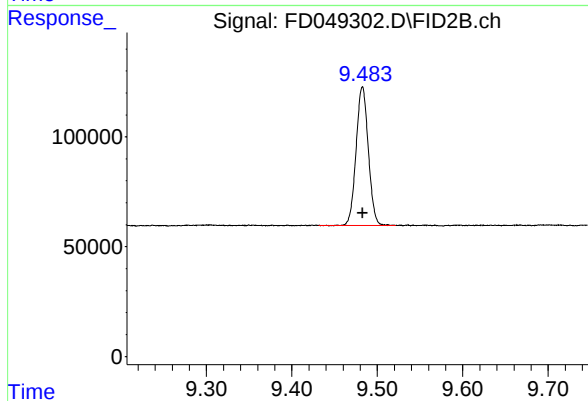
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 355341
Conc: 4.50 ug/ml



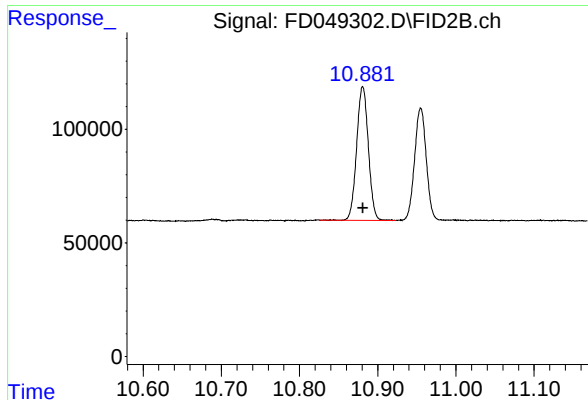
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 643365
Conc: 4.70 ug/ml



#8 Fluorene (C16.55)

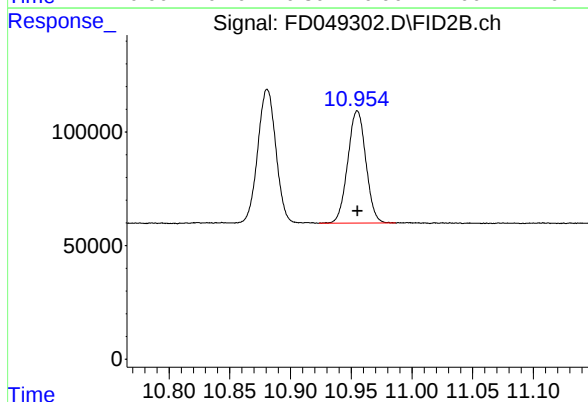
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 627418
Conc: 4.61 ug/ml



#9 Phenanthrene (C19.36)

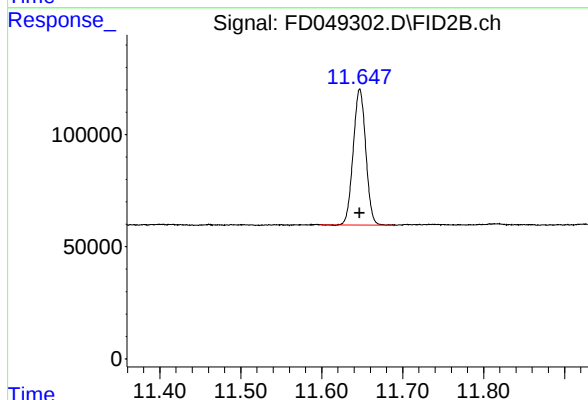
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 612980
Conc: 4.55 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



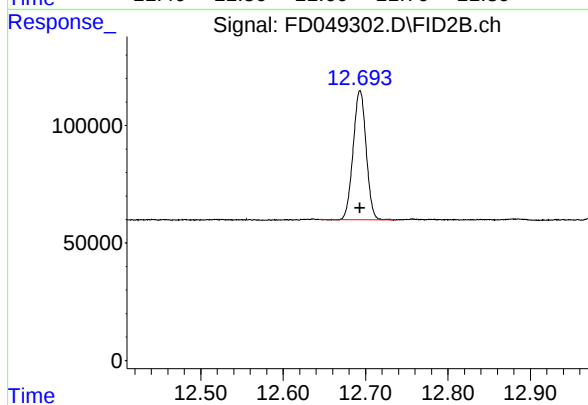
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 512014
Conc: 4.33 ug/ml



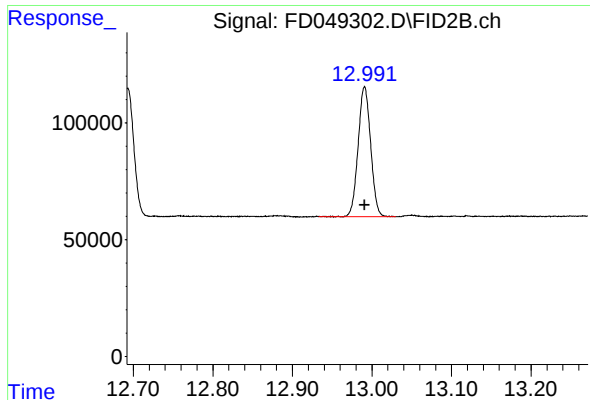
#11 ortho-Terphenyl (SURRE)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 652174
Conc: 4.73 ug/ml



