

Initial Calibration Report for SequenceID : FF111524AR

AreaCount

Parameter Range	FF015043.D	FF015044.D	FF015045.D	FF015046.D	FF015047.D	
Aromatic C10-C12	25624619.000	12840457.000	5431334.000	2862696.000	1484837.000	
Aromatic C12-C16	38044279.000	19112981.000	8004546.000	4224718.000	2199658.000	
Aromatic C16-C21	48194073.000	24139876.000	10075602.000	5320691.000	2786424.000	
Aromatic C21-C36	101218315.000	51088854.000	21647169.000	11444761.000	6117333.000	
Aromatic EPH	213081286.000	107182168.000	45158651.000	23852866.000	12588252.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	136785.903	6.574				
Aromatic C12-C16	135022.207333	6.376				
Aromatic C16-C21	127893.6125	6.392				
Aromatic C21-C36	121872.4751108	8.067				
Aromatic EPH	127059.1752218	7.206				

Concentration

Parameter Range	FF015043.D	FF015044.D	FF015045.D	FF015046.D	FF015047.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	FF015043.D	FF015044.D	FF015045.D	FF015046.D	FF015047.D	
Aromatic C10-C12	128123.095000	128404.570000	135783.350000	143134.800000	148483.700000	
Aromatic C12-C16	126814.263333	127419.873333	133409.100000	140823.933333	146643.866666	
Aromatic C16-C21	120485.182500	120699.380000	125945.025000	133017.275000	139321.200000	
Aromatic C21-C36	112464.794444	113530.786666	120262.050000	127164.011111	135940.733333	
Aromatic EPH	118378.492222	119091.297777	125440.697222	132515.922222	139869.466666	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015043.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 17:34
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 15 01:56:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 2024
 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...	7.996	11473751	97.402 ug/ml
Spiked Amount 50.000		Recovery =	194.80%
6) S 2-Fluorobiphenyl (SURR)	8.872	7700926	97.623 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.25%#
11) S ortho-Terphenyl (SURR)	11.933	12529781	97.422 ug/ml
Spiked Amount 50.000		Recovery =	194.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.611	12653641	97.015 ug/ml
2) T Naphthalene (C11.7)	6.277	12970978	97.178 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	12685111	97.428 ug/ml
5) T Acenaphthylene (C15.06)	8.673	12831816	97.542 ug/ml
7) T Acenaphthene (C15.5)	8.973	12527352	97.426 ug/ml
8) T Fluorene (C16.55)	9.762	12585943	97.843 ug/ml
9) T Phenanthrene (C19.36)	11.168	12110587	97.903 ug/ml
10) T Anthracene (C19.43)	11.244	11843161	97.652 ug/ml
12) T Fluoranthene (C21.85)	12.989	11780977	97.826 ug/ml
13) T Pyrene (C20.8)	13.289	11654382	97.733 ug/ml
14) T Benzo[a]anthracene (C...	15.167	11099011	97.341 ug/ml
15) T Chrysene (C27.41)	15.215	11068748	96.994 ug/ml
16) T benzo[b]fluoranthene ...	16.728	11328975	97.482 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	11022543	96.870 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	10798930	96.467 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	11304809	98.151 ug/ml
20) T Dibenz[a,h]anthracene...	18.525	10851164	94.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.750	11963158	96.417 ug/ml

(f)=RT Delta > 1/2 Window

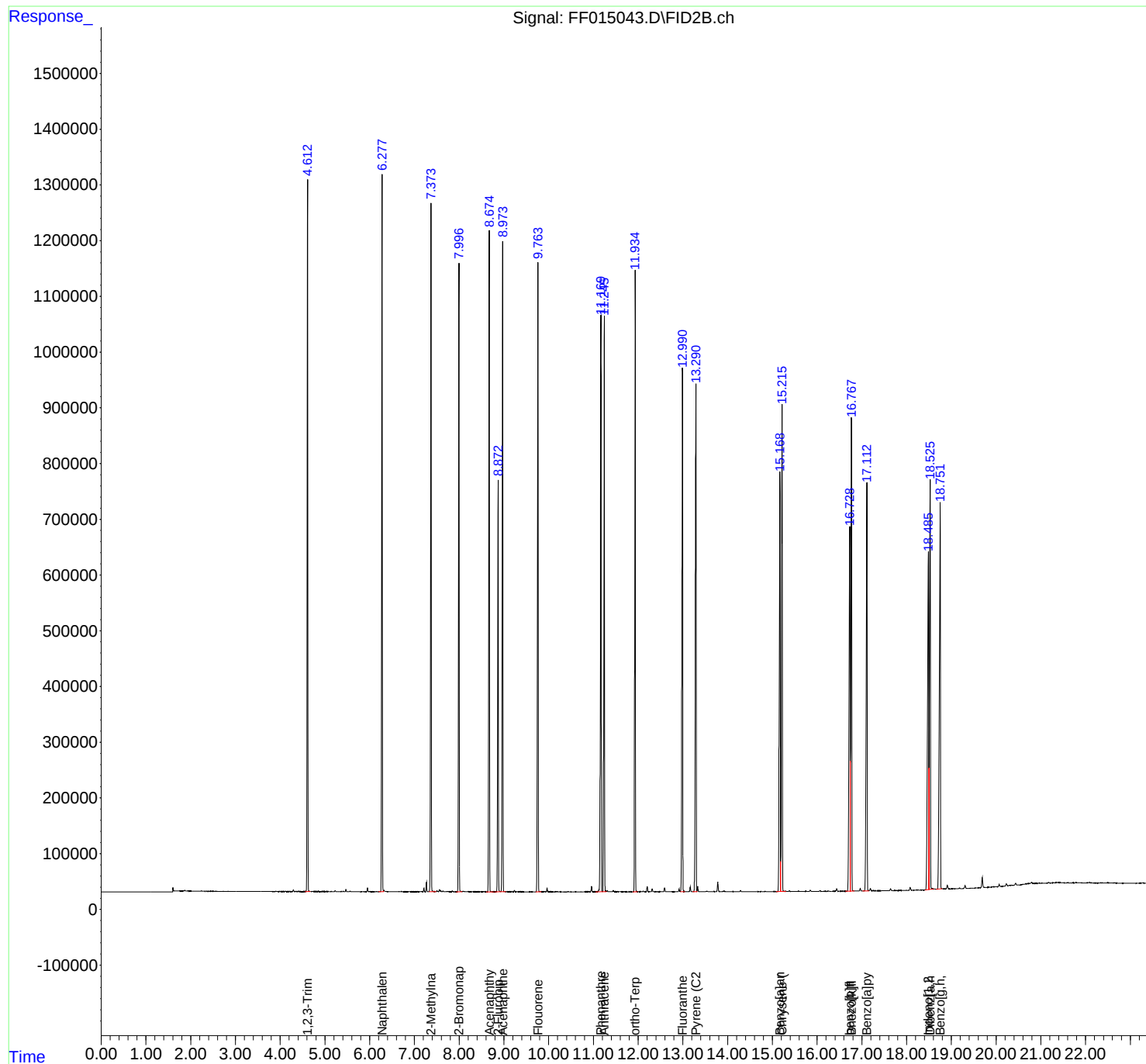
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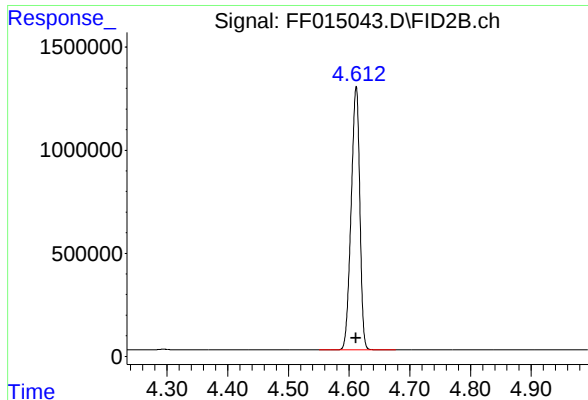
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Data File : FF015043.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 17:34
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Nov 15 01:56:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
Quant Title : GC Extractables
QLast Update : Fri Nov 15 01:54:20 2024
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)

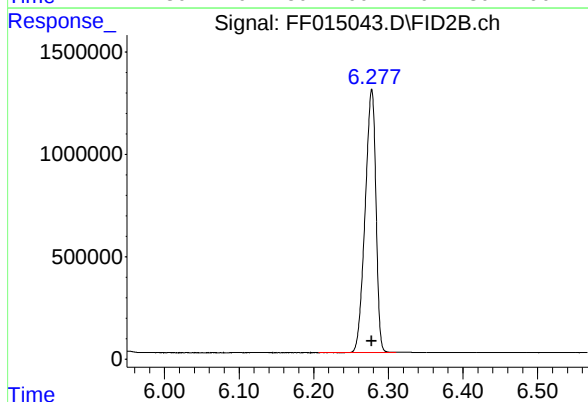
R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 12653641
Conc: 97.02 ug/ml

Instrument :

FID_F

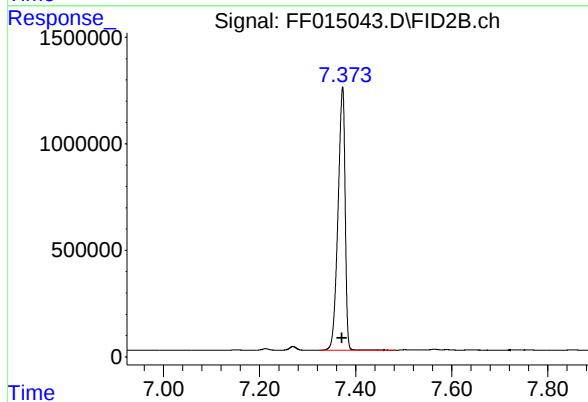
ClientSampleId :

100 PPM AROMATIC HC STD1



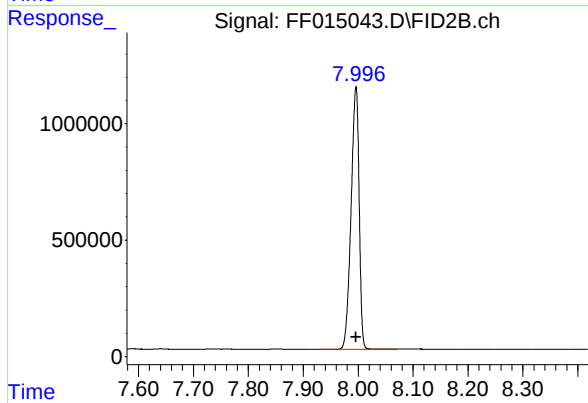
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 12970978
Conc: 97.18 ug/ml



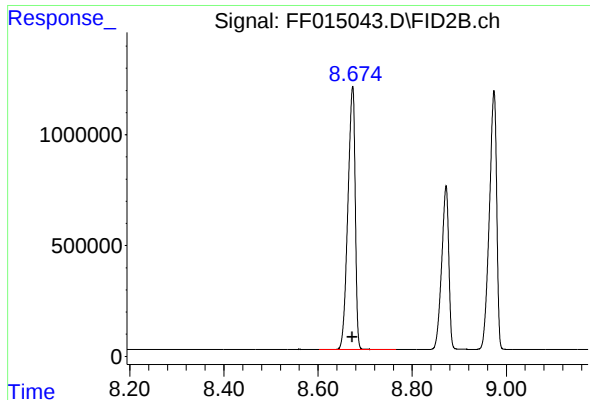
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 12685111
Conc: 97.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 11473751
Conc: 97.40 ug/ml



#5 Acenaphthylene (C15.06)

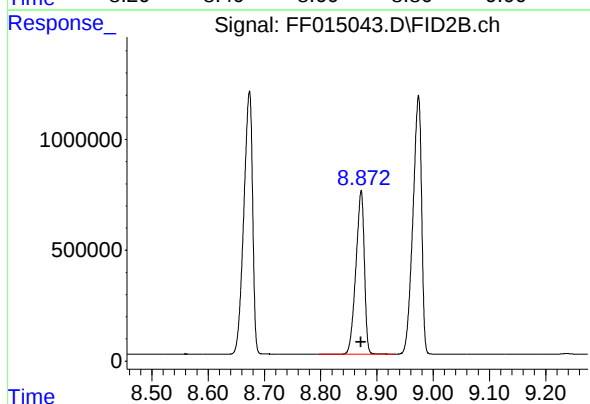
R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 12831816
Conc: 97.54 ug/ml

Instrument :

FID_F

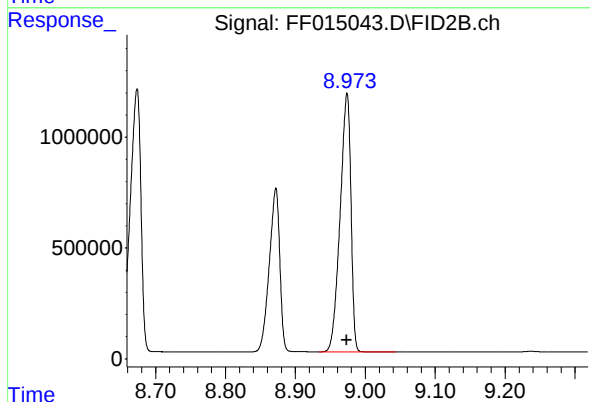
ClientSampleId :

100 PPM AROMATIC HC STD1



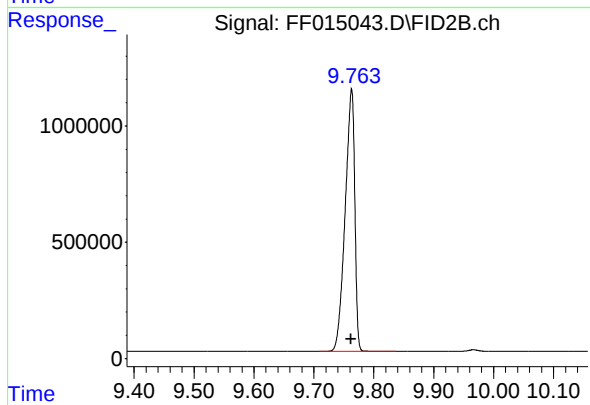
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 7700926
Conc: 97.62 ug/ml



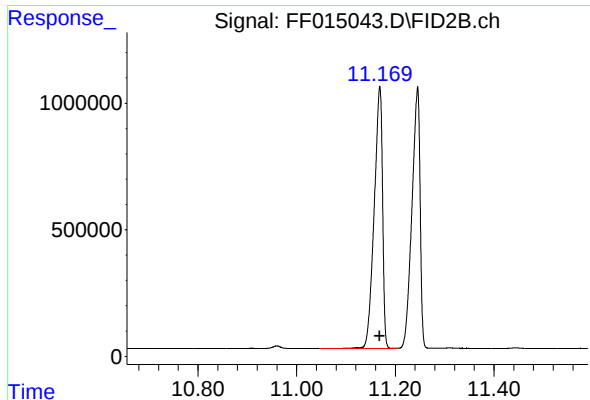
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 12527352
Conc: 97.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 12585943
Conc: 97.84 ug/ml



#9 Phenanthrene (C19.36)

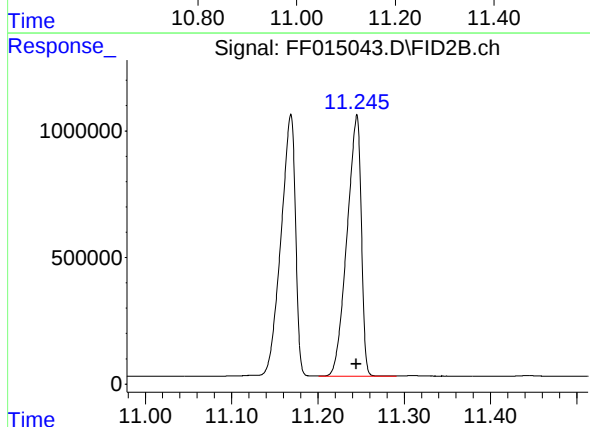
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 12110587
Conc: 97.90 ug/ml

Instrument :

FID_F

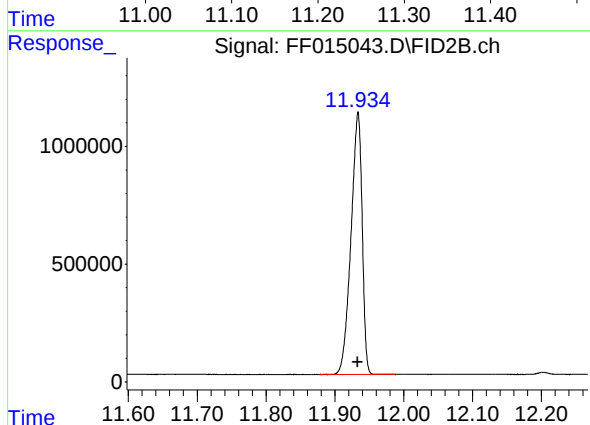
ClientSampleId :

100 PPM AROMATIC HC STD1



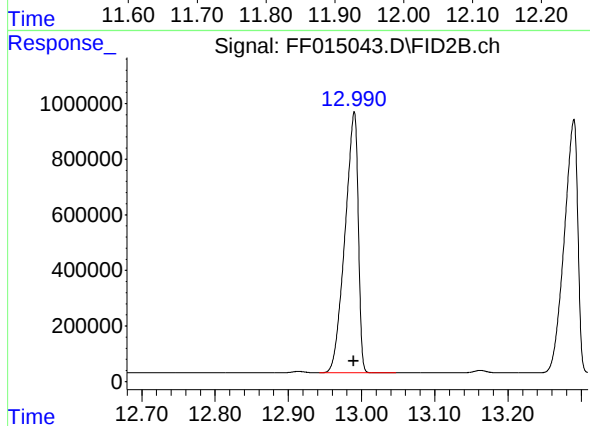
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 11843161
Conc: 97.65 ug/ml



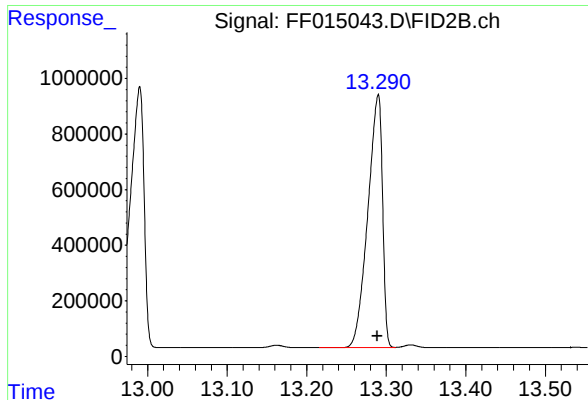
#11 ortho-Terphenyl (SURRE)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 12529781
Conc: 97.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 11780977
Conc: 97.83 ug/ml



#13 Pyrene (C20.8)

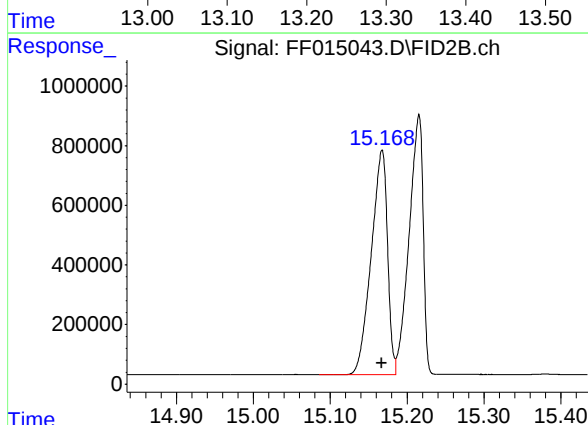
R.T.: 13.289 min
Delta R.T.: 0.000 min
Response: 11654382
Conc: 97.73 ug/ml

Instrument :

