

Initial Calibration Report for SequenceID : FF083025AR

AreaCount

Parameter Range	FF016252.D	FF016253.D	FF016254.D	FF016255.D	FF016256.D	
Aromatic C10-C12	23199410.000	12054329.000	5274365.000	3125830.000	1412799.000	
Aromatic C12-C16	36488038.000	19043704.000	8344549.000	4951204.000	2219849.000	
Aromatic C16-C21	48667328.000	25269821.000	11026534.000	6549526.000	2982155.000	
Aromatic C21-C36	101060908.000	51970805.000	22656542.000	13718049.000	6124759.000	
Aromatic EPH	209415684.000	108338659.000	47301990.000	28344609.000	12739562.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	133194.173	12.201				
Aromatic C12-C16	140138.1406662	12.356				
Aromatic C16-C21	139739	12.256				
Aromatic C21-C36	128435.7551104	12.729				
Aromatic EPH	133426.6979994	12.487				

Concentration

Parameter Range	FF016252.D	FF016253.D	FF016254.D	FF016255.D	FF016256.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	FF016252.D	FF016253.D	FF016254.D	FF016255.D	FF016256.D	
Aromatic C10-C12	115997.050000	120543.290000	131859.125000	156291.500000	141279.900000	
Aromatic C12-C16	121626.793333	126958.026666	139075.816666	165040.133333	147989.933333	
Aromatic C16-C21	121668.320000	126349.105000	137831.675000	163738.150000	149107.750000	
Aromatic C21-C36	112289.897777	115490.677777	125869.677777	152422.766666	136105.755555	
Aromatic EPH	116342.046666	120376.287777	131394.416666	157470.050000	141550.688888	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016252.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 09:33
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:02:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.041	10383773	87.711 ug/ml
Spiked Amount 50.000		Recovery =	175.42%
6) S 2-Fluorobiphenyl (SURR)	8.918	7213065	87.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	175.43%#
11) S ortho-Terphenyl (SURR)	11.987	12459929	87.280 ug/ml
Spiked Amount 50.000		Recovery =	174.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.634	11222638	87.711 ug/ml
2) T Naphthalene (C11.7)	6.311	11976772	88.215 ug/ml
3) T 2-Methylnaphthalene (...)	7.412	12206131	87.965 ug/ml
5) T Acenaphthylene (C15.06)	8.720	12152705	87.307 ug/ml
7) T Acenaphthene (C15.5)	9.021	12129202	87.090 ug/ml
8) T Fluorene (C16.55)	9.810	12111678	87.526 ug/ml
9) T Phenanthrene (C19.36)	11.218	12299070	88.384 ug/ml
10) T Anthracene (C19.43)	11.295	12023505	88.110 ug/ml
12) T Fluoranthene (C21.85)	13.044	12314756	88.631 ug/ml
13) T Pyrene (C20.8)	13.344	12233075	89.075 ug/ml
14) T Benzo[a]anthracene (C...	15.227	11776785	90.187 ug/ml
15) T Chrysene (C27.41)	15.274	11872583	89.001 ug/ml
16) T benzo[b]fluoranthene ...	16.788	11512770	89.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.828	10915196	89.418 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.173	11163487	89.273 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.548	10500705	94.257 ug/ml
20) T Dibenz[a,h]anthracene...	18.588	10312248	83.967 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.810	10692378	88.879 ug/ml