#12 Fluoranthene (C21.85)

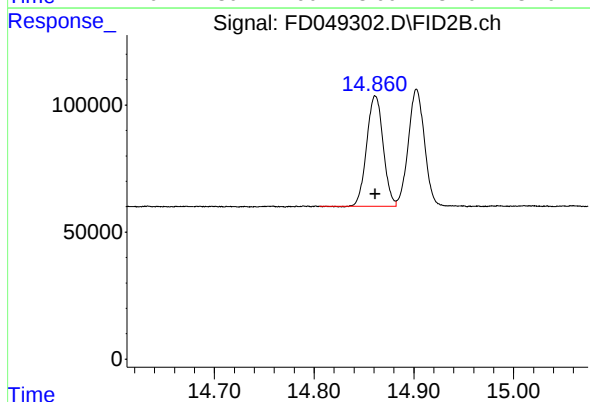
R.T.: 12.693 min
Delta R.T.: 0.000 min
Response: 601392
Conc: 4.46 ug/ml



#13 Pyrene (C20.8)

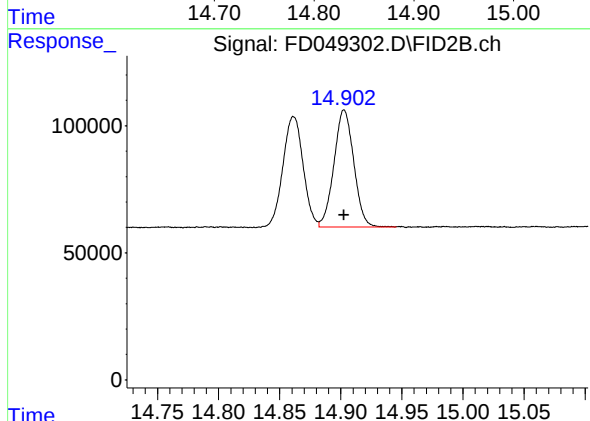
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 607748
Conc: 4.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



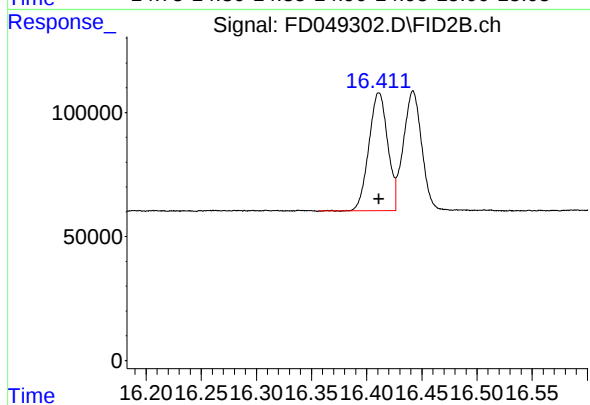
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 498676
Conc: 4.35 ug/ml



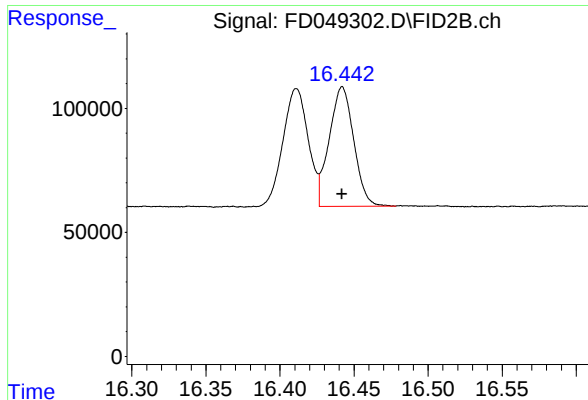
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: 0.000 min
Response: 519076
Conc: 4.45 ug/ml



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

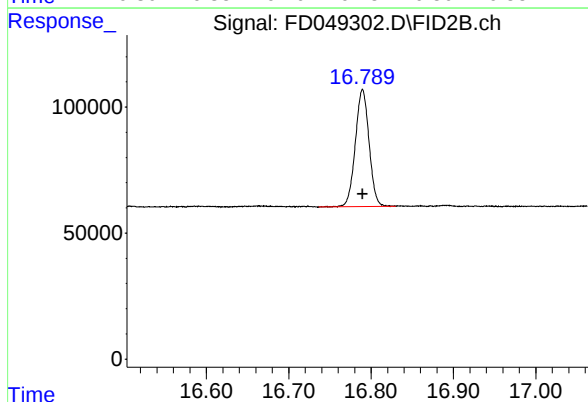
R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 562724
Conc: 4.64 ug/ml



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

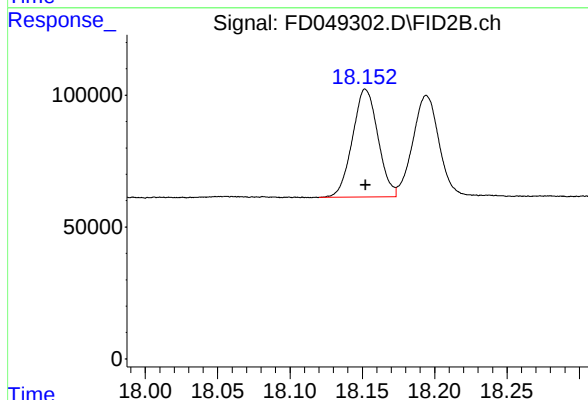
R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 555129
Conc: 4.65 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