FID_F

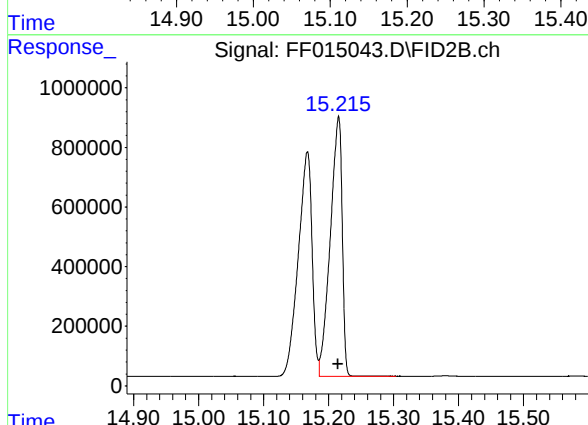
ClientSampleId :

100 PPM AROMATIC HC STD1



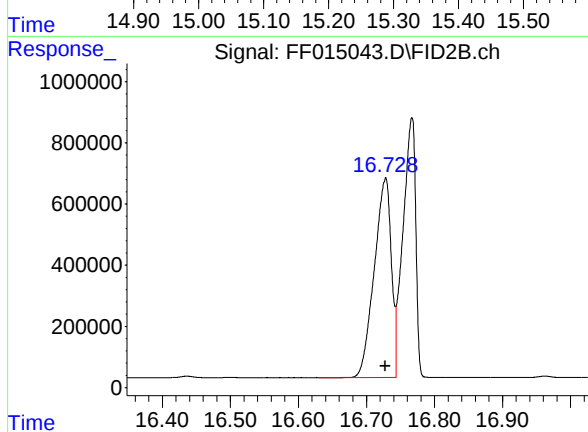
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min
Delta R.T.: 0.000 min
Response: 11099011
Conc: 97.34 ug/ml



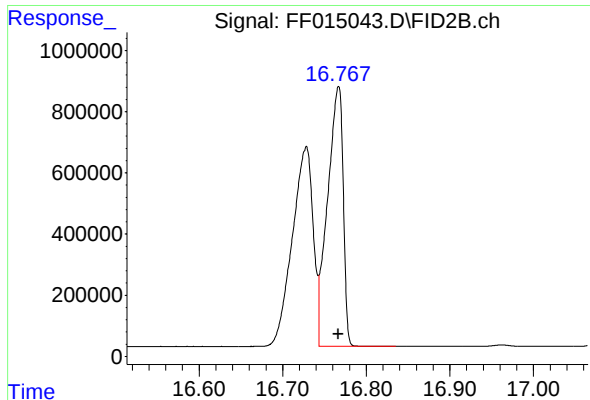
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 11068748
Conc: 96.99 ug/ml



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

R.T.: 16.728 min
Delta R.T.: 0.000 min
Response: 11328975
Conc: 97.48 ug/ml



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

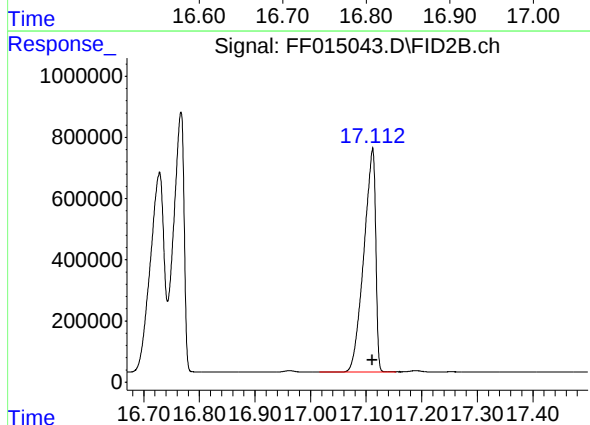
R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 11022543
Conc: 96.87 ug/ml

Instrument :

FID_F

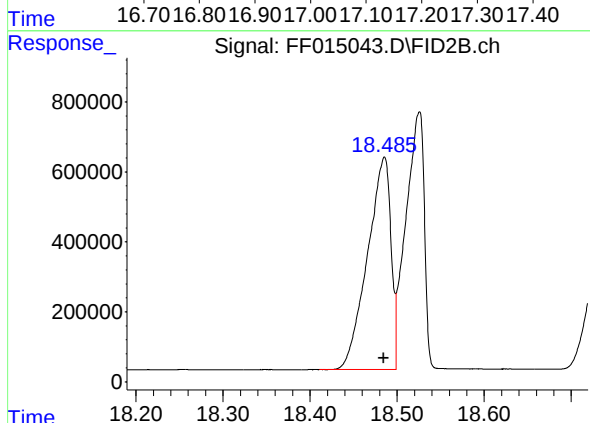
ClientSampleId :

100 PPM AROMATIC HC STD1



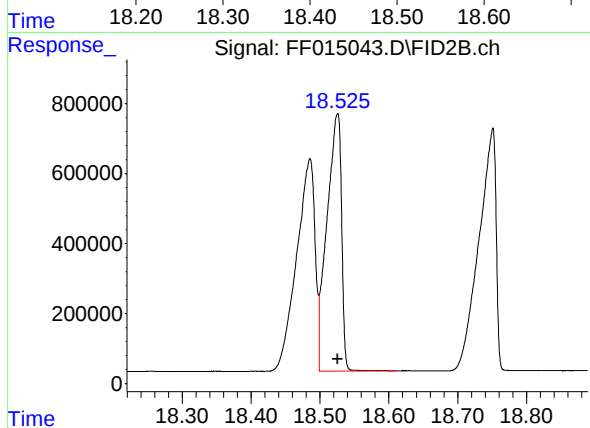
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: 0.000 min
Response: 10798930
Conc: 96.47 ug/ml



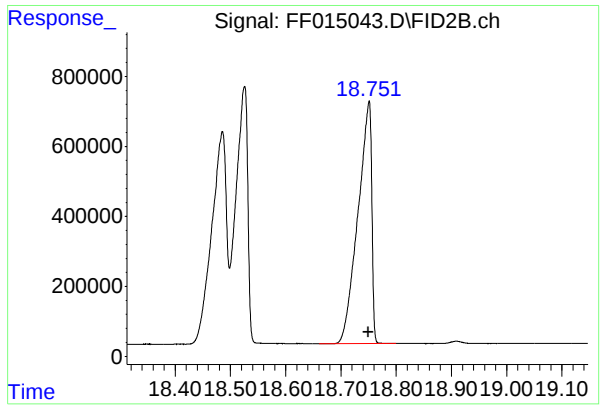
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 11304809
Conc: 98.15 ug/ml



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

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 10851164
Conc: 94.08 ug/ml



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

R.T.: 18.750 min

Delta R.T.: 0.000 min

Response: 11963158

Conc: 96.42 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015043.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 17:34
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.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	4.611	4.550	4.677	BB	1284200	12653641	97.55%	5.169%
2	6.277	6.207	6.310	BV	1286353	12970978	100.00%	5.299%
3	7.372	7.324	7.484	BV	1230776	12685111	97.80%	5.182%
4	7.996	7.929	8.069	BV	1124821	11473751	88.46%	4.687%
5	8.673	8.602	8.765	BB	1194733	12831816	98.93%	5.242%
6	8.872	8.797	8.934	BV	741497	7700926	59.37%	3.146%
7	8.973	8.934	9.044	VB	1170876	12527352	96.58%	5.118%
8	9.762	9.709	9.837	BB	1122587	12585943	97.03%	5.142%
9	11.168	11.045	11.201	BV	1041522	12110587	93.37%	4.947%
10	11.244	11.201	11.290	VV	1015365	11843161	91.31%	4.838%
11	11.933	11.877	11.989	BB	1119738	12529781	96.60%	5.119%
12	12.989	12.942	13.047	VB	930228	11780977	90.83%	4.813%
13	13.289	13.215	13.312	BV	903212	11654382	89.85%	4.761%
14	15.167	15.085	15.185	BV	754291	11099011	85.57%	4.534%
15	15.215	15.185	15.304	VB	877088	11068748	85.33%	4.522%
16	16.728	16.630	16.743	BV	647696	11328975	87.34%	4.628%
17	16.766	16.743	16.835	VB	845306	11022543	84.98%	4.503%
18	17.111	17.015	17.154	BV	724064	10798930	83.25%	4.412%
19	18.485	18.410	18.499	BV	608707	11304809	87.15%	4.618%
20	18.525	18.499	18.610	VV	736604	10851164	83.66%	4.433%
21	18.750	18.660	18.800	BBA	678133	11963158	92.23%	4.887%
Sum of corrected areas:						244785745		

Aromatic EPH 111524.M Fri Nov 15 02:09:41 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015044.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 18:02
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 15 01:58:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 2024
 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...	7.992	5765850	49.293 ug/ml
Spiked Amount 50.000		Recovery =	98.59%
6) S 2-Fluorobiphenyl (SURR)	8.866	3868085	49.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.70%
11) S ortho-Terphenyl (SURR)	11.928	6294210	49.288 ug/ml
Spiked Amount 50.000		Recovery =	98.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	6355993	49.147 ug/ml
2) T Naphthalene (C11.7)	6.274	6484464	49.045 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	6373402	49.296 ug/ml
5) T Acenaphthylene (C15.06)	8.668	6441909	49.308 ug/ml
7) T Acenaphthene (C15.5)	8.967	6297670	49.314 ug/ml
8) T Fluorene (C16.55)	9.756	6306624	49.348 ug/ml
9) T Phenanthrene (C19.36)	11.161	6059037	49.316 ug/ml
10) T Anthracene (C19.43)	11.237	5940822	49.318 ug/ml
12) T Fluoranthene (C21.85)	12.982	5898275	49.314 ug/ml
13) T Pyrene (C20.8)	13.281	5833393	49.274 ug/ml
14) T Benzo[a]anthracene (C...	15.159	5586128	49.323 ug/ml
15) T Chrysene (C27.41)	15.204	5577543	49.245 ug/ml
16) T benzo[b]fluoranthene ...	16.717	5647519	49.055 ug/ml
17) T Bnezo[k]fluoranthene ...	16.753	5603055	49.249 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.099	5462604	49.192 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.470	5577932	48.942 ug/ml
20) T Dibenz[a,h]anthracene...	18.510	5689684	49.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.730	6046114	49.145 ug/ml

(f)=RT Delta > 1/2 Window

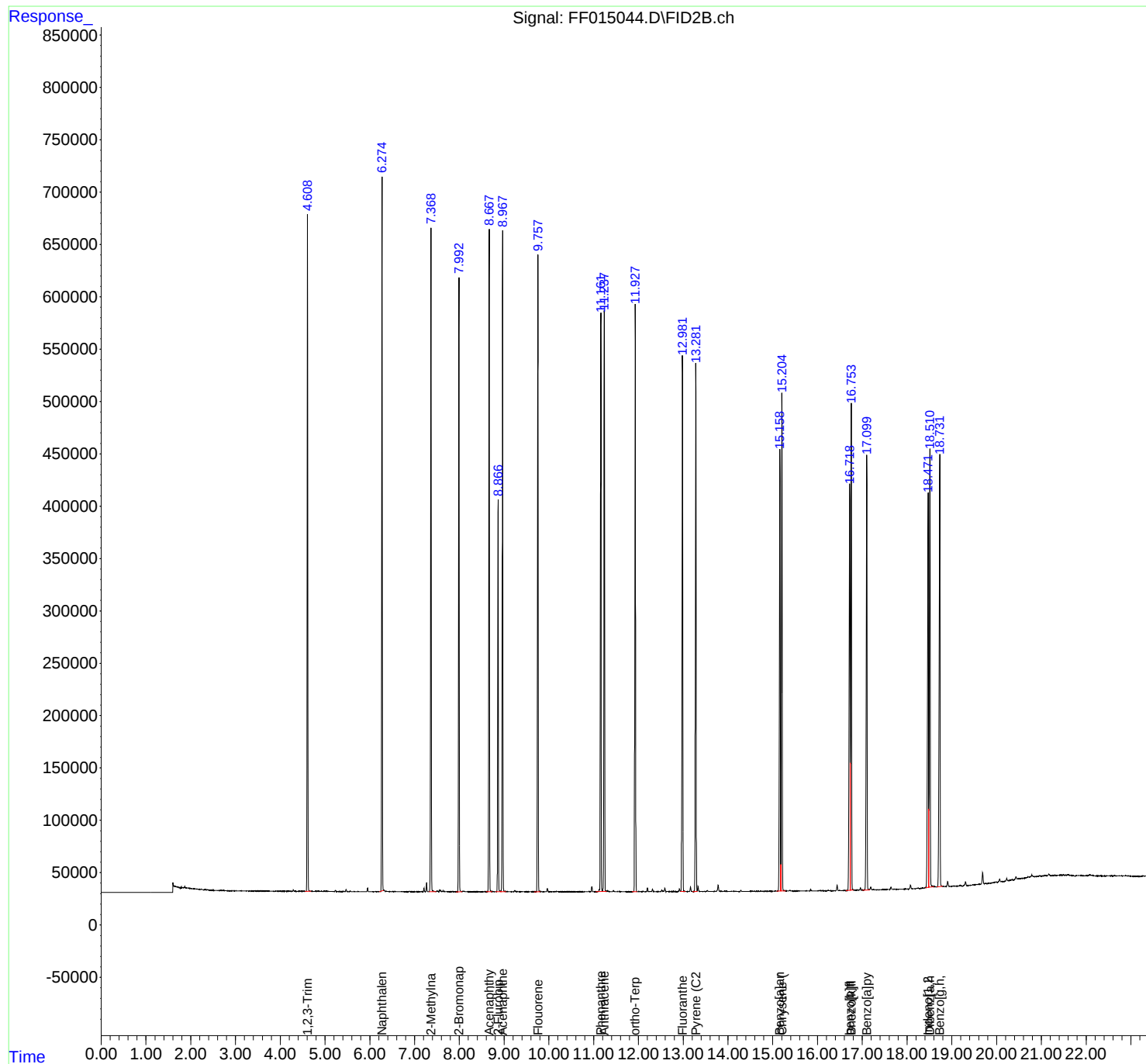
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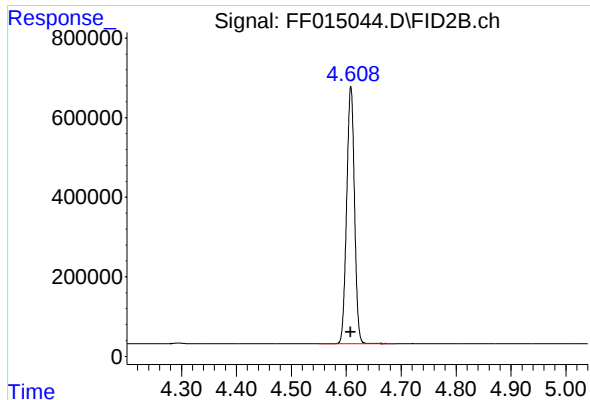
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015044.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 18:02
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Nov 15 01:58:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
Quant Title : GC Extractables
QLast Update : Fri Nov 15 01:54:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

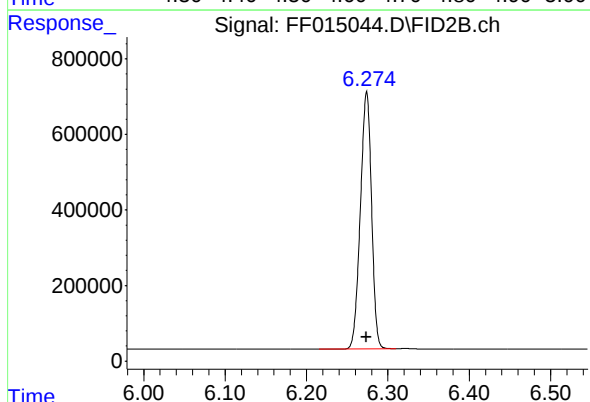




#1 1,2,3-Trimethylbenzene (C10.1)

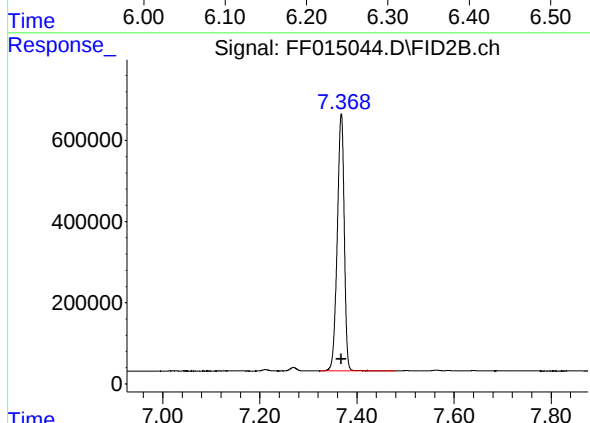
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 6355993
Conc: 49.15 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



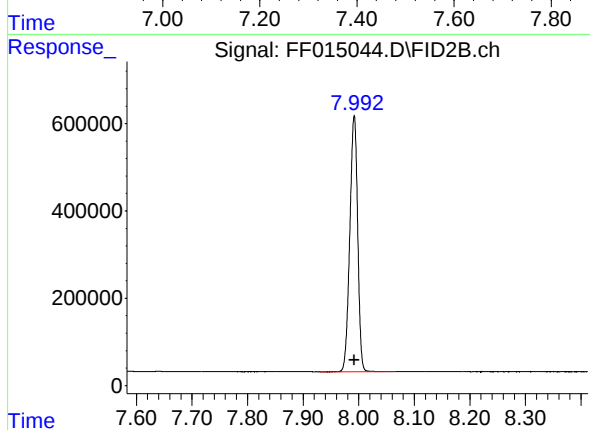
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 6484464
Conc: 49.05 ug/ml



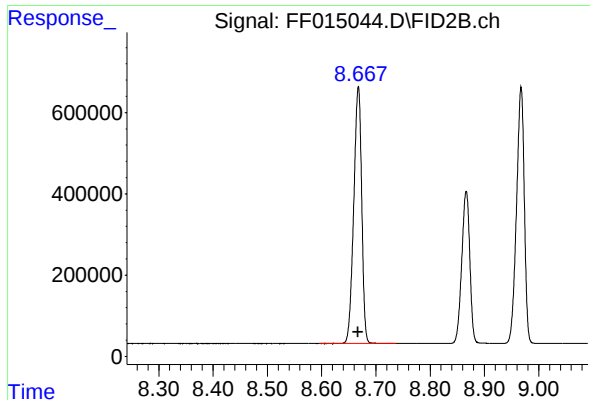
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 6373402
Conc: 49.30 ug/ml



#4 2-Bromonaphthalene (SURR)

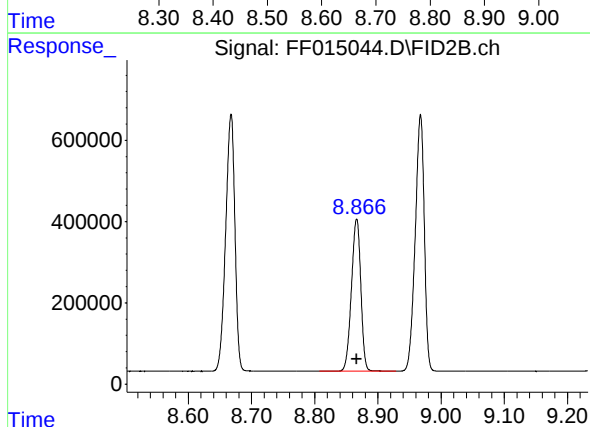
R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 5765850
Conc: 49.29 ug/ml



#5 Acenaphthylene (C15.06)

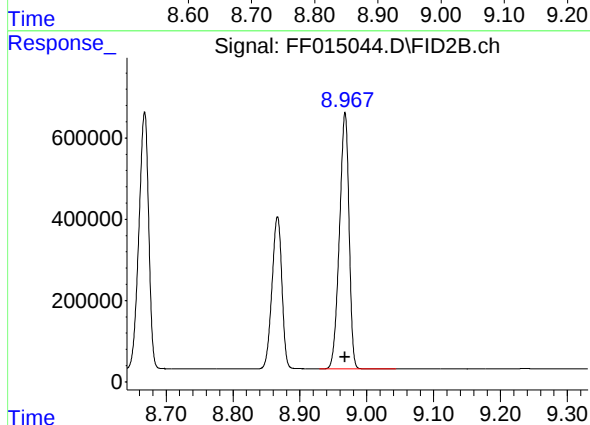
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 6441909
Conc: 49.31 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