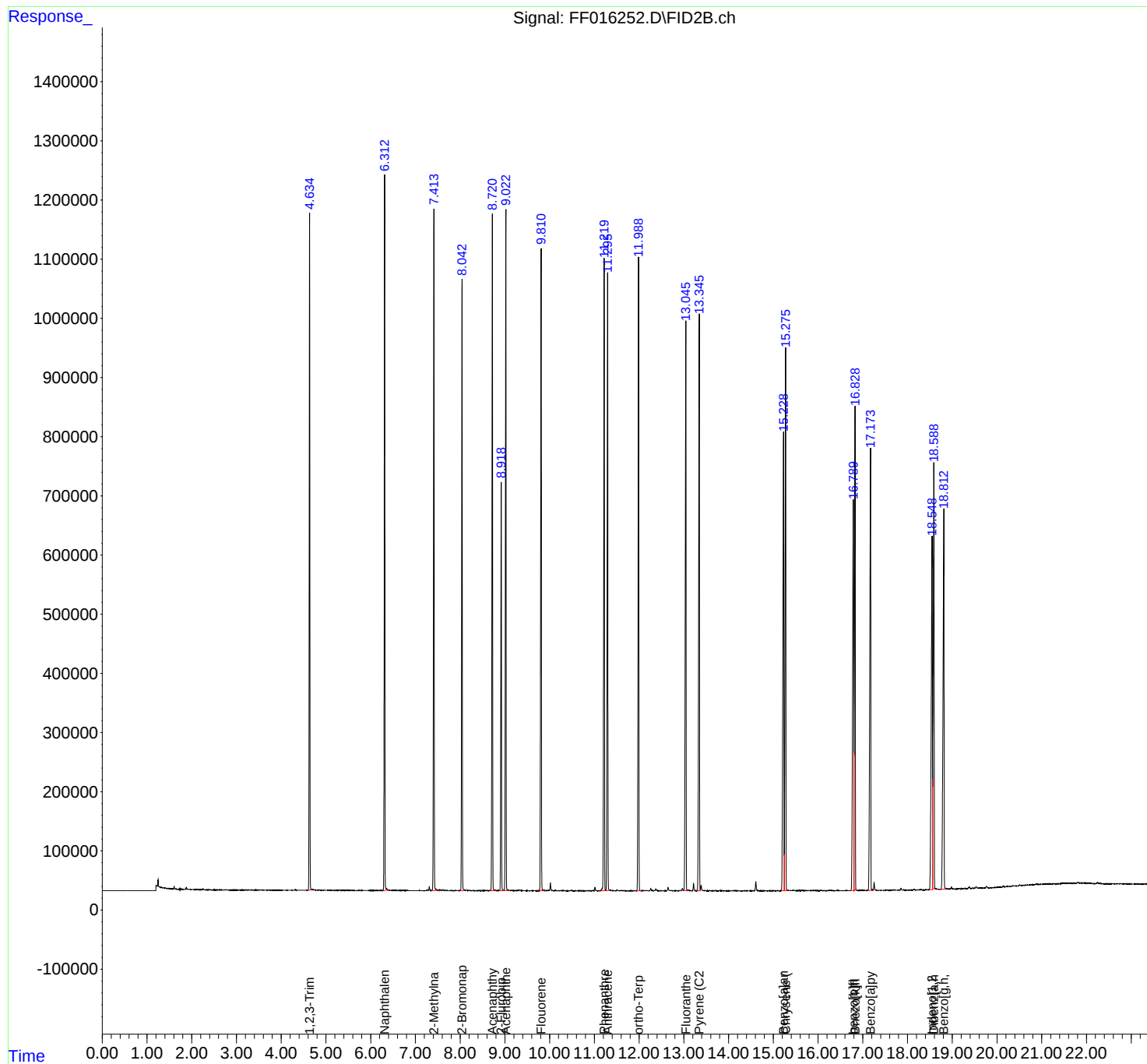
(f)=RT Delta > 1/2 Window

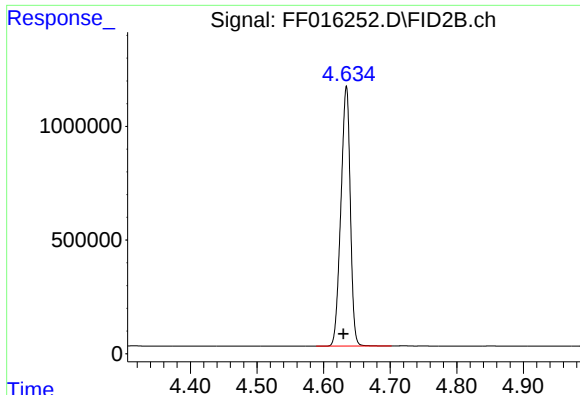
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016252.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 09:33
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 09:02:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:02:04 2025
Response via : Initial Calibration
Integrator: ChemStation