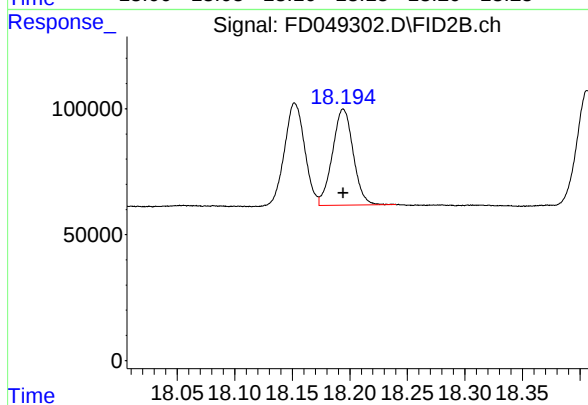
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: 0.000 min
Response: 536028
Conc: 4.66 ug/ml



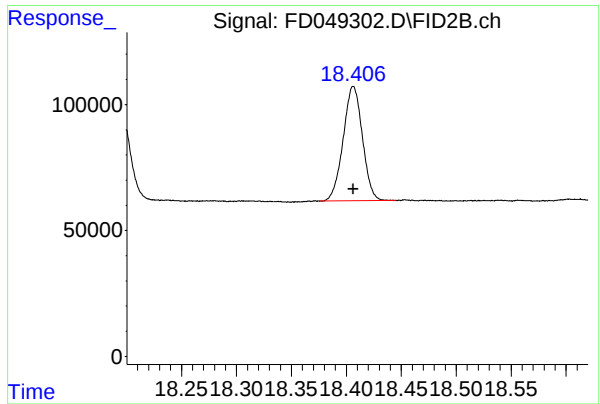
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: 0.000 min
Response: 501198
Conc: 4.57 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.000 min
Response: 479962
Conc: 4.54 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.000 min
Response: 553069
Conc: 4.64 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049302.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:55
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.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	4.532	4.483	4.560	BB	69528	592326	89.00%	5.001%
2	6.076	6.040	6.120	BB	68248	616885	92.69%	5.208%
3	7.129	7.057	7.160	BB	63653	597813	89.83%	5.047%
4	7.739	7.692	7.788	BB	58612	554322	83.29%	4.680%
5	8.407	8.362	8.445	BB	70619	665513	100.00%	5.618%
6	8.604	8.555	8.642	BB	36581	355341	53.39%	3.000%
7	8.702	8.657	8.735	BB	66705	643365	96.67%	5.431%
8	9.483	9.432	9.522	BB	63316	627418	94.28%	5.297%
9	10.881	10.825	10.923	BB	58840	612980	92.11%	5.175%
10	10.955	10.923	10.987	BB	49484	512014	76.94%	4.323%
11	11.647	11.597	11.692	BB	60590	652174	98.00%	5.506%
12	12.693	12.643	12.737	BB	54927	601392	90.37%	5.077%
13	12.991	12.933	13.030	BB	55558	607748	91.32%	5.131%
14	14.861	14.805	14.882	BV	43433	498676	74.93%	4.210%
15	14.903	14.882	14.945	VB	46057	519076	78.00%	4.382%
16	16.411	16.357	16.426	BV	47547	562724	84.56%	4.751%
17	16.442	16.426	16.478	VB	48220	555129	83.41%	4.687%
18	16.790	16.737	16.830	BB	46561	536028	80.54%	4.525%
19	18.152	18.120	18.173	BV	40953	501198	75.31%	4.231%
20	18.194	18.173	18.240	VB	38179	479962	72.12%	4.052%
21	18.406	18.375	18.445	BB	45437	553069	83.10%	4.669%
Sum of corrected areas:						11845153		

Aromatic EPH 050125.M Fri May 02 05:08:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049303.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 13:31
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 01 14:31:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	2463844	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
6) S 2-Fluorobiphenyl (SURR)	8.605	1634987	20.703 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.41%
11) S ortho-Terphenyl (SURR)	11.649	2843246	20.600 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2586379	20.715 ug/ml
2) T Naphthalene (C11.7)	6.075	2718291	20.561 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2677906	20.758 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2925539	20.724 ug/ml
7) T Acenaphthene (C15.5)	8.703	2839578	20.725 ug/ml
8) T Fluorene (C16.55)	9.485	2821446	20.728 ug/ml
9) T Phenanthrene (C19.36)	10.883	2757134	20.450 ug/ml
10) T Anthracene (C19.43)	10.957	2430615	20.552 ug/ml
12) T Fluoranthene (C21.85)	12.697	2761084	20.488 ug/ml
13) T Pyrene (C20.8)	12.995	2761336	20.413 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2319946	20.254 ug/ml
15) T Chrysene (C27.41)	14.908	2361362	20.232 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2465786	20.314 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2425894	20.341 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2350703	20.444 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	2223472	20.261 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2176851	20.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2437299	20.452 ug/ml