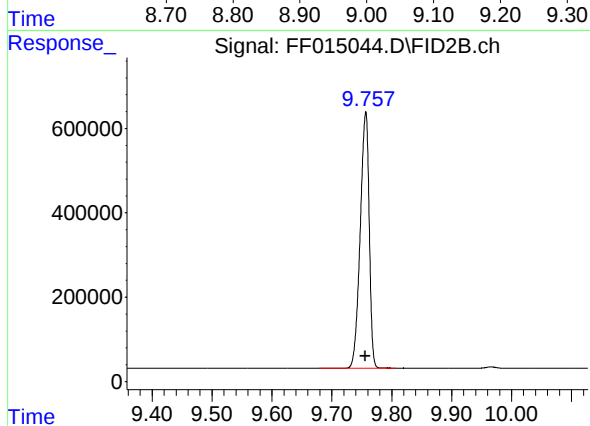
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 3868085
Conc: 49.35 ug/ml



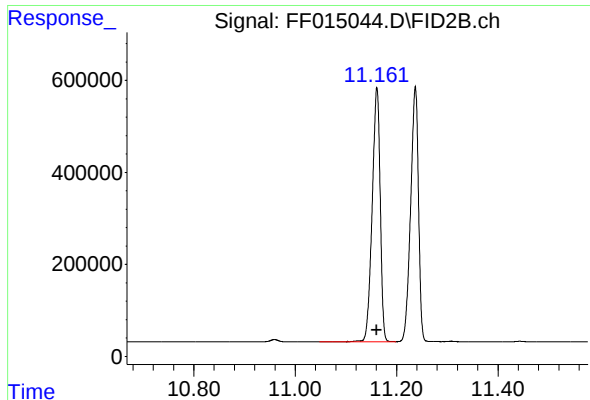
#7 Acenaphthene (C15.5)

R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 6297670
Conc: 49.31 ug/ml



#8 Fluorene (C16.55)

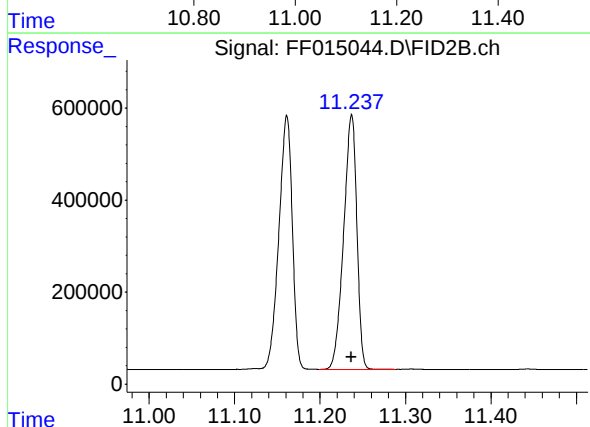
R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 6306624
Conc: 49.35 ug/ml



#9 Phenanthrene (C19.36)

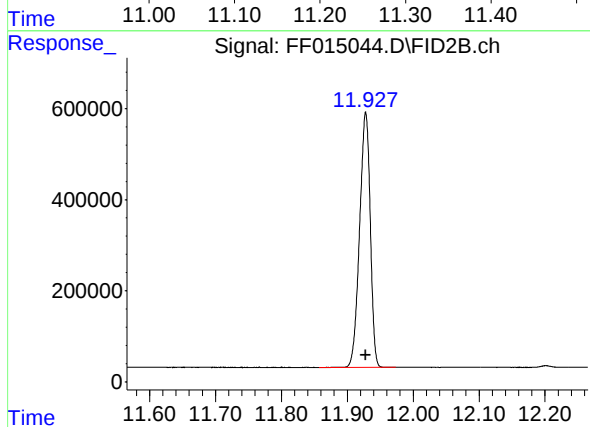
R.T.: 11.161 min
Delta R.T.: 0.000 min
Response: 6059037
Conc: 49.32 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



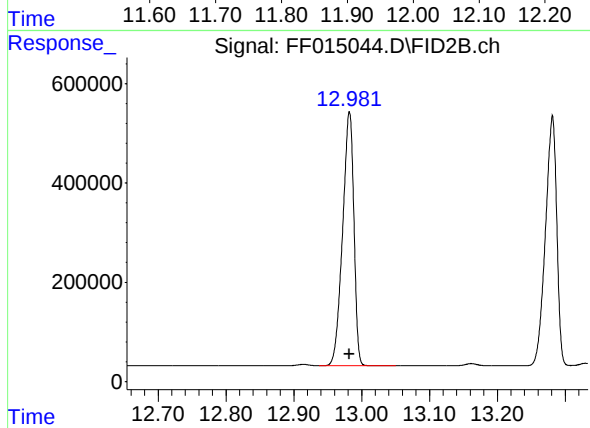
#10 Anthracene (C19.43)

R.T.: 11.237 min
Delta R.T.: 0.000 min
Response: 5940822
Conc: 49.32 ug/ml



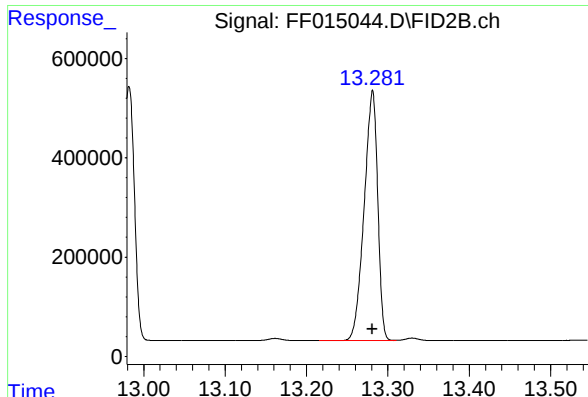
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.000 min
Response: 6294210
Conc: 49.29 ug/ml



#12 Fluoranthene (C21.85)

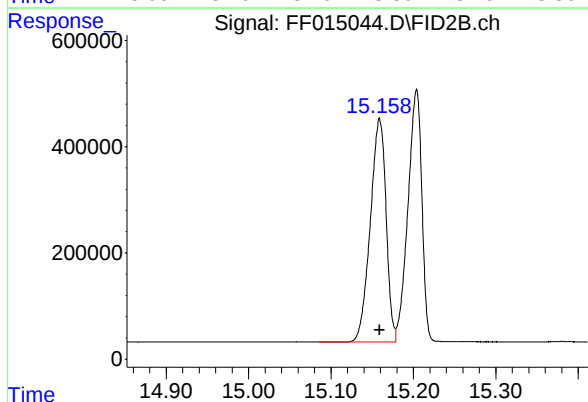
R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 5898275
Conc: 49.31 ug/ml



#13 Pyrene (C20.8)

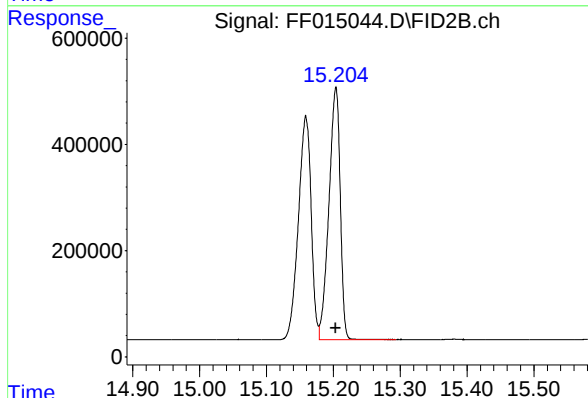
R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 5833393
Conc: 49.27 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



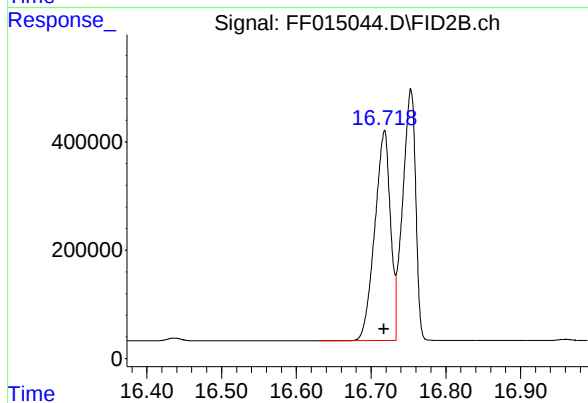
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 5586128
Conc: 49.32 ug/ml



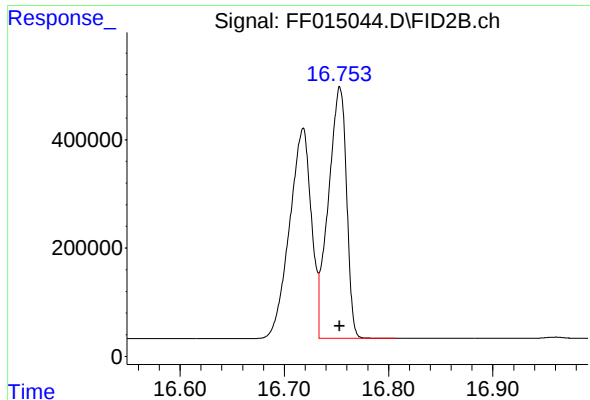
#15 Chrysene (C27.41)

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 5577543
Conc: 49.24 ug/ml



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

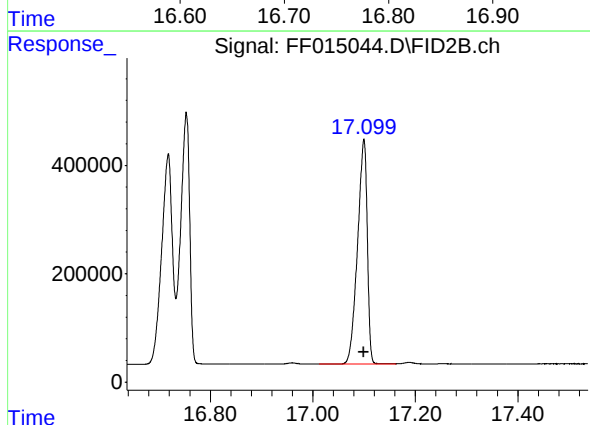
R.T.: 16.717 min
Delta R.T.: 0.000 min
Response: 5647519
Conc: 49.05 ug/ml



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

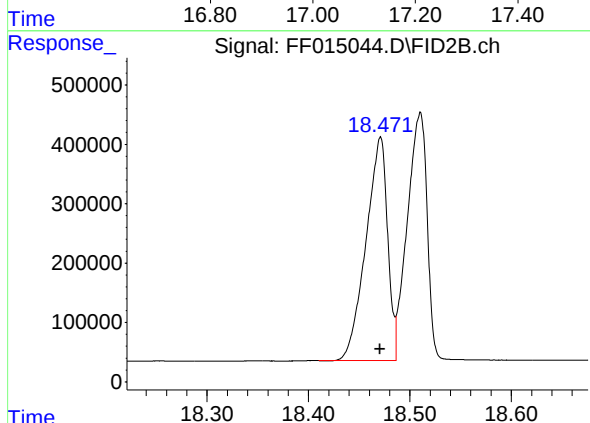
R.T.: 16.753 min
Delta R.T.: 0.000 min
Response: 5603055
Conc: 49.25 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



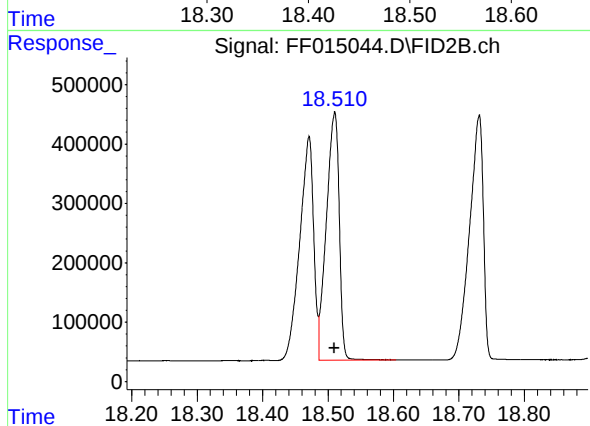
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: 0.000 min
Response: 5462604
Conc: 49.19 ug/ml



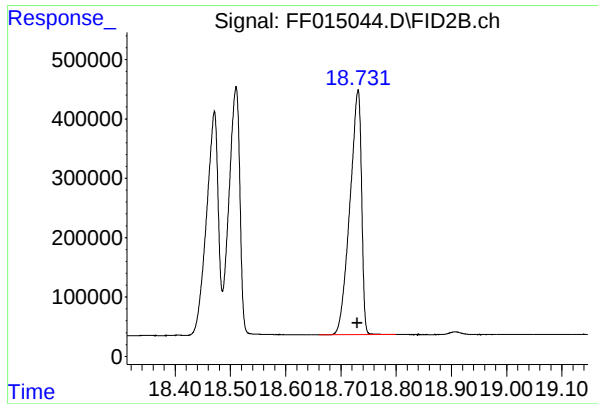
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.470 min
Delta R.T.: 0.000 min
Response: 5577932
Conc: 48.94 ug/ml



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

R.T.: 18.510 min
Delta R.T.: 0.000 min
Response: 5689684
Conc: 49.17 ug/ml



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

R.T.: 18.730 min

Delta R.T.: 0.000 min

Response: 6046114

Conc: 49.15 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015044.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 18:02
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.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	4.608	4.550	4.690	BB	646640	6355993	98.02%	5.163%
2	6.274	6.215	6.310	BV	681760	6484464	100.00%	5.267%
3	7.368	7.322	7.480	BB	634040	6373402	98.29%	5.177%
4	7.992	7.929	8.067	BV	587856	5765850	88.92%	4.683%
5	8.668	8.595	8.737	BB	631948	6441909	99.34%	5.233%
6	8.866	8.807	8.929	BV	375889	3868085	59.65%	3.142%
7	8.967	8.929	9.044	VB	631421	6297670	97.12%	5.115%
8	9.756	9.679	9.807	BB	602459	6306624	97.26%	5.123%
9	11.161	11.047	11.199	BV	552931	6059037	93.44%	4.922%
10	11.237	11.199	11.289	VV	555809	5940822	91.62%	4.826%
11	11.928	11.857	11.974	BB	560091	6294210	97.07%	5.113%
12	12.982	12.937	13.050	PB	512884	5898275	90.96%	4.791%
13	13.281	13.215	13.310	BV	502442	5833393	89.96%	4.738%
14	15.159	15.085	15.179	BV	421346	5586128	86.15%	4.537%
15	15.204	15.179	15.294	VB	476258	5577543	86.01%	4.531%
16	16.717	16.630	16.733	BV	386343	5647519	87.09%	4.587%
17	16.753	16.733	16.807	VB	462660	5603055	86.41%	4.551%
18	17.099	17.012	17.162	BV	413089	5462604	84.24%	4.437%
19	18.470	18.410	18.486	BV	376224	5577932	86.02%	4.531%
20	18.510	18.486	18.604	VB	420291	5689684	87.74%	4.622%
21	18.730	18.660	18.800	BBA	410563	6046114	93.24%	4.911%
Sum of corrected areas:						123110313		

Aromatic EPH 111524.M Fri Nov 15 02:10:42 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015045.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 18:30
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 15 01:54:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 2024
 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...	7.990	2417165	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.864	1615201	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.925	2638586	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2686457	20.000 ug/ml
2) T Naphthalene (C11.7)	6.272	2744877	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2670985	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.665	2695701	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.964	2637860	20.000 ug/ml
8) T Fluorene (C16.55)	9.752	2628156	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.157	2525902	20.000 ug/ml
10) T Anthracene (C19.43)	11.232	2482553	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.976	2460902	20.000 ug/ml
13) T Pyrene (C20.8)	13.275	2438991	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2341059	20.000 ug/ml
15) T Chrysene (C27.41)	15.195	2350968	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2382838	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.742	2380446	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2318007	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.460	2346148	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.500	2496360	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.717	2570441	20.000 ug/ml

(f)=RT Delta > 1/2 Window

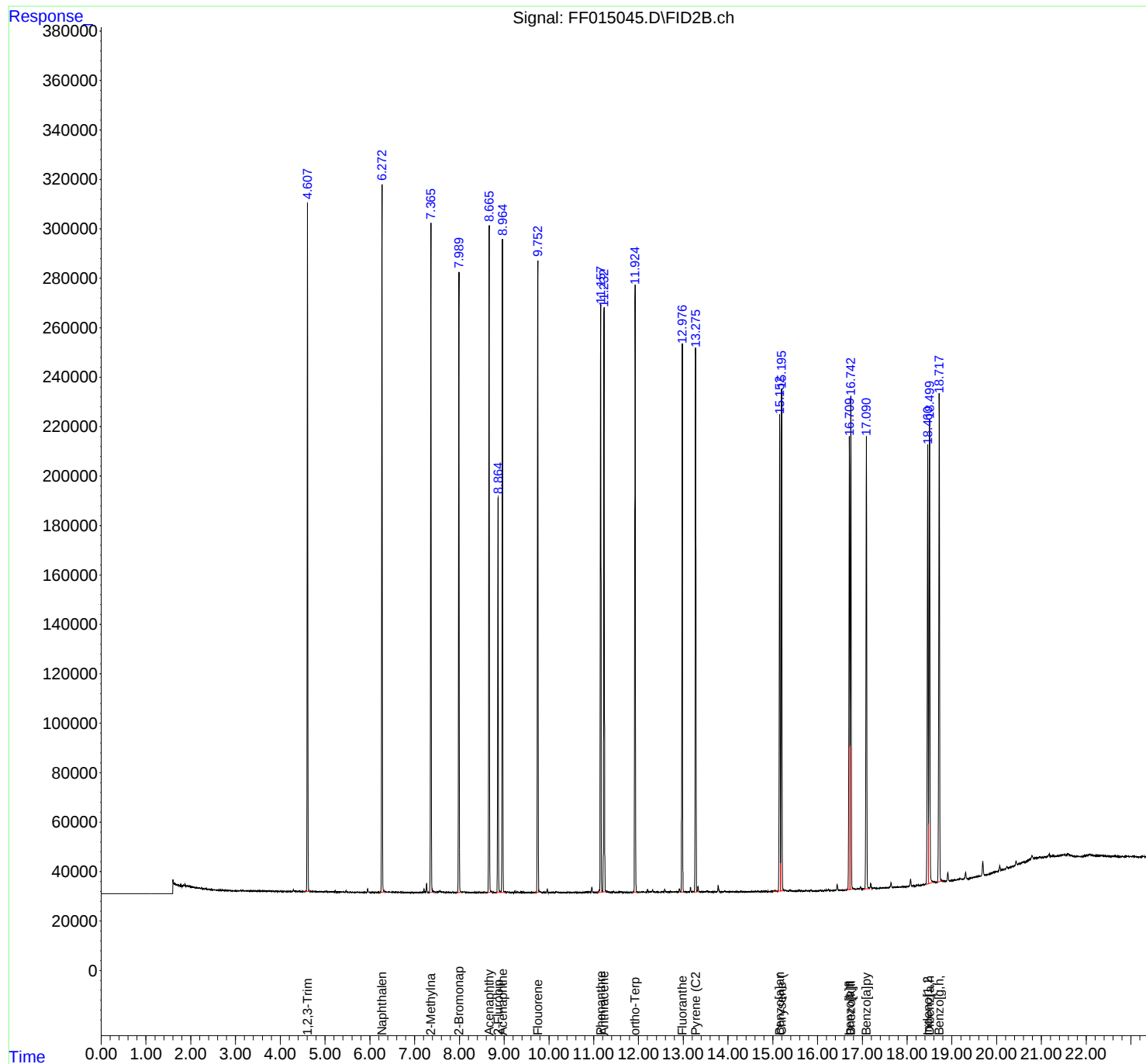
(m)=manual int.