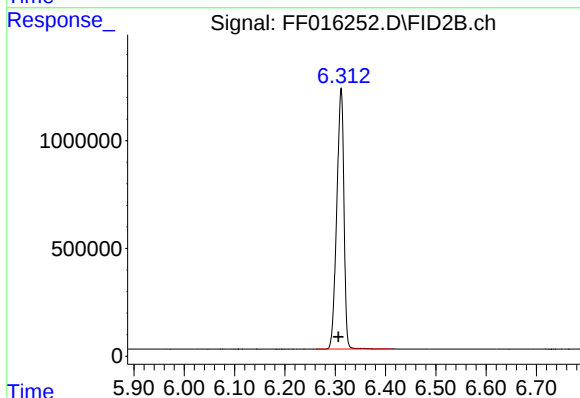
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





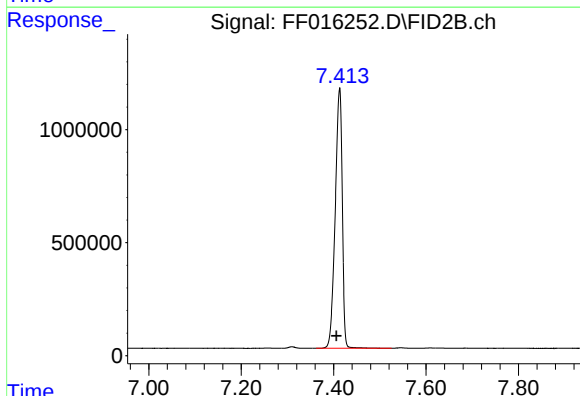
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.634 min
Delta R.T.: 0.004 min
Response: 11222638
Conc: 87.71 ug/ml



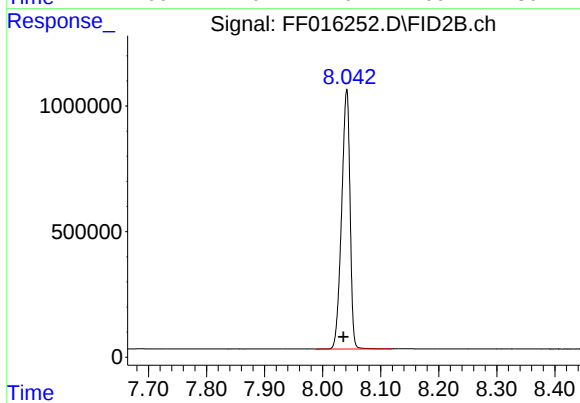
#2 Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.005 min
Response: 11976772
Conc: 88.22 ug/ml



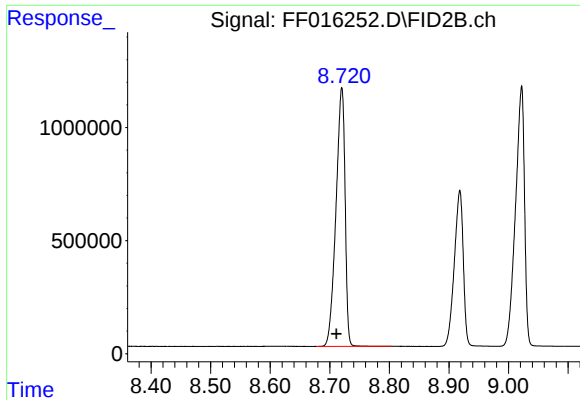
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: 0.007 min
Response: 12206131
Conc: 87.97 ug/ml