(f)=RT Delta > 1/2 Window

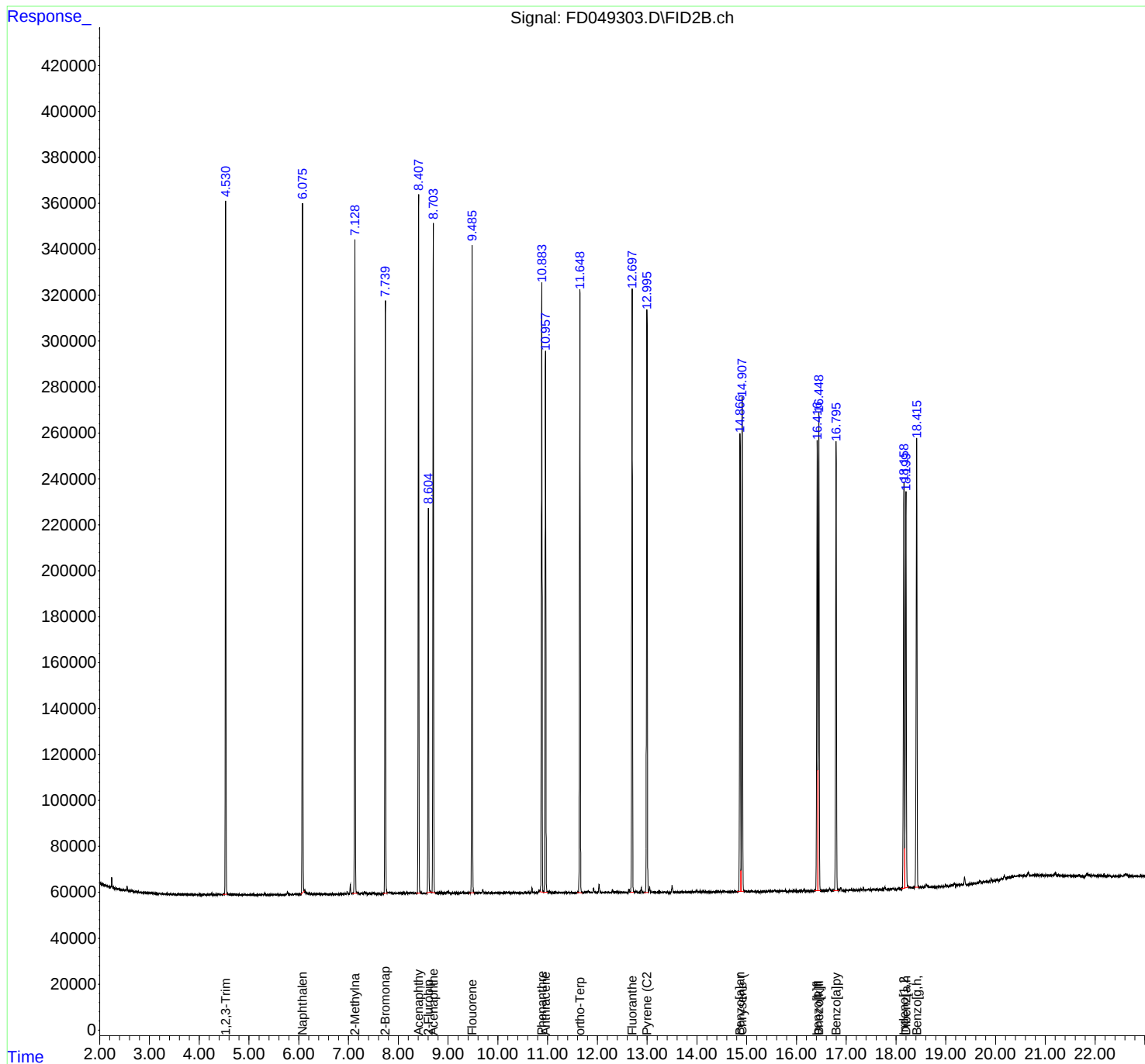
(m)=manual int.

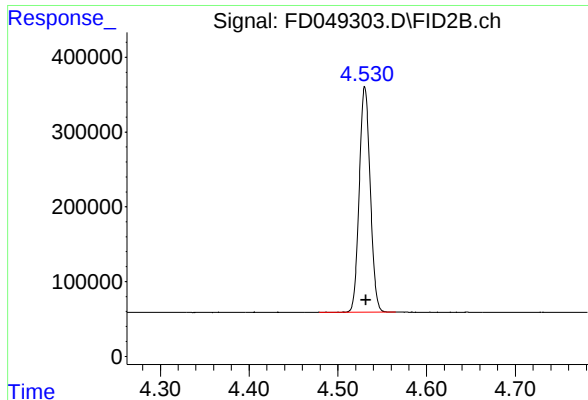
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049303.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 13:31
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 01 14:31:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 13:29:48 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)