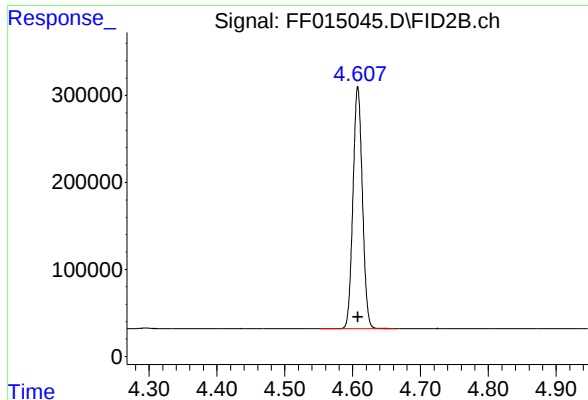
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015045.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 18:30
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Nov 15 01:54:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
Quant Title : GC Extractables
QLast Update : Fri Nov 15 01:54:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

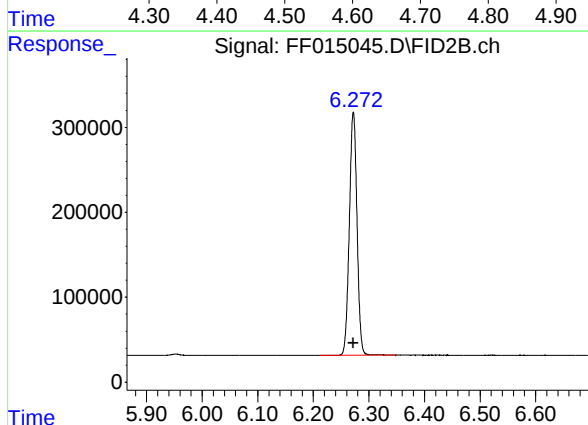




#1 1,2,3-Trimethylbenzene (C10.1)

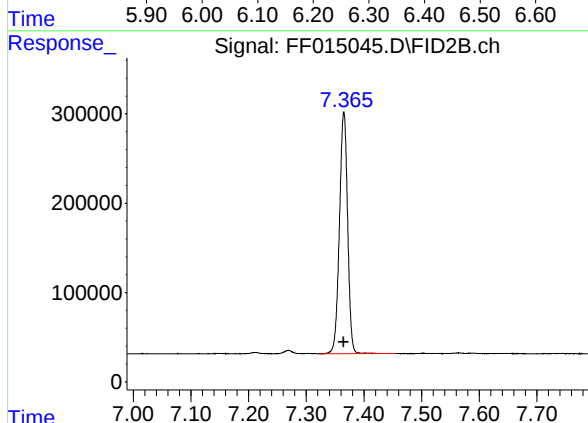
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2686457
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



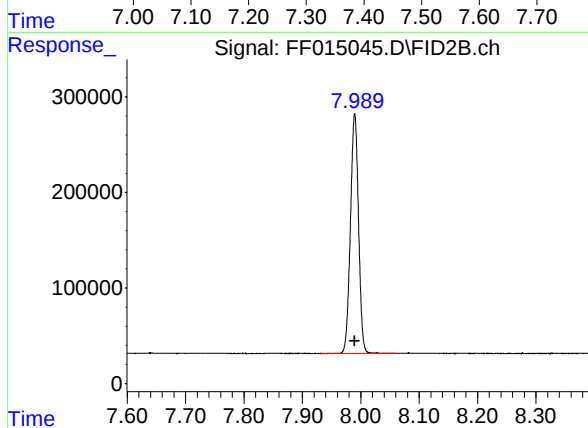
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2744877
Conc: 20.00 ug/ml



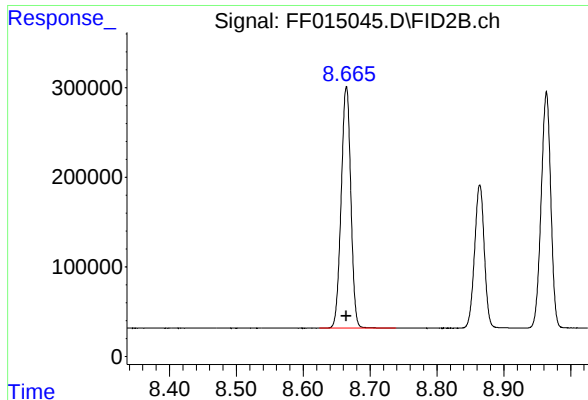
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2670985
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

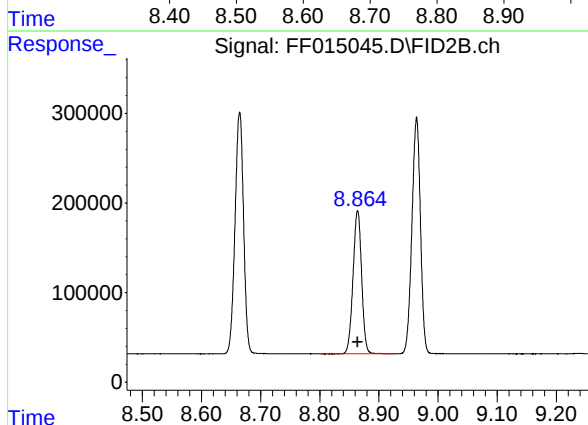
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 2417165
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

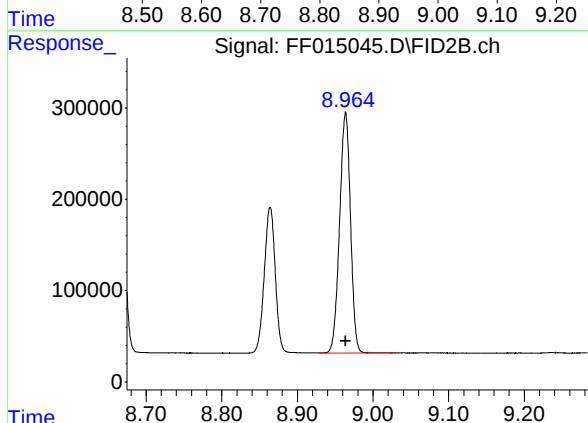
R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 2695701
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



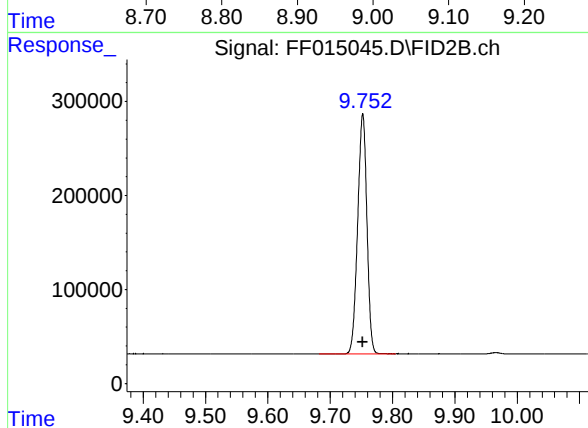
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 1615201
Conc: 20.00 ug/ml



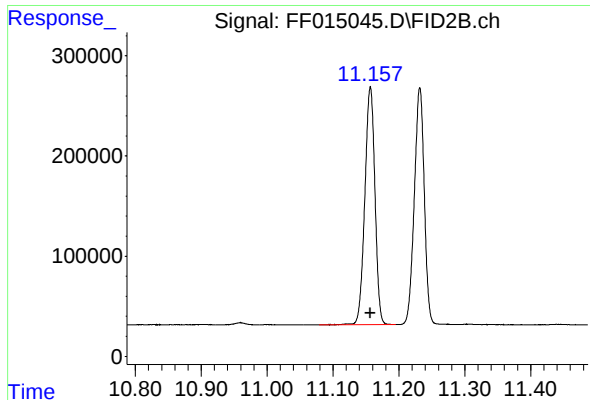
#7 Acenaphthene (C15.5)

R.T.: 8.964 min
Delta R.T.: 0.000 min
Response: 2637860
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

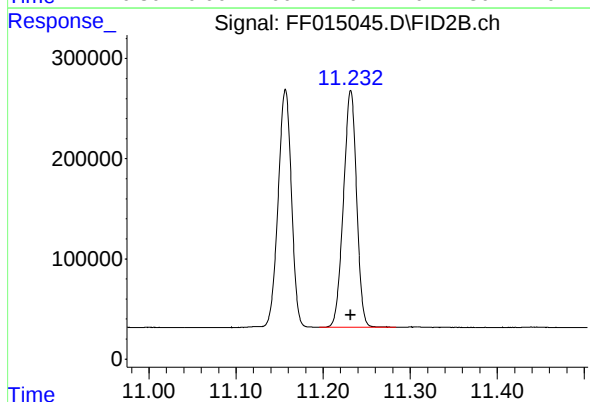
R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2628156
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

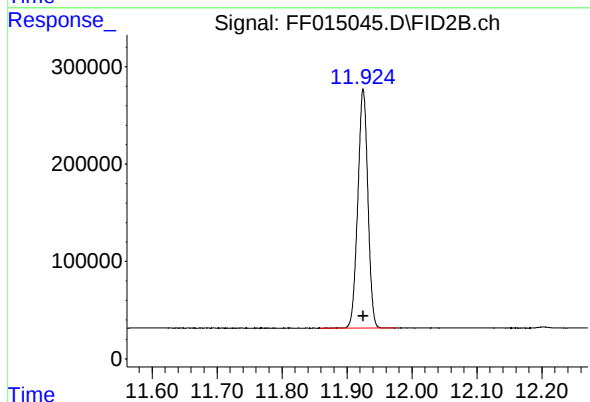
R.T.: 11.157 min
Delta R.T.: 0.000 min
Response: 2525902
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



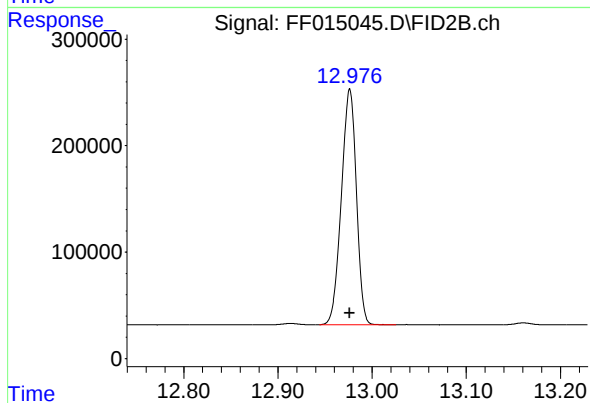
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.000 min
Response: 2482553
Conc: 20.00 ug/ml



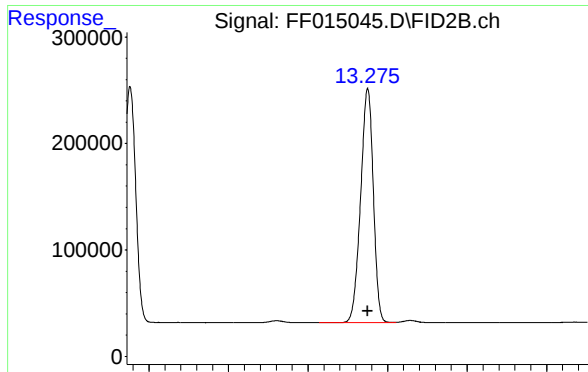
#11 ortho-Terphenyl (SURRE)

R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 2638586
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

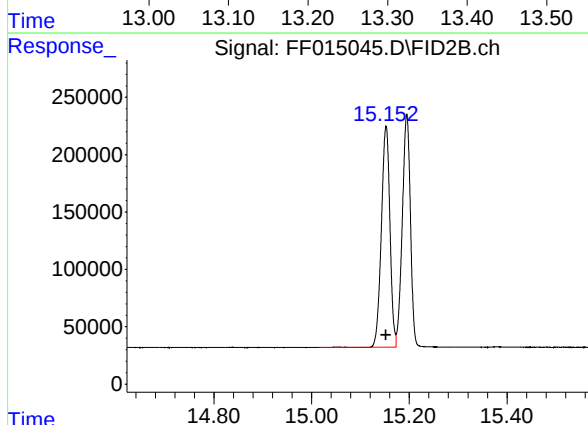
R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 2460902
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

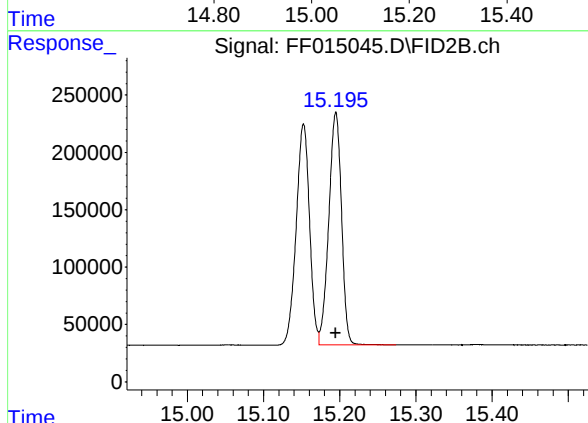
R.T.: 13.275 min
Delta R.T.: 0.000 min
Response: 2438991
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



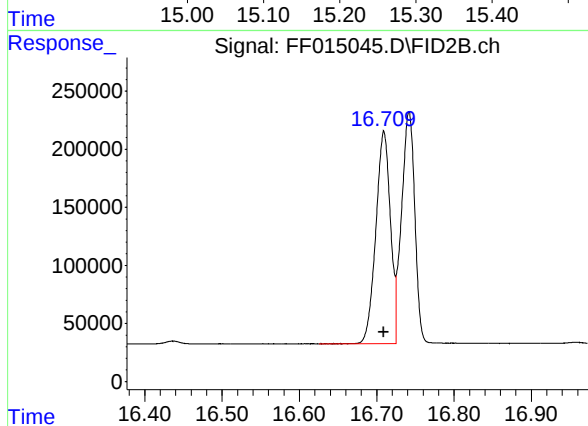
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.000 min
Response: 2341059
Conc: 20.00 ug/ml



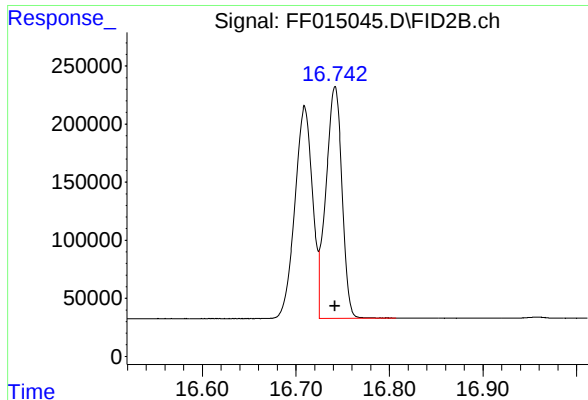
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 2350968
Conc: 20.00 ug/ml



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

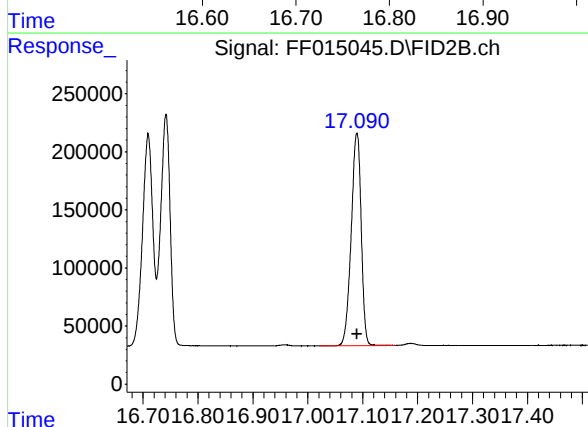
R.T.: 16.709 min
Delta R.T.: 0.000 min
Response: 2382838
Conc: 20.00 ug/ml



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

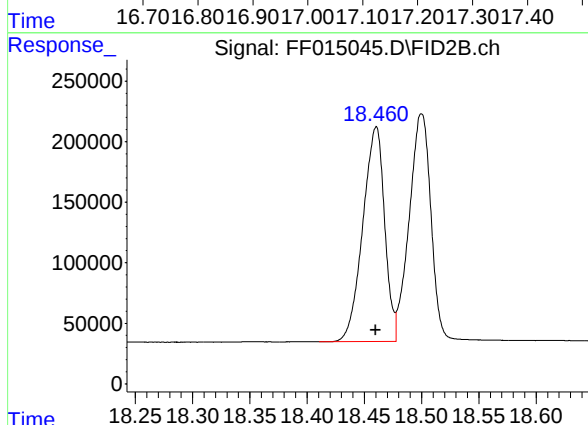
R.T.: 16.742 min
Delta R.T.: 0.000 min
Response: 2380446
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



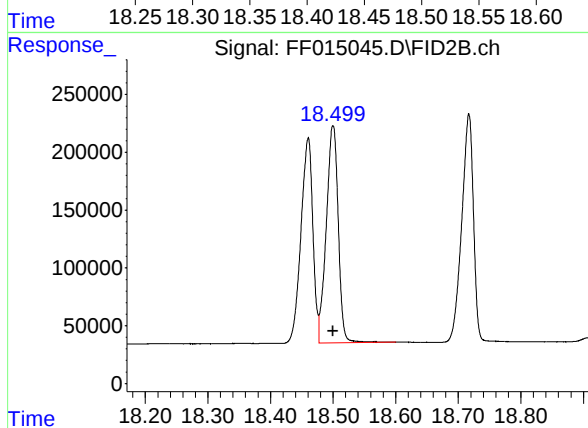
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2318007
Conc: 20.00 ug/ml



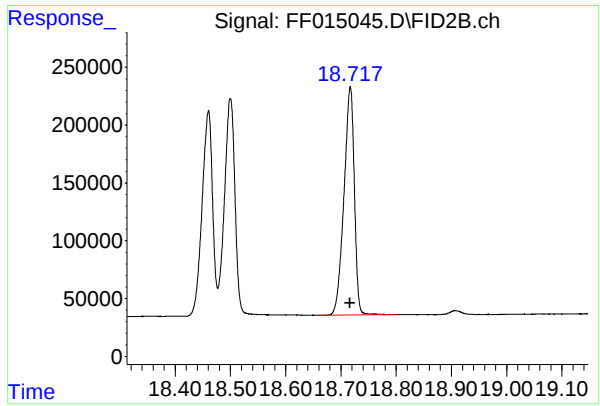
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.460 min
Delta R.T.: 0.000 min
Response: 2346148
Conc: 20.00 ug/ml



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

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2496360
Conc: 20.00 ug/ml



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

R.T.: 18.717 min
Delta R.T.: 0.000 min
Response: 2570441
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015045.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 18:30
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.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	4.608	4.550	4.664	BB	278083	2686457	97.87%	5.183%
2	6.272	6.210	6.349	BB	286433	2744877	100.00%	5.296%
3	7.365	7.322	7.455	BB	271004	2670985	97.31%	5.153%
4	7.990	7.929	8.060	BB	250828	2417165	88.06%	4.664%
5	8.665	8.624	8.739	BB	269367	2695701	98.21%	5.201%
6	8.864	8.799	8.929	BV	159884	1615201	58.84%	3.116%
7	8.964	8.929	9.030	VB	264030	2637860	96.10%	5.089%
8	9.752	9.682	9.805	BB	255350	2628156	95.75%	5.071%
9	11.157	11.079	11.195	BV	237971	2525902	92.02%	4.873%
10	11.232	11.195	11.284	VV	236771	2482553	90.44%	4.790%
11	11.925	11.857	11.975	BB	245351	2638586	96.13%	5.091%
12	12.976	12.944	13.025	PB	221846	2460902	89.65%	4.748%
13	13.275	13.214	13.310	BV	220371	2438991	88.86%	4.706%
14	15.152	15.015	15.173	BV	192575	2341059	85.29%	4.517%
15	15.195	15.173	15.274	VB	203477	2350968	85.65%	4.536%
16	16.709	16.625	16.725	BV	183003	2382838	86.81%	4.597%
17	16.742	16.725	16.807	VB	199893	2380446	86.72%	4.593%
18	17.089	17.020	17.160	BV	183000	2318007	84.45%	4.472%
19	18.460	18.410	18.478	BV	177811	2346148	85.47%	4.527%
20	18.500	18.478	18.600	VB	187947	2496360	90.95%	4.816%
21	18.717	18.660	18.800	BBA	197873	2570441	93.65%	4.959%
Sum of corrected areas:							51829604	