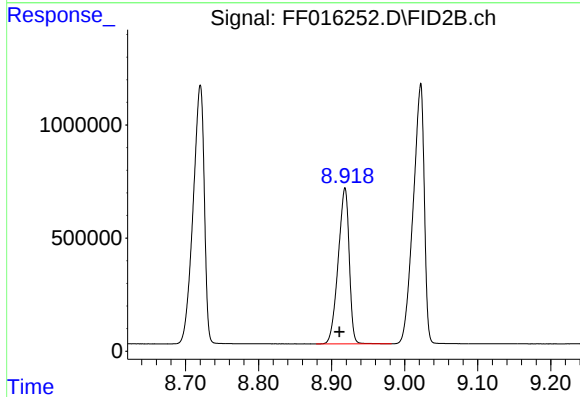
#4 2-Bromonaphthalene (SURR)

R.T.: 8.041 min
Delta R.T.: 0.005 min
Response: 10383773
Conc: 87.71 ug/ml



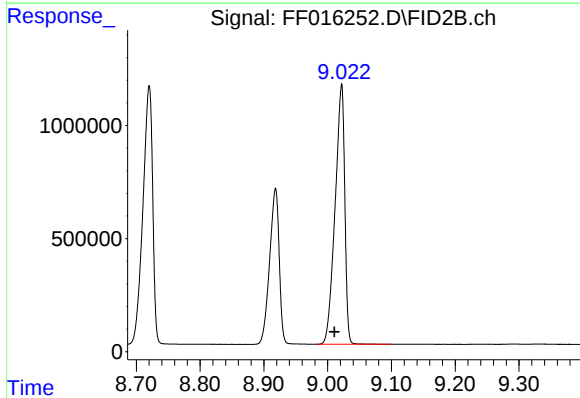
#5 Acenaphthylene (C15.06)

R.T.: 8.720 min
Delta R.T.: 0.009 min
Response: 12152705
Conc: 87.31 ug/ml



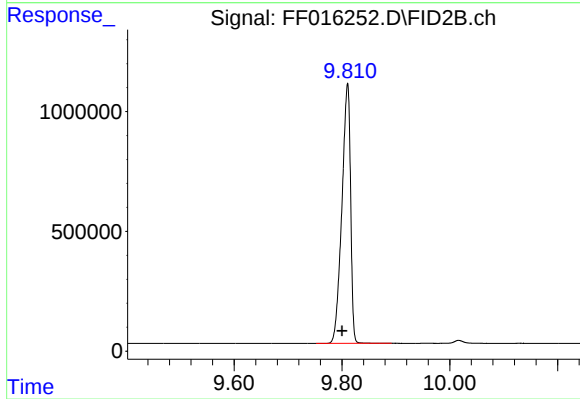
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.918 min
Delta R.T.: 0.007 min
Response: 7213065
Conc: 87.72 ug/ml



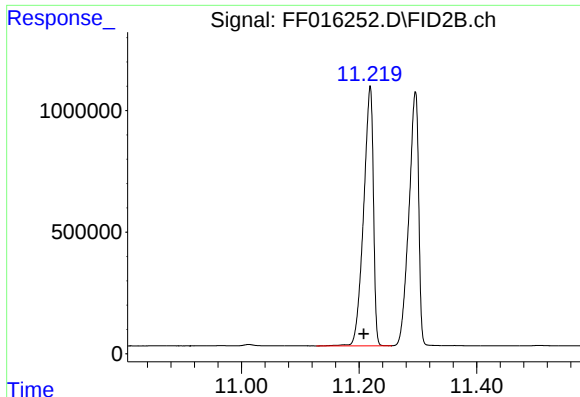
#7 Acenaphthene (C15.5)