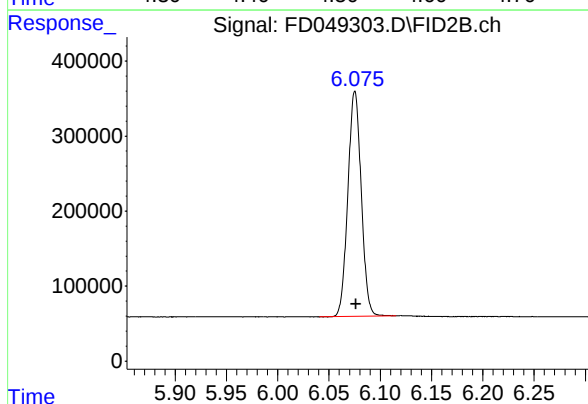
R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 2586379
Conc: 20.71 ug/ml

Instrument :

FID_D

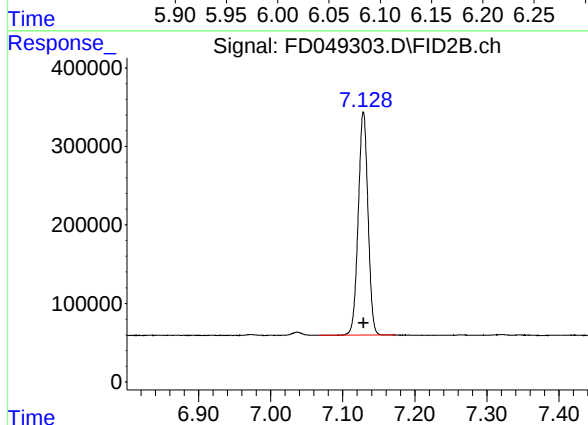
ClientSampleId :

20 PPM AROMATIC HC STD ICV



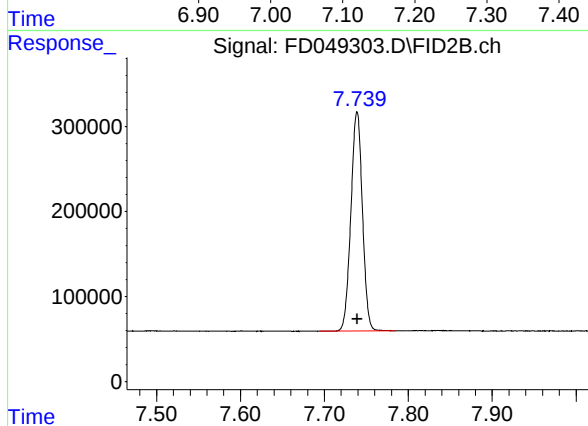
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 2718291
Conc: 20.56 ug/ml



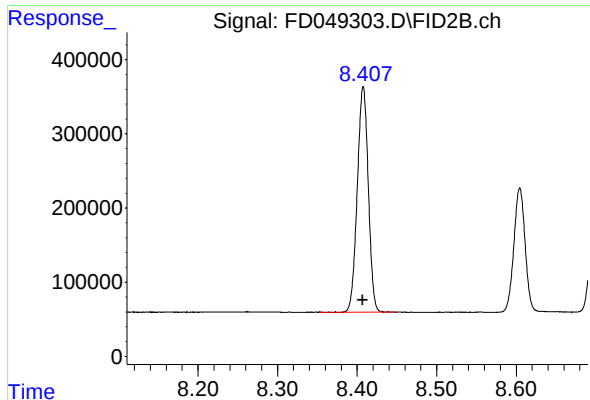
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 2677906
Conc: 20.76 ug/ml



#4 2-Bromonaphthalene (SURR)

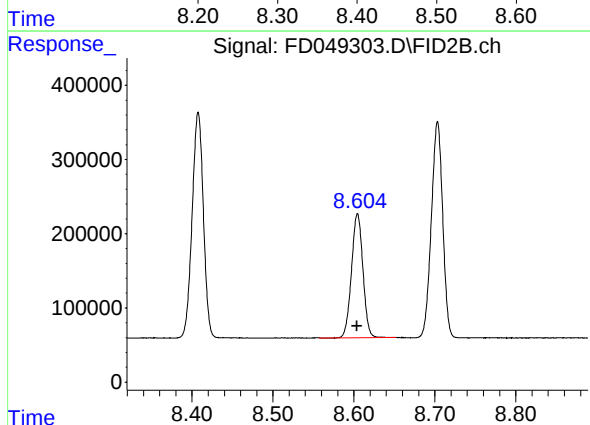
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2463844
Conc: 20.78 ug/ml



#5 Acenaphthylene (C15.06)

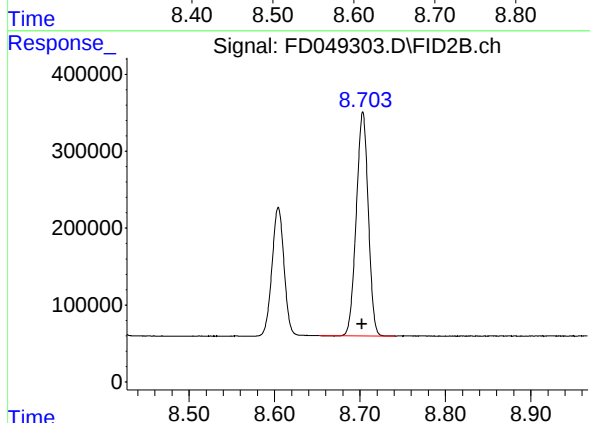
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 2925539
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