Aromatic EPH 111524.M Fri Nov 15 02:11:15 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015046.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 18:58
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 15 02:00:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 2024
 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...	7.989	1273061	10.648 ug/ml
Spiked Amount 50.000		Recovery =	21.30%
6) S 2-Fluorobiphenyl (SURR)	8.863	850976	10.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.26%
11) S ortho-Terphenyl (SURR)	11.924	1402058	10.717 ug/ml
Spiked Amount 50.000		Recovery =	21.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	1417126	10.702 ug/ml
2) T Naphthalene (C11.7)	6.272	1445570	10.684 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	1404290	10.633 ug/ml
5) T Acenaphthylene (C15.06)	8.664	1423984	10.660 ug/ml
7) T Acenaphthene (C15.5)	8.962	1396444	10.685 ug/ml
8) T Fluorene (C16.55)	9.751	1389870	10.642 ug/ml
9) T Phenanthrene (C19.36)	11.156	1335378	10.638 ug/ml
10) T Anthracene (C19.43)	11.230	1313361	10.662 ug/ml
12) T Fluoranthene (C21.85)	12.974	1299695	10.636 ug/ml
13) T Pyrene (C20.8)	13.273	1282082	10.610 ug/ml
14) T Benzo[a]anthracene (C...	15.150	1232832	10.650 ug/ml
15) T Chrysene (C27.41)	15.192	1246385	10.735 ug/ml
16) T benzo[b]fluoranthene ...	16.706	1255307	10.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.737	1262152	10.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.087	1212692	10.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.456	1218869	10.512 ug/ml
20) T Dibenz[a,h]anthracene...	18.496	1363538	11.281 ug/ml
21) T Benzo[g,h,i]perylene ...	18.711	1353291	10.732 ug/ml

(f)=RT Delta > 1/2 Window

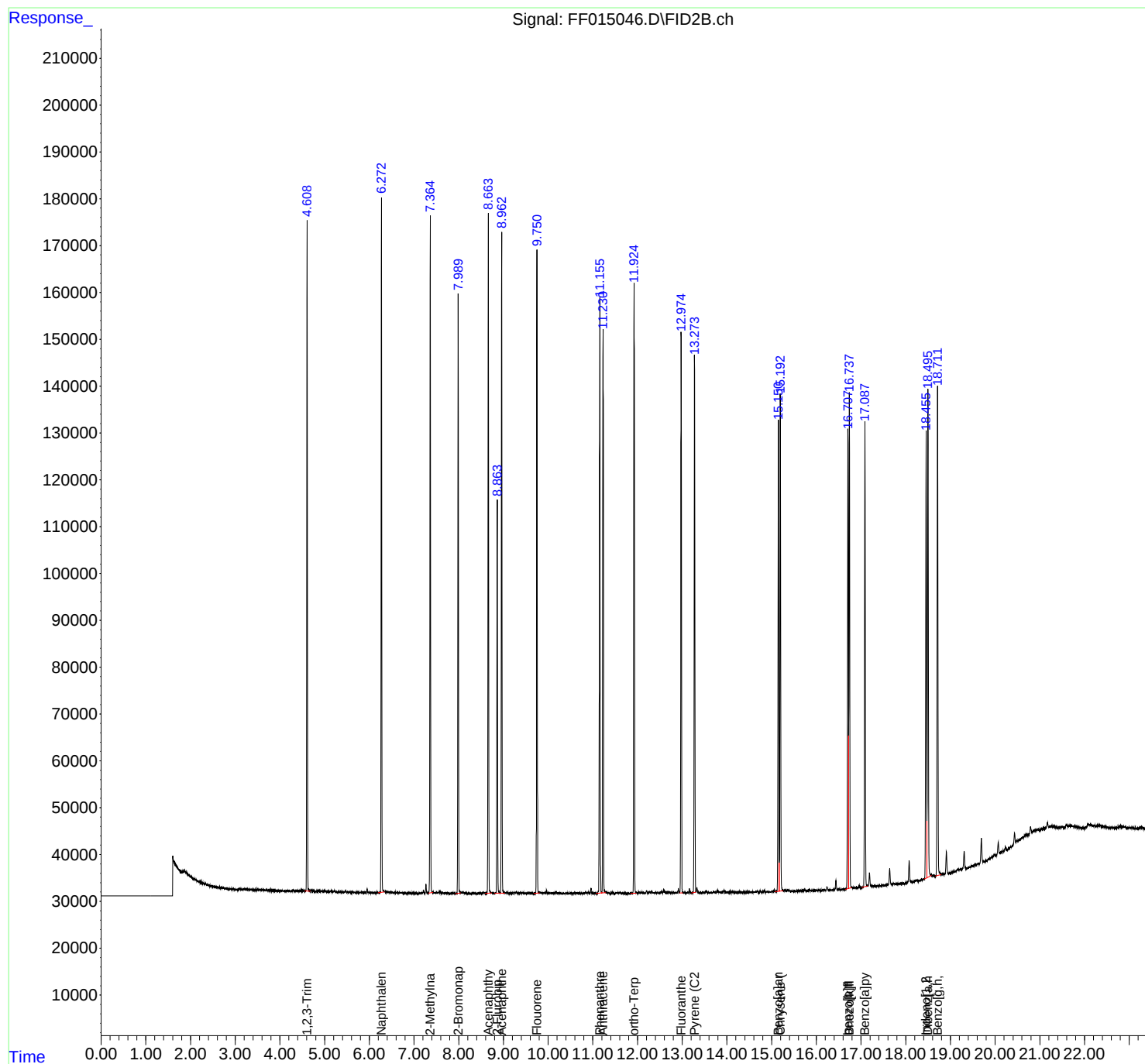
(m)=manual int.

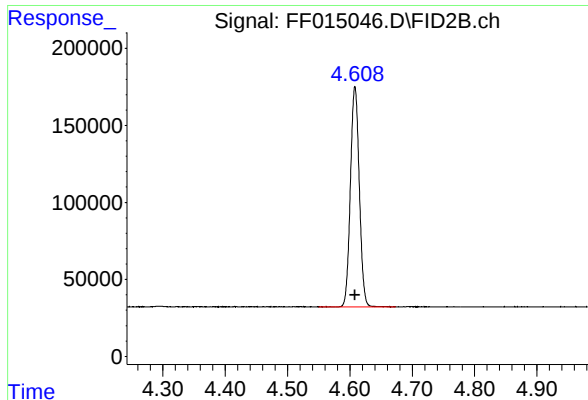
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015046.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 18:58
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Nov 15 02:00:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
Quant Title : GC Extractables
QLast Update : Fri Nov 15 01:54:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

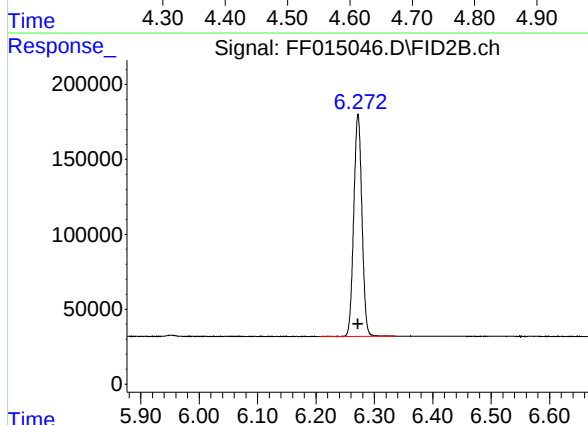




#1 1,2,3-Trimethylbenzene (C10.1)

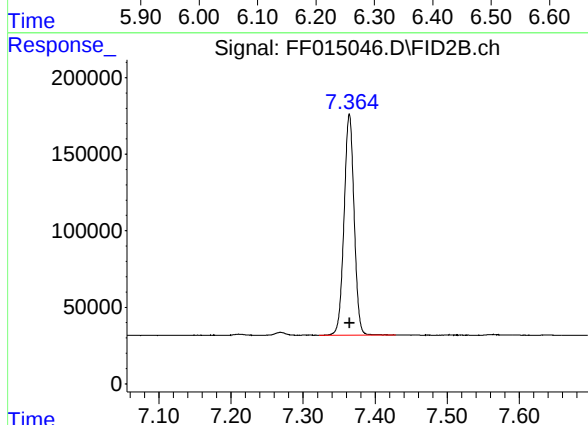
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 1417126
Conc: 10.70 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



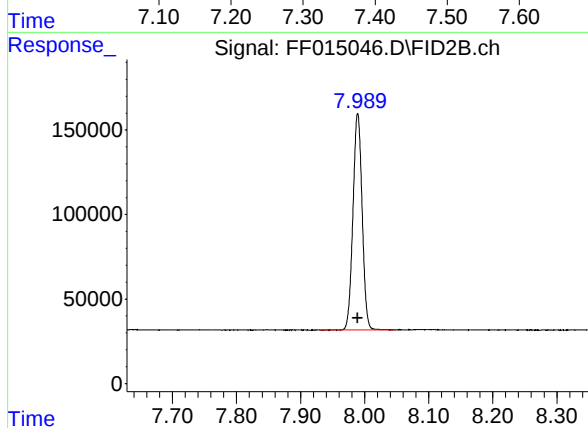
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 1445570
Conc: 10.68 ug/ml



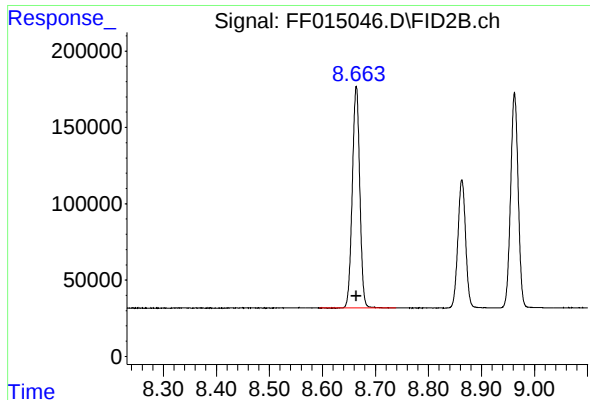
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 1404290
Conc: 10.63 ug/ml



#4 2-Bromonaphthalene (SURR)

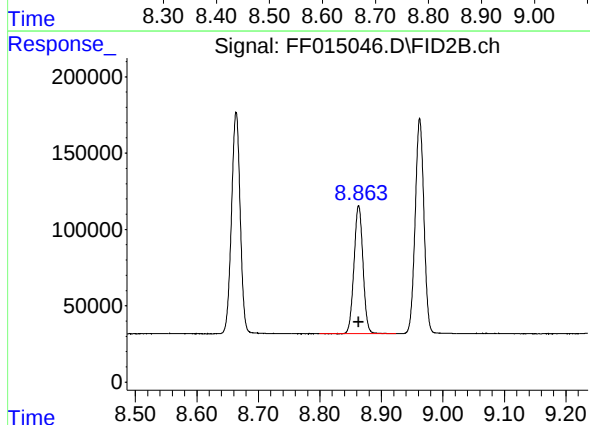
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 1273061
Conc: 10.65 ug/ml



#5 Acenaphthylene (C15.06)

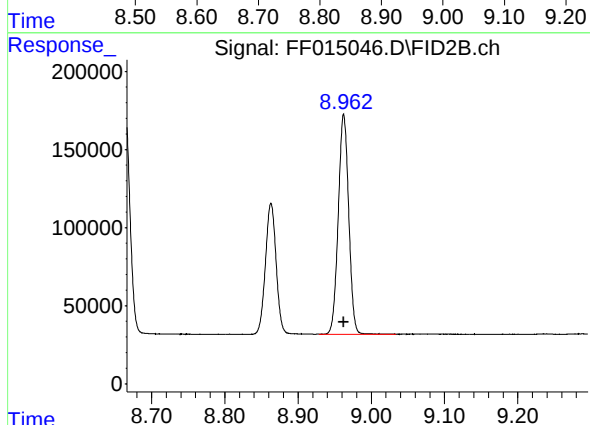
R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 1423984
Conc: 10.66 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



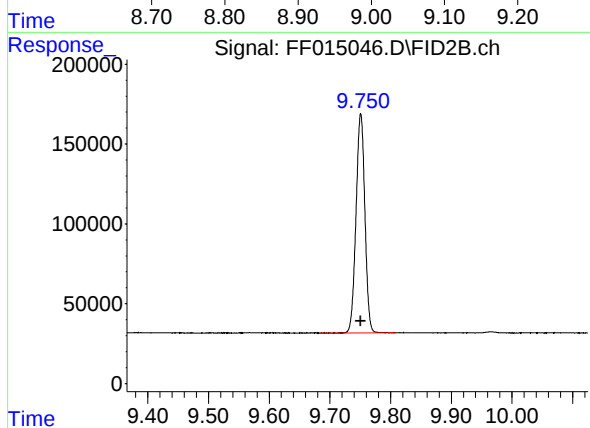
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 850976
Conc: 10.63 ug/ml



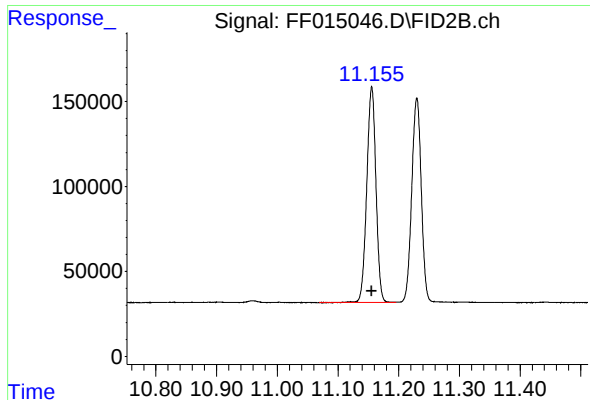
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 1396444
Conc: 10.69 ug/ml



#8 Flouorene (C16.55)

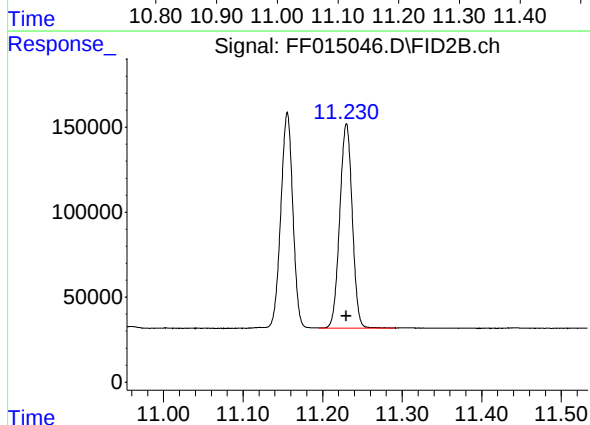
R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 1389870
Conc: 10.64 ug/ml



#9 Phenanthrene (C19.36)

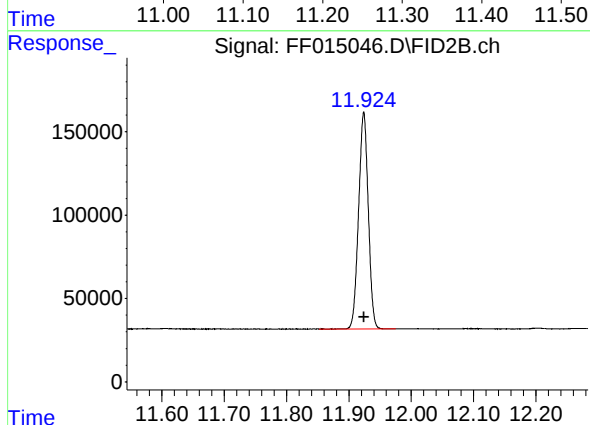
R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 1335378
Conc: 10.64 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



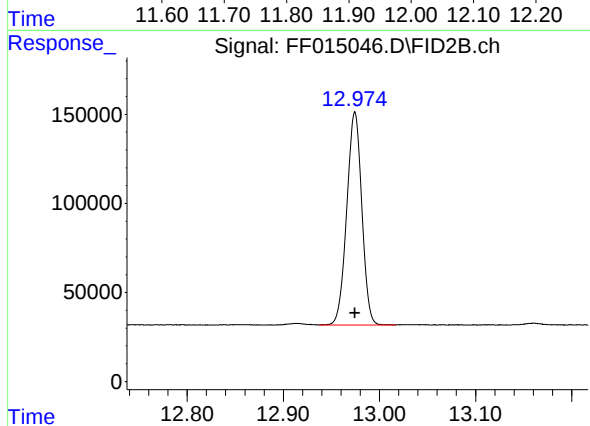
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1313361
Conc: 10.66 ug/ml



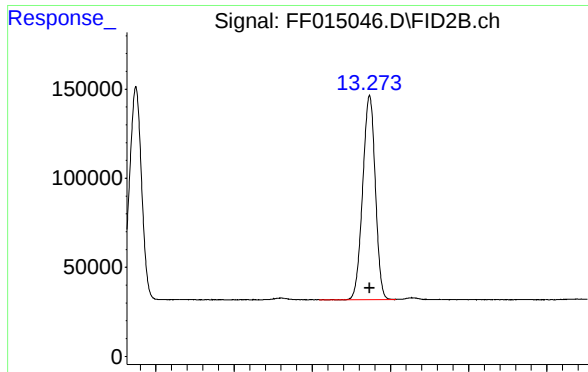
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 1402058
Conc: 10.72 ug/ml



#12 Fluoranthene (C21.85)

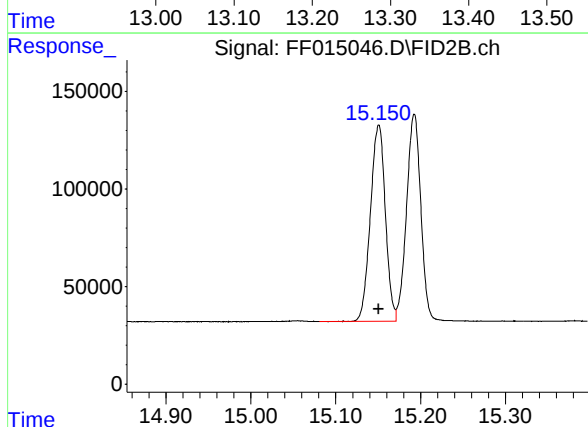
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 1299695
Conc: 10.64 ug/ml



#13 Pyrene (C20.8)

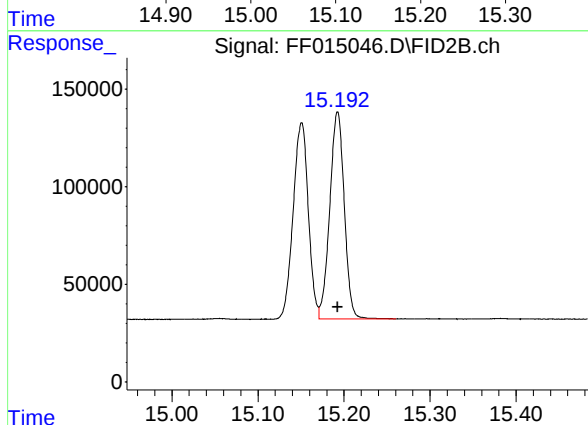
R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 1282082
Conc: 10.61 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