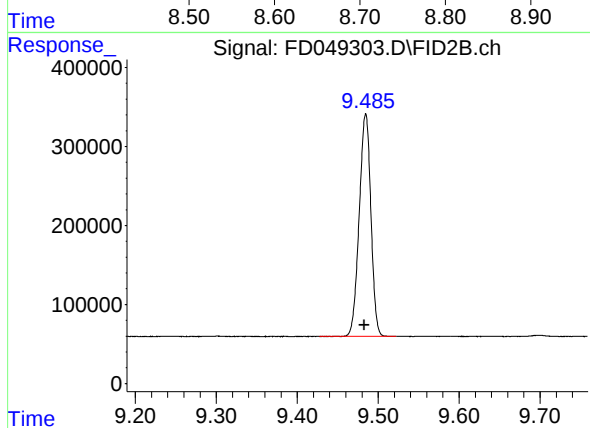
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 1634987
Conc: 20.70 ug/ml



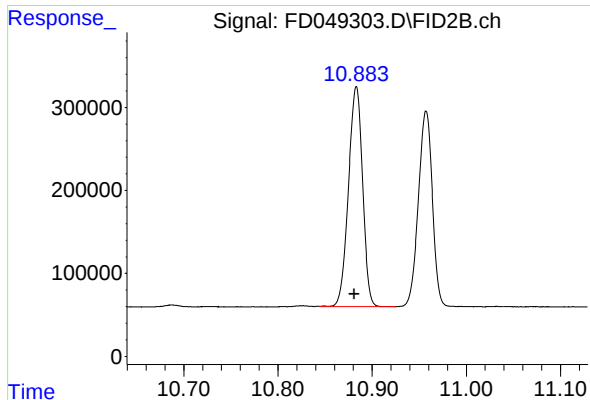
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.001 min
Response: 2839578
Conc: 20.72 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.485 min
Delta R.T.: 0.002 min
Response: 2821446
Conc: 20.73 ug/ml



#9 Phenanthrene (C19.36)

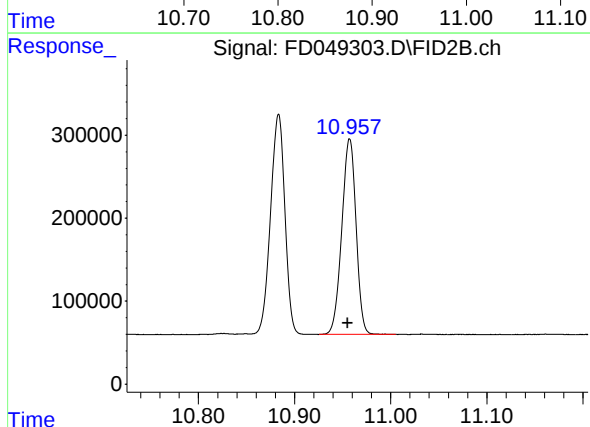
R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2757134
Conc: 20.45 ug/ml

Instrument :

FID_D

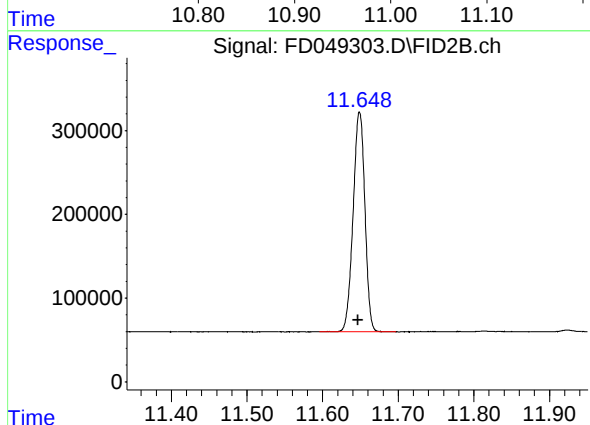
ClientSampleId :

20 PPM AROMATIC HC STD ICV



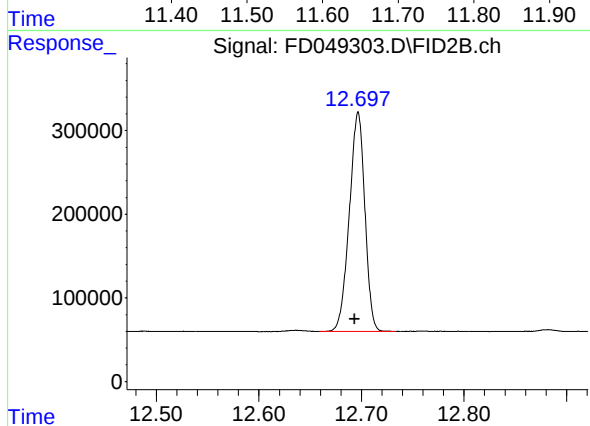
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 2430615
Conc: 20.55 ug/ml