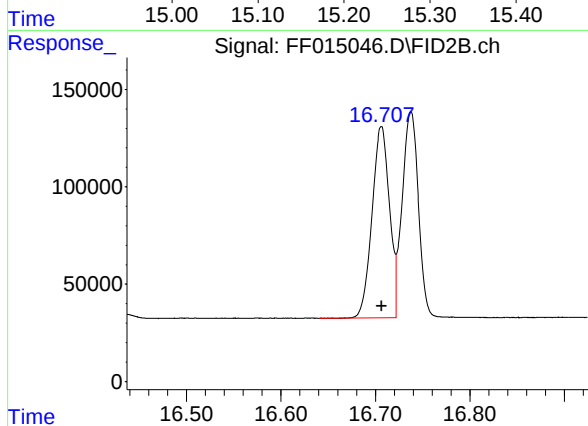
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 1232832
Conc: 10.65 ug/ml



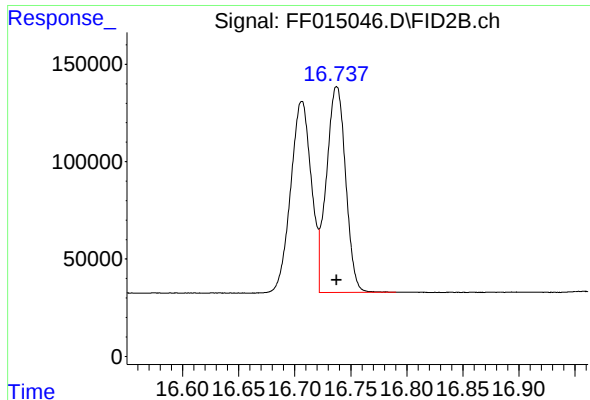
#15 Chrysene (C27.41)

R.T.: 15.192 min
Delta R.T.: 0.000 min
Response: 1246385
Conc: 10.73 ug/ml



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

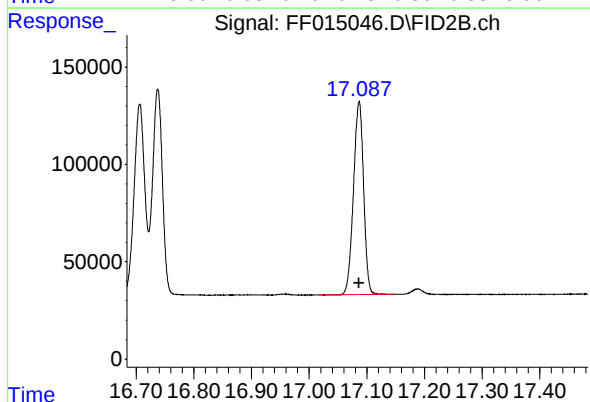
R.T.: 16.706 min
Delta R.T.: 0.000 min
Response: 1255307
Conc: 10.66 ug/ml



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

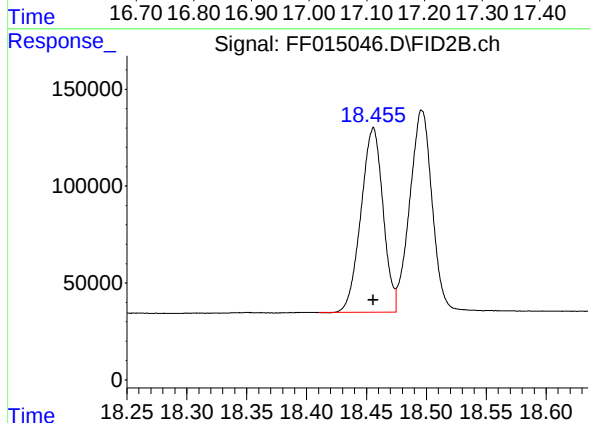
R.T.: 16.737 min
Delta R.T.: 0.000 min
Response: 1262152
Conc: 10.80 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



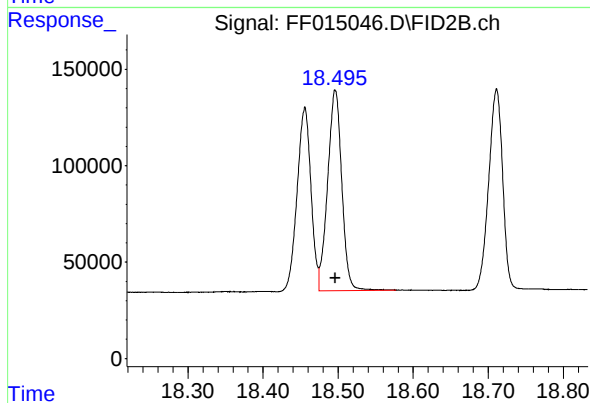
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.087 min
Delta R.T.: 0.000 min
Response: 1212692
Conc: 10.67 ug/ml



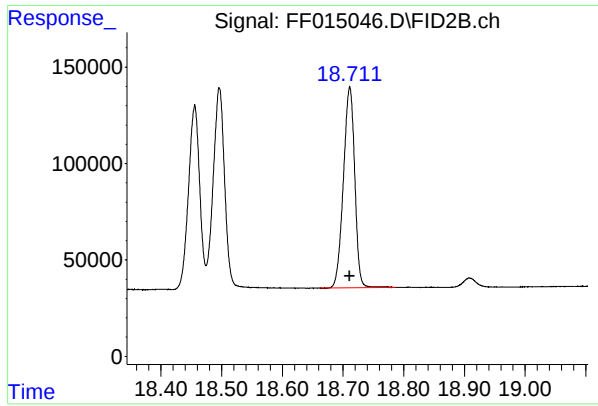
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.456 min
Delta R.T.: 0.000 min
Response: 1218869
Conc: 10.51 ug/ml



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

R.T.: 18.496 min
Delta R.T.: 0.000 min
Response: 1363538
Conc: 11.28 ug/ml



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

R.T.: 18.711 min
Delta R.T.: 0.000 min
Response: 1353291
Conc: 10.73 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015046.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 18:58
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.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	4.608	4.550	4.674	BB	143251	1417126	98.03%	5.176%
2	6.272	6.205	6.337	BB	148542	1445570	100.00%	5.280%
3	7.364	7.322	7.429	BB	144290	1404290	97.14%	5.129%
4	7.989	7.929	8.049	BB	128159	1273061	88.07%	4.650%
5	8.664	8.594	8.739	BB	145479	1423984	98.51%	5.201%
6	8.863	8.799	8.924	BB	83829	850976	58.87%	3.108%
7	8.962	8.929	9.034	BB	140967	1396444	96.60%	5.100%
8	9.751	9.682	9.809	BB	137386	1389870	96.15%	5.076%
9	11.156	11.069	11.195	BV	127059	1335378	92.38%	4.877%
10	11.230	11.195	11.292	VB	120584	1313361	90.85%	4.797%
11	11.924	11.852	11.975	BB	130126	1402058	96.99%	5.121%
12	12.974	12.937	13.017	PB	119410	1299695	89.91%	4.747%
13	13.273	13.209	13.307	BV	114816	1282082	88.69%	4.683%
14	15.151	15.080	15.171	BV	100824	1232832	85.28%	4.503%
15	15.192	15.171	15.260	VB	106359	1246385	86.22%	4.552%
16	16.706	16.640	16.722	BV	98587	1255307	86.84%	4.585%
17	16.737	16.722	16.790	VB	105922	1262152	87.31%	4.610%
18	17.087	17.017	17.150	BB	99434	1212692	83.89%	4.429%
19	18.456	18.410	18.475	BV	95099	1218869	84.32%	4.452%
20	18.496	18.475	18.577	VB	104040	1363538	94.33%	4.980%
21	18.711	18.660	18.787	BB	104146	1353291	93.62%	4.943%
Sum of corrected areas:						27378959		

Aromatic EPH 111524.M Fri Nov 15 02:11:44 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015047.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 19:27
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 15 02:01:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 2024
 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...	7.989	661811	5.420 ug/ml
Spiked Amount 50.000		Recovery =	10.84%
6) S 2-Fluorobiphenyl (SURR)	8.862	439890	5.388 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.78%
11) S ortho-Terphenyl (SURR)	11.923	737041	5.494 ug/ml
Spiked Amount 50.000		Recovery =	10.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	738465	5.451 ug/ml
2) T Naphthalene (C11.7)	6.272	746372	5.405 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	730162	5.414 ug/ml
5) T Acenaphthylene (C15.06)	8.663	742151	5.435 ug/ml
7) T Acenaphthene (C15.5)	8.961	727345	5.442 ug/ml
8) T Fluorene (C16.55)	9.749	725199	5.433 ug/ml
9) T Phenanthrene (C19.36)	11.155	699717	5.449 ug/ml
10) T Anthracene (C19.43)	11.229	690077	5.470 ug/ml
12) T Fluoranthene (C21.85)	12.974	682318	5.456 ug/ml
13) T Pyrene (C20.8)	13.272	671431	5.435 ug/ml
14) T Benzo[a]anthracene (C...	15.149	648569	5.471 ug/ml
15) T Chrysene (C27.41)	15.191	663253	5.554 ug/ml
16) T benzo[b]fluoranthene ...	16.704	665220	5.507 ug/ml
17) T Bnezo[k]fluoranthene ...	16.736	672090	5.583 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.084	641313	5.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.452	644590	5.438 ug/ml
20) T Dibenz[a,h]anthracene...	18.494	778478	6.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.707	721502	5.561 ug/ml

(f)=RT Delta > 1/2 Window

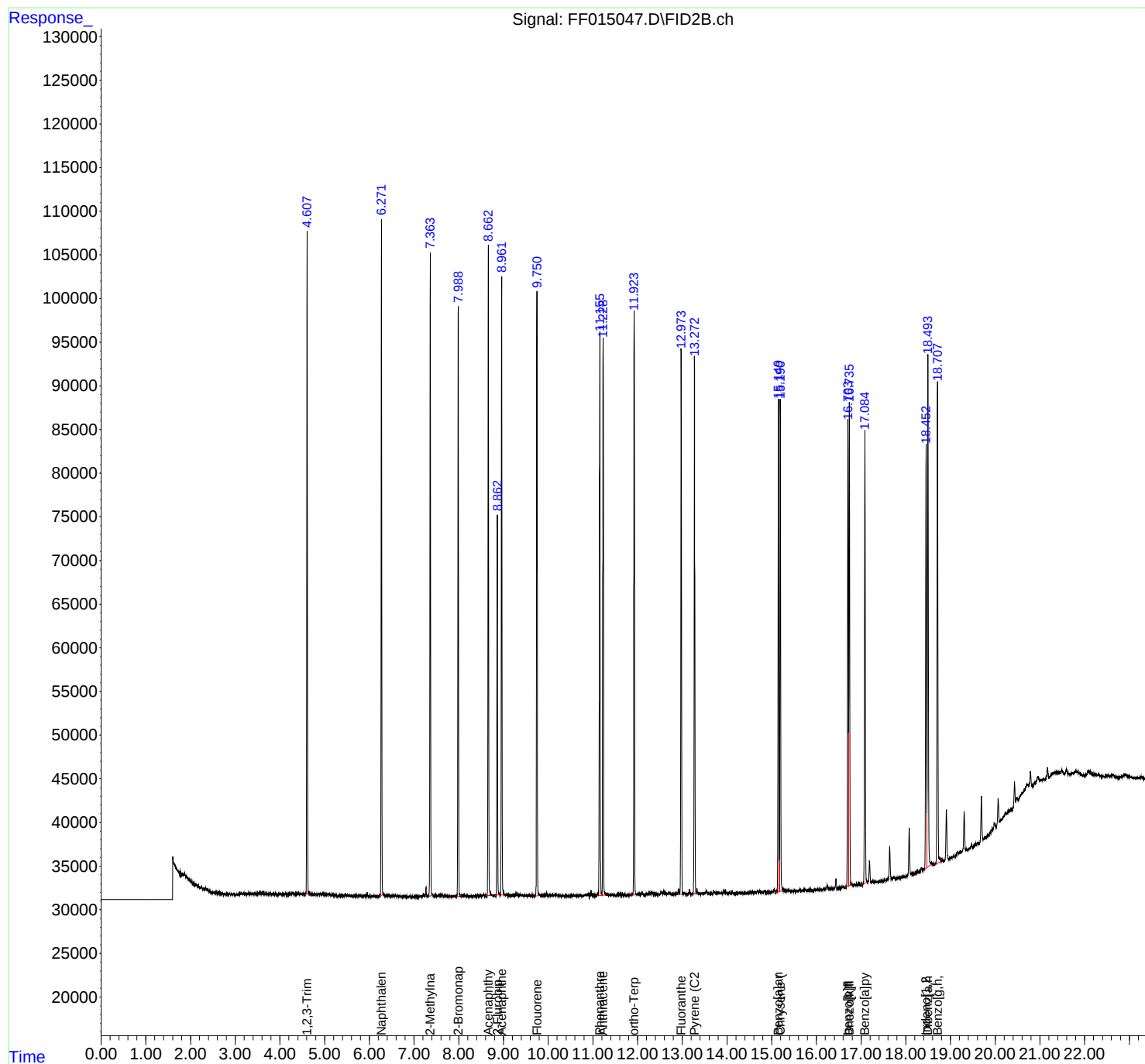
(m)=manual int.

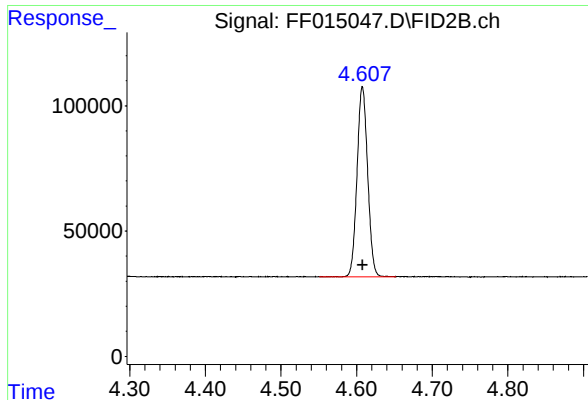
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015047.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 19:27
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Nov 15 02:01:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
Quant Title : GC Extractables
QLast Update : Fri Nov 15 01:54:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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

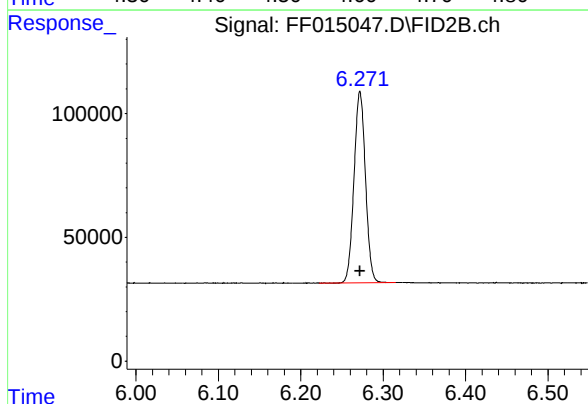




#1 1,2,3-Trimethylbenzene (C10.1)

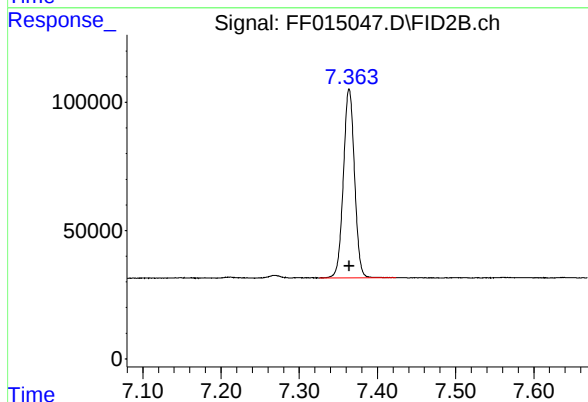
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 738465
Conc: 5.45 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



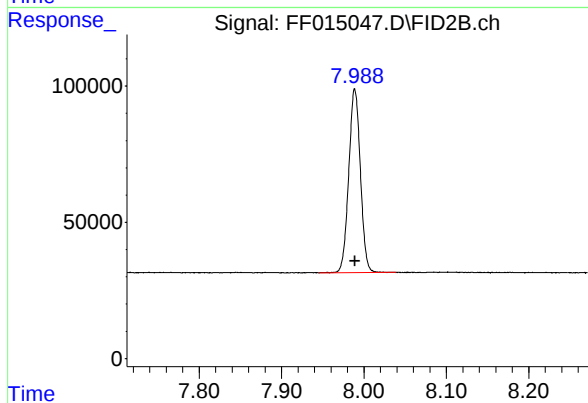
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 746372
Conc: 5.40 ug/ml



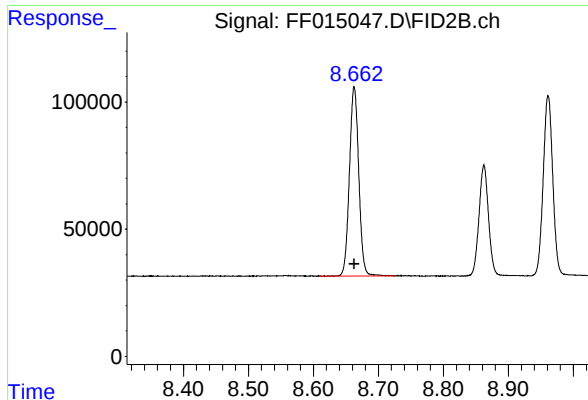
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 730162
Conc: 5.41 ug/ml



#4 2-Bromonaphthalene (SURR)

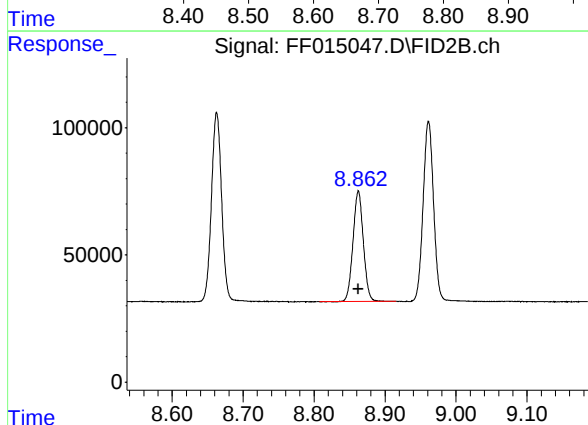
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 661811
Conc: 5.42 ug/ml



#5 Acenaphthylene (C15.06)

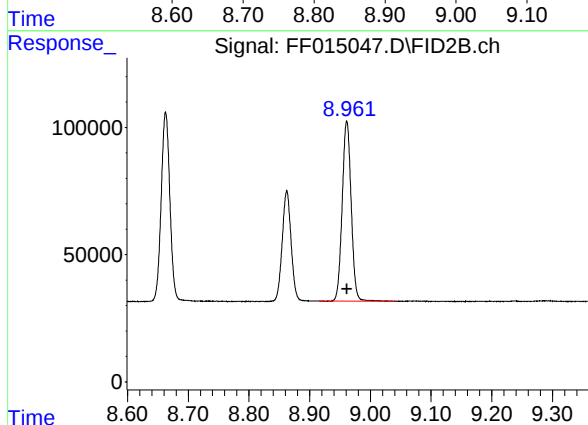
R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 742151
Conc: 5.43 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



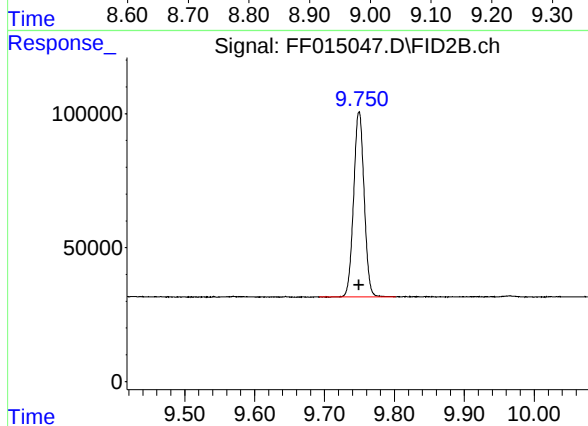
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 439890
Conc: 5.39 ug/ml