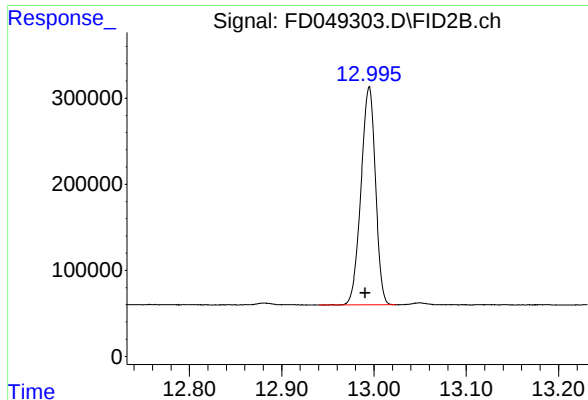
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2843246
Conc: 20.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.697 min
Delta R.T.: 0.004 min
Response: 2761084
Conc: 20.49 ug/ml



#13 Pyrene (C20.8)

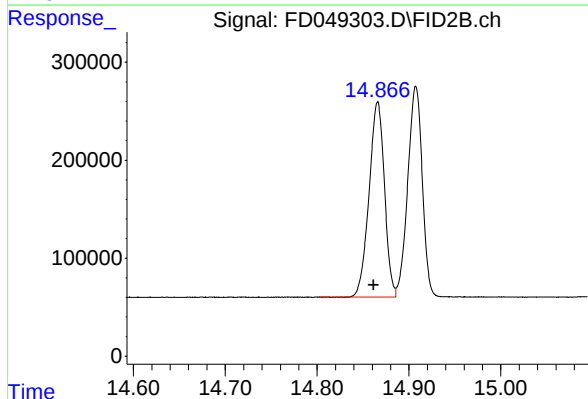
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 2761336
Conc: 20.41 ug/ml

Instrument :

FID_D

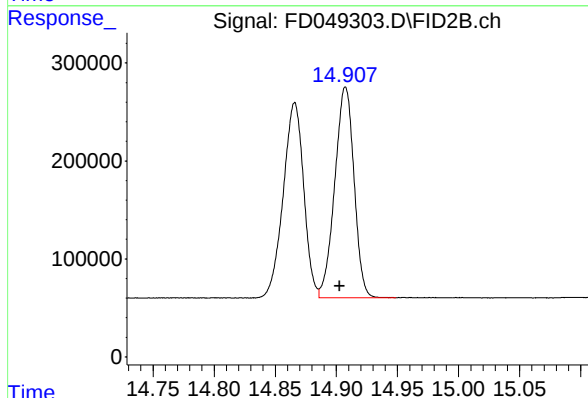
ClientSampleId :

20 PPM AROMATIC HC STD ICV



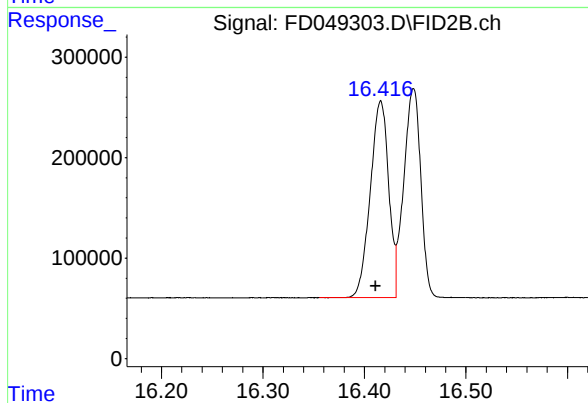
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.005 min
Response: 2319946
Conc: 20.25 ug/ml



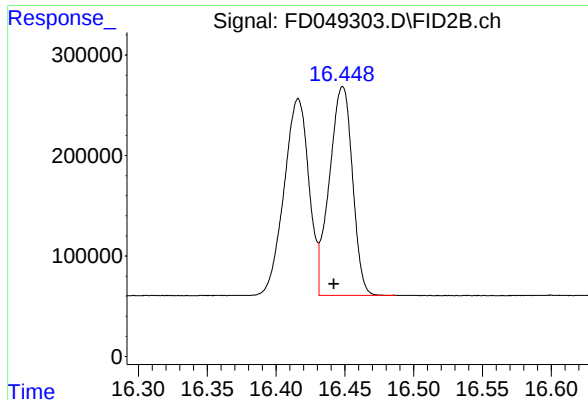
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.005 min
Response: 2361362
Conc: 20.23 ug/ml



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

R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2465786
Conc: 20.31 ug/ml



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

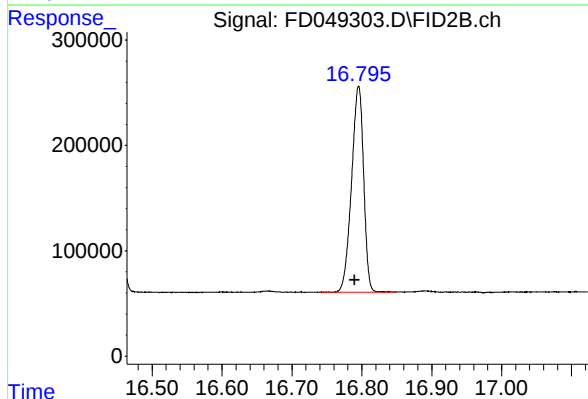
R.T.: 16.448 min
Delta R.T.: 0.006 min
Response: 2425894
Conc: 20.34 ug/ml

Instrument :

FID_D

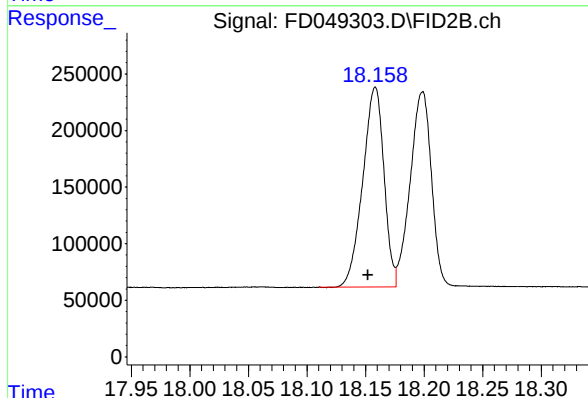
ClientSampleId :

20 PPM AROMATIC HC STD ICV



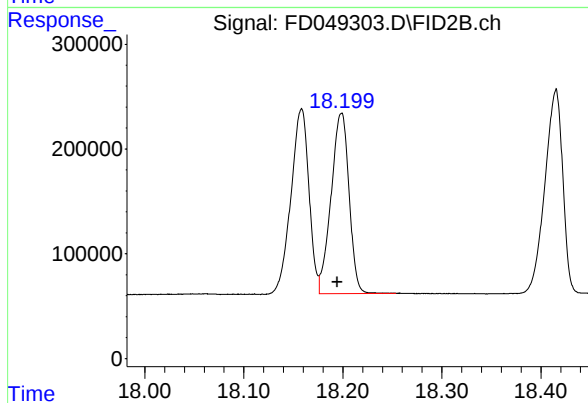
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.006 min
Response: 2350703
Conc: 20.44 ug/ml



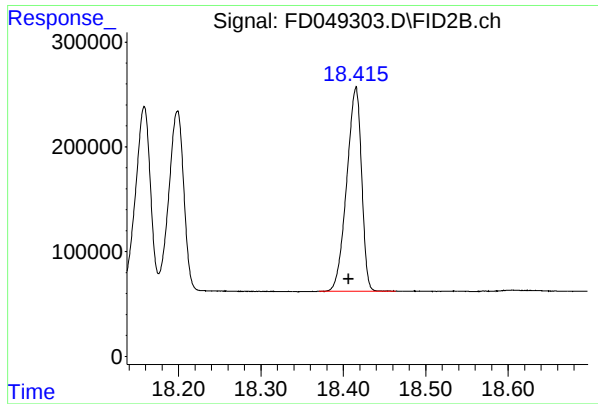
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.006 min
Response: 2223472
Conc: 20.26 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.004 min
Response: 2176851
Conc: 20.61 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2437299
Conc: 20.45 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
Data File : FD049303.D
Signal(s) : FID2B.ch
Acq On : 01 May 2025 13:31
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.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	4.531	4.479	4.565	BB	301505	2586379	88.41%	4.882%
2	6.075	6.040	6.115	BB	299909	2718291	92.92%	5.131%
3	7.129	7.067	7.174	BB	284894	2677906	91.54%	5.054%
4	7.739	7.694	7.785	BB	258044	2463844	84.22%	4.650%
5	8.408	8.352	8.449	BB	304186	2925539	100.00%	5.522%
6	8.605	8.557	8.652	BB	166860	1634987	55.89%	3.086%
7	8.703	8.652	8.742	BB	291659	2839578	97.06%	5.359%
8	9.485	9.427	9.522	BB	282412	2821446	96.44%	5.325%
9	10.883	10.844	10.925	BV	265642	2757134	94.24%	5.204%
10	10.957	10.925	11.005	PB	236123	2430615	83.08%	4.588%
11	11.649	11.595	11.697	BB	262612	2843246	97.19%	5.366%
12	12.697	12.659	12.734	BB	262813	2761084	94.38%	5.211%
13	12.995	12.940	13.024	BV	254172	2761336	94.39%	5.212%
14	14.866	14.802	14.886	BV	199244	2319946	79.30%	4.379%
15	14.908	14.886	14.949	VB	215436	2361362	80.72%	4.457%
16	16.416	16.355	16.431	BV	195745	2465786	84.28%	4.654%
17	16.448	16.431	16.487	VB	208217	2425894	82.92%	4.579%
18	16.795	16.739	16.849	BB	195634	2350703	80.35%	4.437%
19	18.158	18.110	18.176	BV	176897	2223472	76.00%	4.197%
20	18.199	18.176	18.254	VB	172235	2176851	74.41%	4.109%
21	18.415	18.370	18.464	BB	194794	2437299	83.31%	4.600%
Sum of corrected areas:							52982696	

Aromatic EPH 050125.M Fri May 02 05:08:40 2025