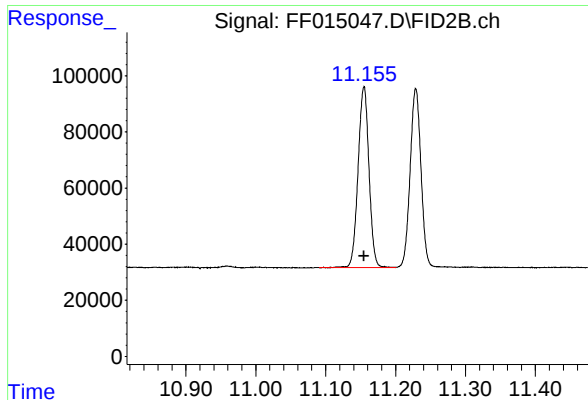
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 727345
Conc: 5.44 ug/ml



#8 Flouorene (C16.55)

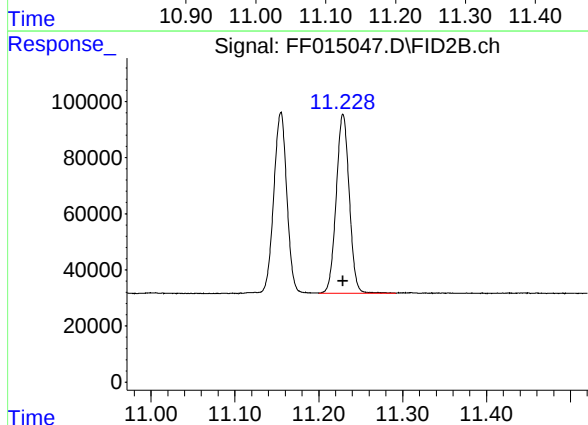
R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 725199
Conc: 5.43 ug/ml



#9 Phenanthrene (C19.36)

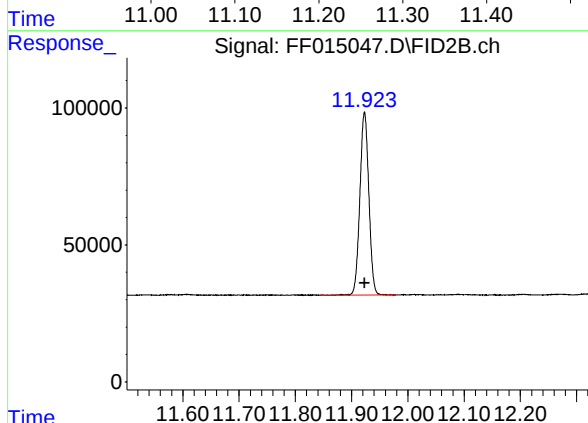
R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 699717
Conc: 5.45 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



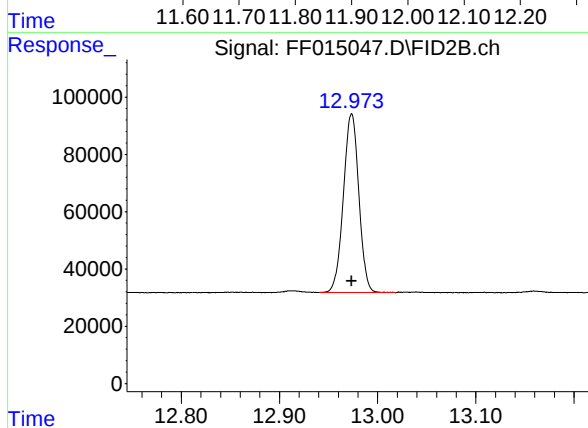
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 690077
Conc: 5.47 ug/ml



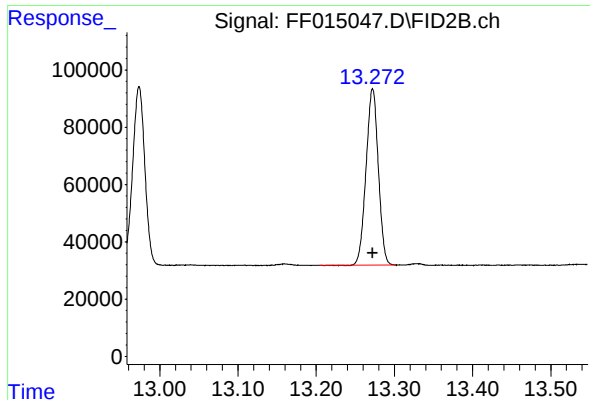
#11 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: 0.000 min
Response: 737041
Conc: 5.49 ug/ml



#12 Fluoranthene (C21.85)

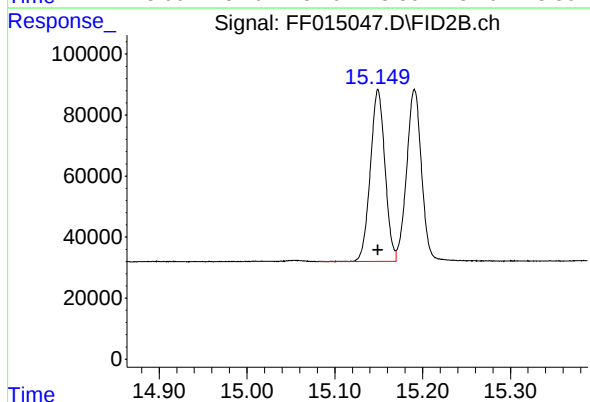
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 682318
Conc: 5.46 ug/ml



#13 Pyrene (C20.8)

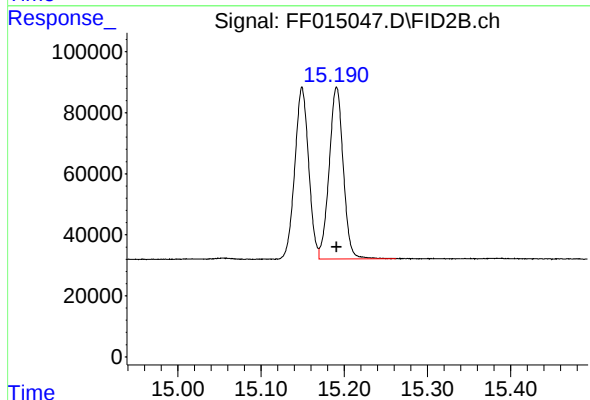
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 671431
Conc: 5.44 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



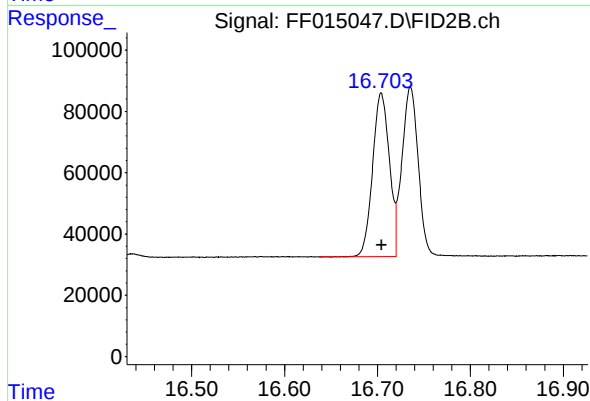
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.149 min
Delta R.T.: 0.000 min
Response: 648569
Conc: 5.47 ug/ml



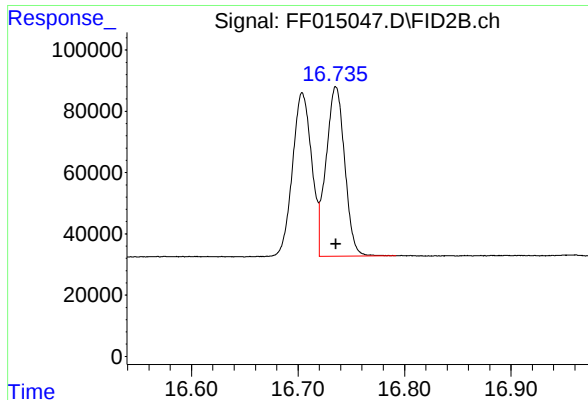
#15 Chrysene (C27.41)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 663253
Conc: 5.55 ug/ml



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

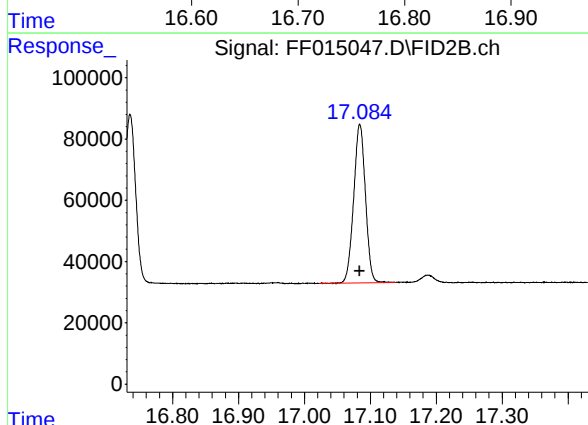
R.T.: 16.704 min
Delta R.T.: 0.000 min
Response: 665220
Conc: 5.51 ug/ml



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

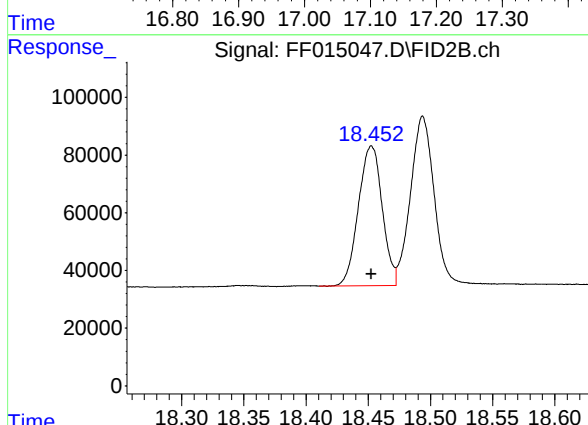
R.T.: 16.736 min
Delta R.T.: 0.000 min
Response: 672090
Conc: 5.58 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



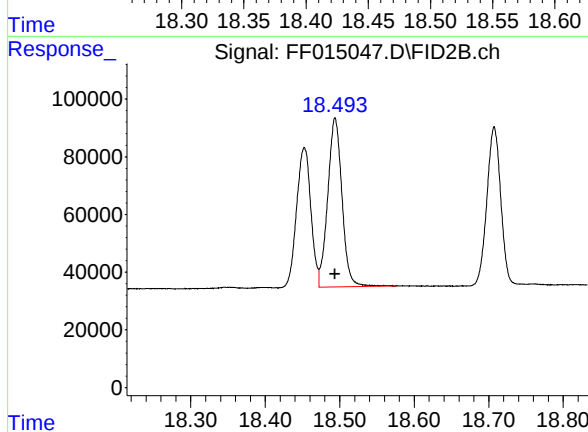
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.084 min
Delta R.T.: 0.000 min
Response: 641313
Conc: 5.50 ug/ml



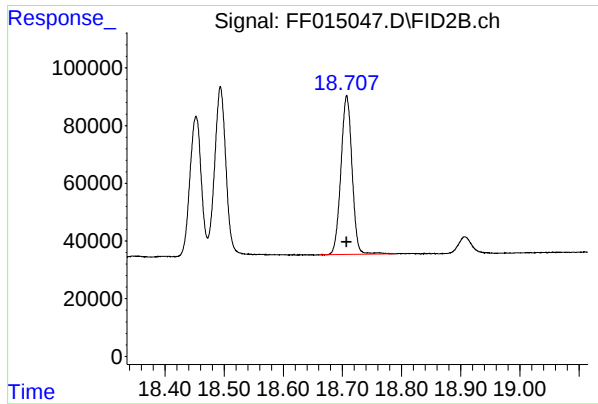
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.452 min
Delta R.T.: 0.000 min
Response: 644590
Conc: 5.44 ug/ml



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

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 778478
Conc: 6.09 ug/ml



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

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 721502
Conc: 5.56 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015047.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 19:27
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.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	4.608	4.550	4.652	BB	75923	738465	94.86%	5.119%
2	6.272	6.222	6.315	BB	77254	746372	95.88%	5.173%
3	7.364	7.325	7.424	BB	73619	730162	93.79%	5.061%
4	7.989	7.945	8.039	BB	67438	661811	85.01%	4.587%
5	8.663	8.609	8.727	BB	74481	742151	95.33%	5.144%
6	8.862	8.807	8.915	BB	43387	439890	56.51%	3.049%
7	8.961	8.915	9.042	BB	70819	727345	93.43%	5.042%
8	9.750	9.692	9.802	BB	69210	725199	93.16%	5.027%
9	11.155	11.090	11.200	BV	64931	699717	89.88%	4.850%
10	11.229	11.200	11.292	VB	63887	690077	88.64%	4.783%
11	11.923	11.842	11.979	BB	66831	737041	94.68%	5.109%
12	12.974	12.940	13.019	VB	62484	682318	87.65%	4.729%
13	13.272	13.204	13.302	BV	61667	671431	86.25%	4.654%
14	15.149	15.082	15.170	BV	56296	648569	83.31%	4.496%
15	15.191	15.170	15.262	VB	56376	663253	85.20%	4.597%
16	16.704	16.637	16.720	BV	53410	665220	85.45%	4.611%
17	16.736	16.720	16.792	VB	55357	672090	86.33%	4.659%
18	17.084	17.022	17.139	BB	51827	641313	82.38%	4.445%
19	18.452	18.410	18.472	BV	48458	644590	82.80%	4.468%
20	18.494	18.472	18.575	VB	58621	778478	100.00%	5.396%
21	18.707	18.660	18.790	BB	55077	721502	92.68%	5.001%
Sum of corrected areas:							14426996	

Aromatic EPH 111524.M Fri Nov 15 02:12:05 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015048.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 19:55
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 15 02:04:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 02:02:38 2024
 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

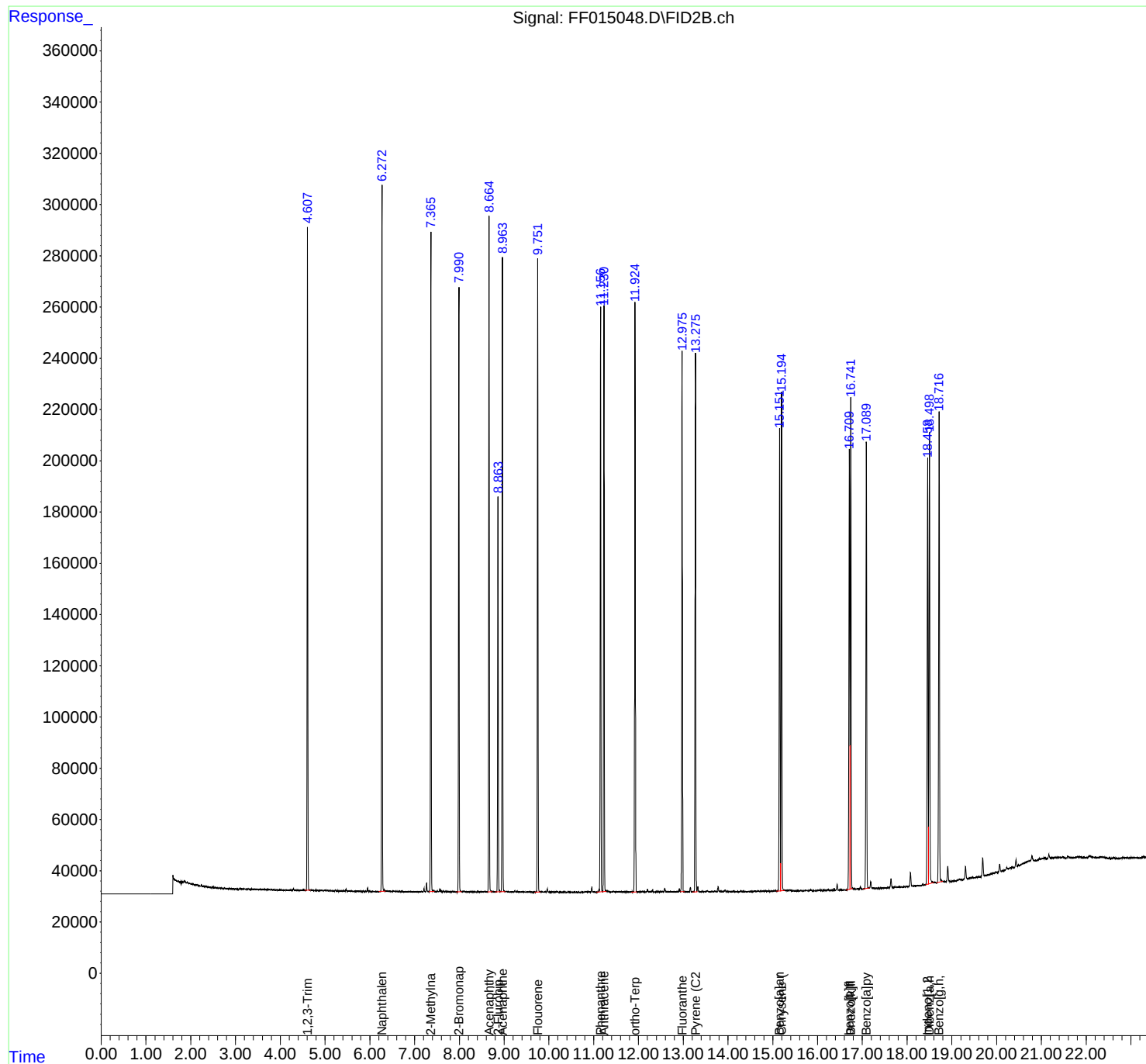
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.990	2307596	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
6) S 2-Fluorobiphenyl (SURR)	8.863	1548832	18.971 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.94%
11) S ortho-Terphenyl (SURR)	11.924	2541843	18.948 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2544338	18.781 ug/ml
2) T Naphthalene (C11.7)	6.272	2614528	18.933 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2547059	18.886 ug/ml
5) T Acenaphthylene (C15.06)	8.664	2585134	18.931 ug/ml
7) T Acenaphthene (C15.5)	8.963	2529120	18.924 ug/ml
8) T Fluorene (C16.55)	9.751	2528998	18.946 ug/ml
9) T Phenanthrene (C19.36)	11.156	2429410	18.919 ug/ml
10) T Anthracene (C19.43)	11.231	2382894	18.890 ug/ml
12) T Fluoranthene (C21.85)	12.975	2366132	18.921 ug/ml
13) T Pyrene (C20.8)	13.274	2342086	18.959 ug/ml
14) T Benzo[a]anthracene (C...	15.151	2224057	18.760 ug/ml
15) T Chrysene (C27.41)	15.194	2235234	18.718 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2259609	18.707 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2254846	18.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2178925	18.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2181342	18.401 ug/ml
20) T Dibenz[a,h]anthracene...	18.498	2329278	18.221 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	2422583	18.672 ug/ml

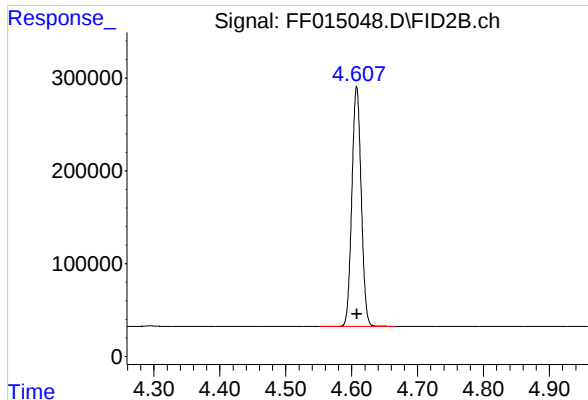
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

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





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

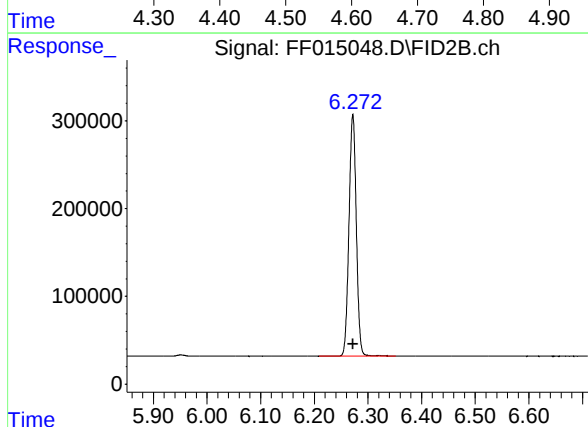
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2544338
Conc: 18.78 ug/ml

Instrument :

FID_F

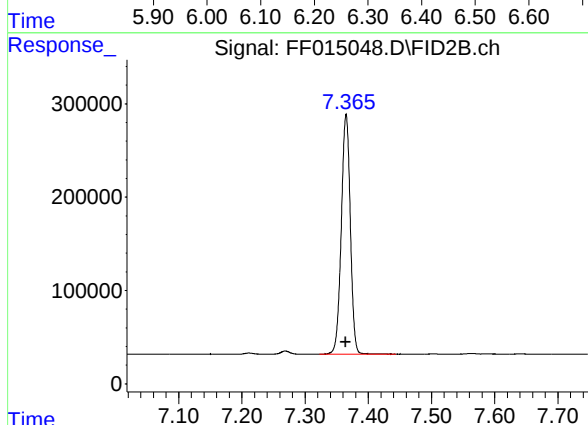
ClientSampleId :

20 PPM AROMATIC HC STD ICV



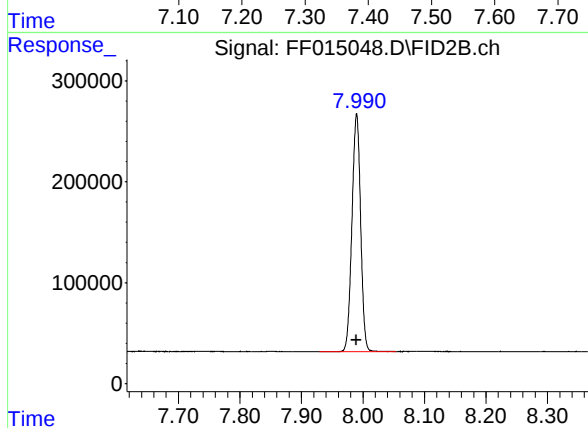
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2614528
Conc: 18.93 ug/ml



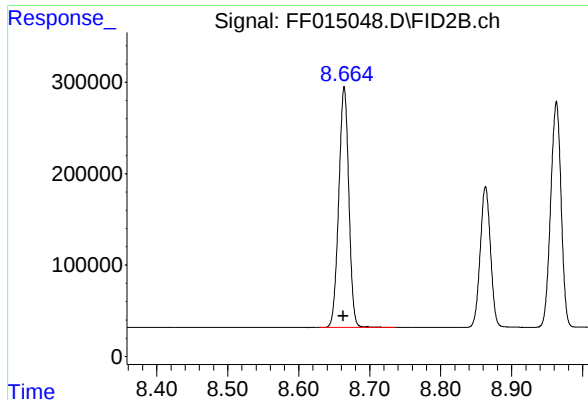
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2547059
Conc: 18.89 ug/ml



#4 2-Bromonaphthalene (SURR)

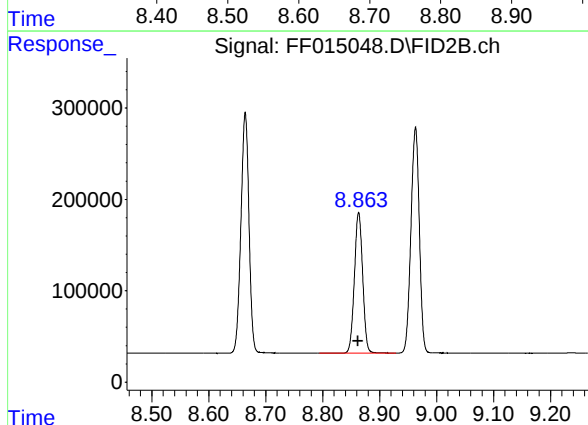
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 2307596
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

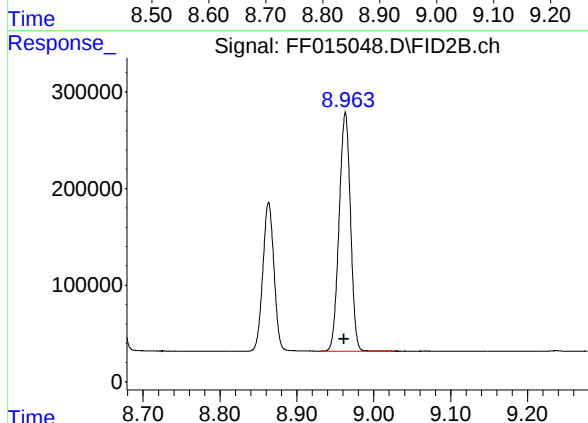
R.T.: 8.664 min
Delta R.T.: 0.001 min
Response: 2585134
Conc: 18.93 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



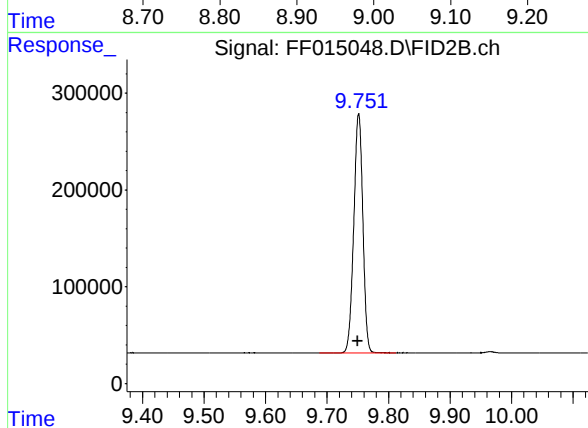
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1548832
Conc: 18.97 ug/ml



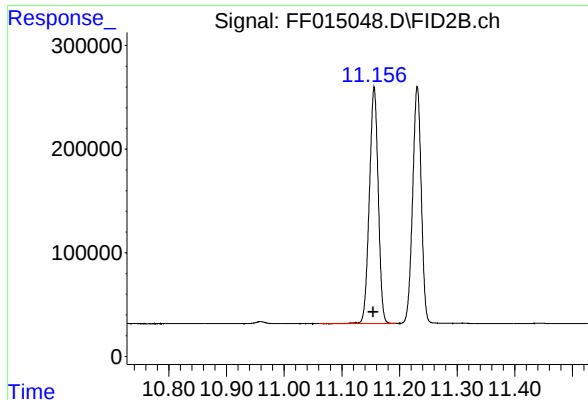
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.002 min
Response: 2529120
Conc: 18.92 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 2528998
Conc: 18.95 ug/ml



#9 Phenanthrene (C19.36)

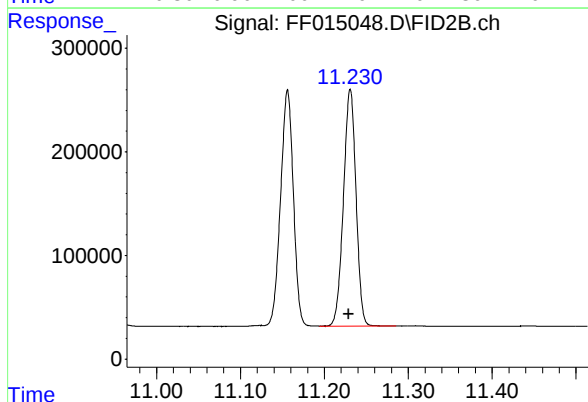
R.T.: 11.156 min
Delta R.T.: 0.001 min
Response: 2429410
Conc: 18.92 ug/ml

Instrument :

FID_F

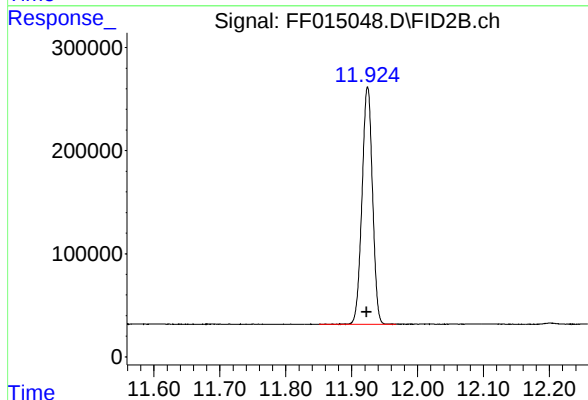
ClientSampleId :

20 PPM AROMATIC HC STD ICV



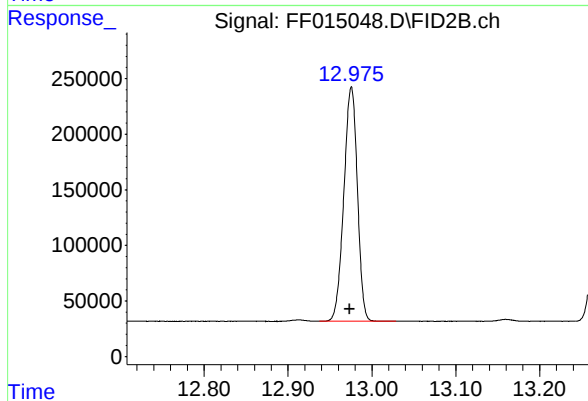
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 2382894
Conc: 18.89 ug/ml



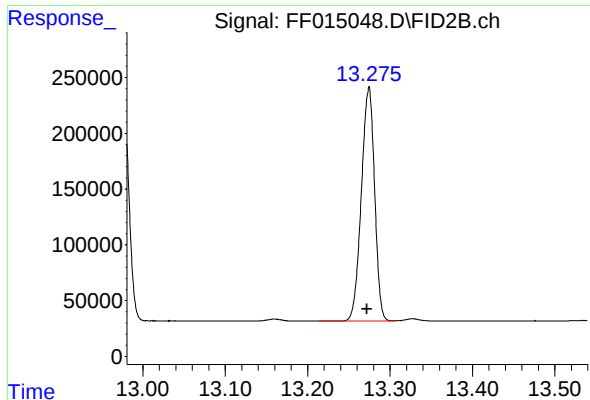
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.001 min
Response: 2541843
Conc: 18.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.975 min
Delta R.T.: 0.002 min
Response: 2366132
Conc: 18.92 ug/ml



#13 Pyrene (C20.8)

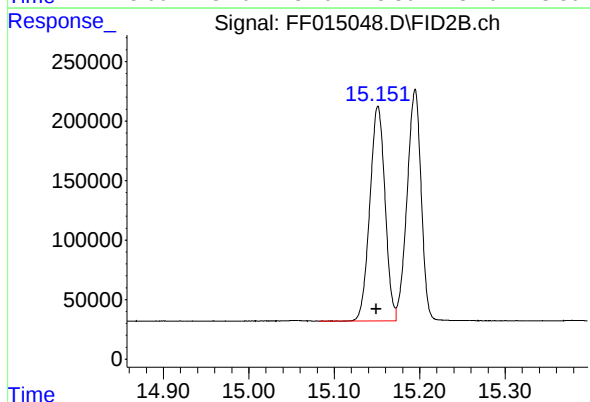
R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 2342086
Conc: 18.96 ug/ml

Instrument :

FID_F

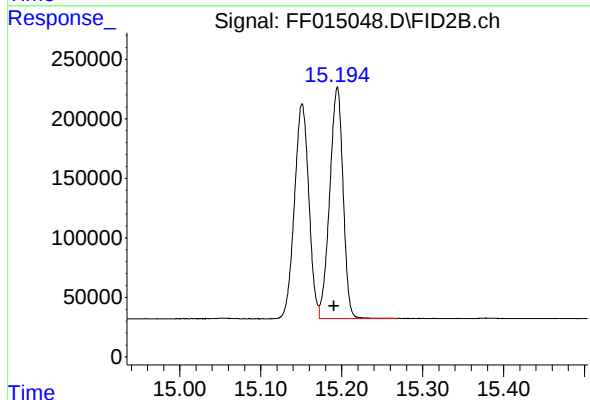
ClientSampleId :

20 PPM AROMATIC HC STD ICV



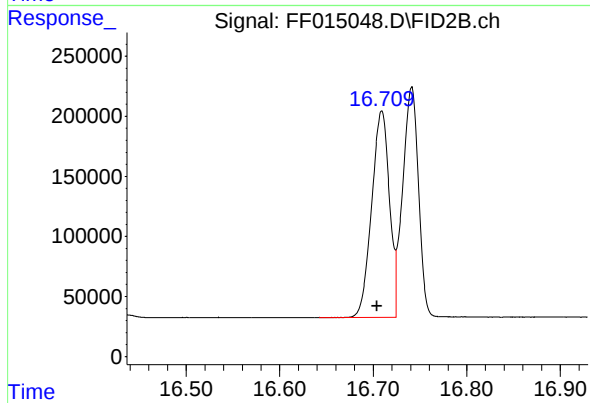
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: 0.002 min
Response: 2224057
Conc: 18.76 ug/ml



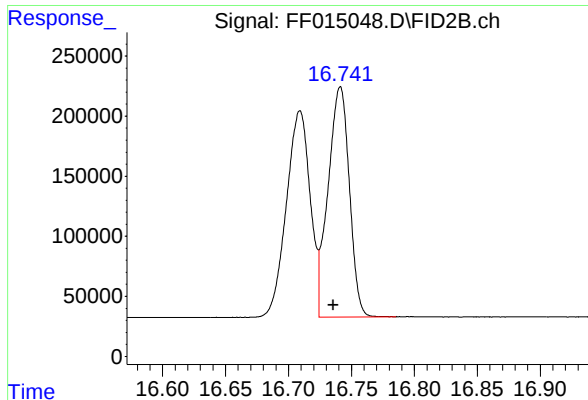
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.004 min
Response: 2235234
Conc: 18.72 ug/ml



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

R.T.: 16.709 min
Delta R.T.: 0.005 min
Response: 2259609
Conc: 18.71 ug/ml



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

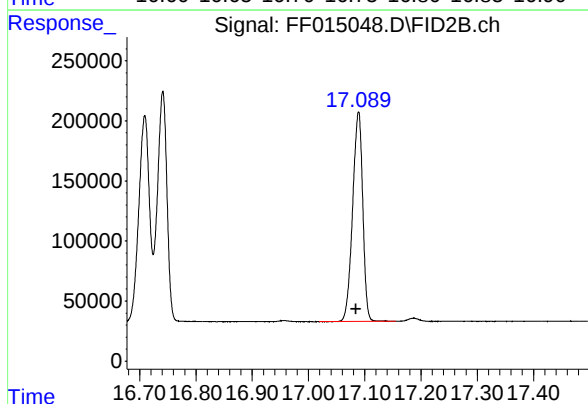
R.T.: 16.741 min
Delta R.T.: 0.005 min
Response: 2254846
Conc: 18.73 ug/ml

Instrument :

FID_F

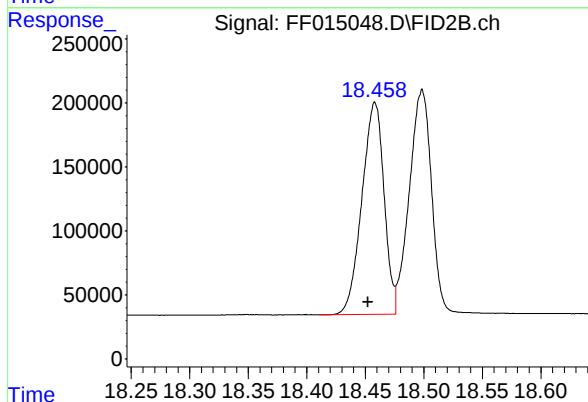
ClientSampleId :

20 PPM AROMATIC HC STD ICV



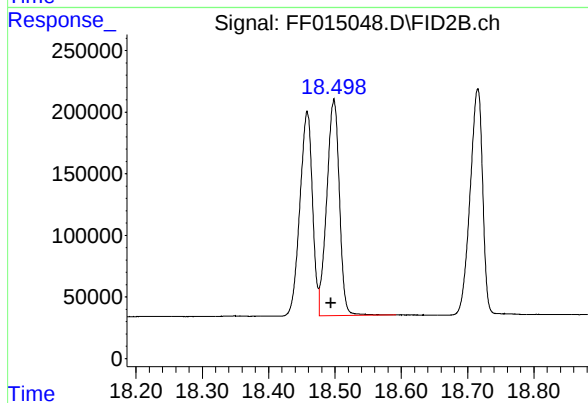
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.005 min
Response: 2178925
Conc: 18.70 ug/ml



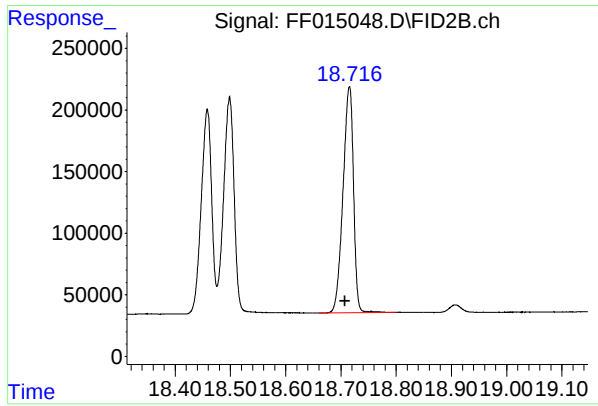
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: 0.006 min
Response: 2181342
Conc: 18.40 ug/ml



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

R.T.: 18.498 min
Delta R.T.: 0.004 min
Response: 2329278
Conc: 18.22 ug/ml



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

R.T.: 18.715 min

Delta R.T.: 0.008 min

Response: 2422583

Conc: 18.67 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
Data File : FF015048.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 19:55
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.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	4.608	4.550	4.667	BB	258575	2544338	97.32%	5.155%
2	6.272	6.209	6.352	BB	275773	2614528	100.00%	5.298%
3	7.365	7.322	7.444	BB	257550	2547059	97.42%	5.161%
4	7.990	7.929	8.054	BB	236476	2307596	88.26%	4.676%
5	8.664	8.629	8.737	BB	263369	2585134	98.88%	5.238%
6	8.863	8.794	8.929	BV	154270	1548832	59.24%	3.138%
7	8.963	8.929	9.029	VB	248366	2529120	96.73%	5.124%
8	9.751	9.687	9.812	BB	247596	2528998	96.73%	5.124%
9	11.156	11.060	11.194	BV	227736	2429410	92.92%	4.922%
10	11.231	11.194	11.285	VV	229138	2382894	91.14%	4.828%
11	11.924	11.850	11.967	BB	230385	2541843	97.22%	5.150%
12	12.975	12.937	13.029	PB	210905	2366132	90.50%	4.794%
13	13.274	13.214	13.307	BV	208374	2342086	89.58%	4.745%
14	15.151	15.082	15.172	BV	180316	2224057	85.07%	4.506%
15	15.194	15.172	15.267	VB	193738	2235234	85.49%	4.529%
16	16.709	16.642	16.724	BV	171969	2259609	86.43%	4.578%
17	16.741	16.724	16.785	VB	191629	2254846	86.24%	4.569%
18	17.089	17.019	17.155	BB	174820	2178925	83.34%	4.415%
19	18.458	18.410	18.476	BV	165865	2181342	83.43%	4.420%
20	18.498	18.476	18.592	VB	176177	2329278	89.09%	4.720%
21	18.715	18.660	18.800	BBA	183756	2422583	92.66%	4.909%
Sum of corrected areas:						49353842		

Aromatic EPH 111524.M Fri Nov 15 02:12:43 2024