R.T.: 9.021 min
Delta R.T.: 0.010 min
Response: 12129202
Conc: 87.09 ug/ml



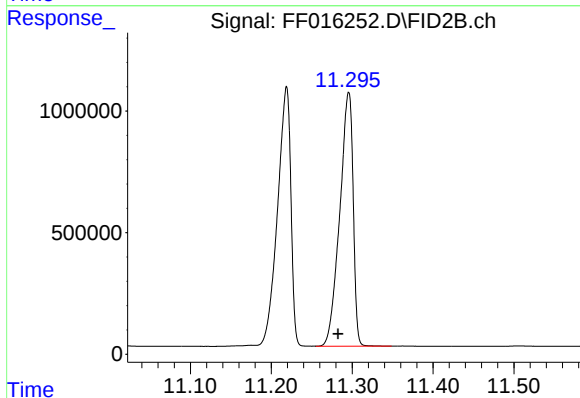
#8 Flouorene (C16.55)

R.T.: 9.810 min
Delta R.T.: 0.010 min
Response: 12111678
Conc: 87.53 ug/ml



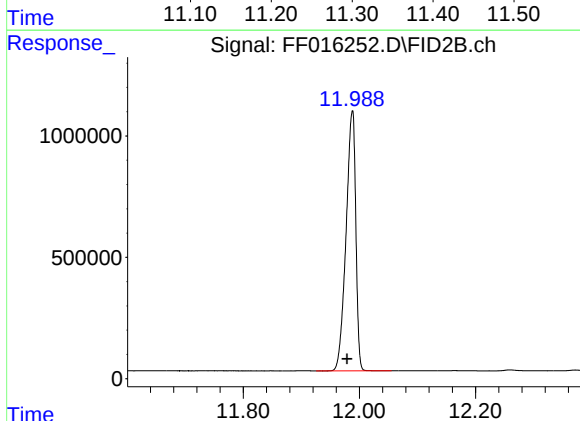
#9 Phenanthrene (C19.36)

R.T.: 11.218 min
Delta R.T.: 0.010 min
Response: 12299070
Conc: 88.38 ug/ml



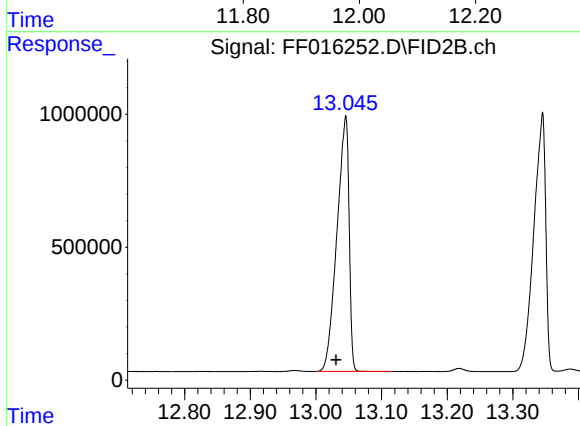
#10 Anthracene (C19.43)

R.T.: 11.295 min
Delta R.T.: 0.013 min
Response: 12023505
Conc: 88.11 ug/ml



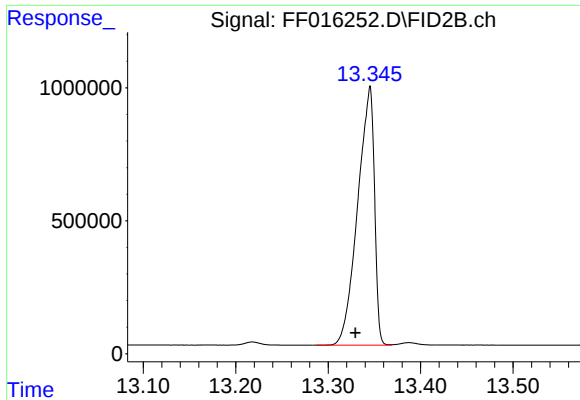
#11 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.009 min
Response: 12459929
Conc: 87.28 ug/ml



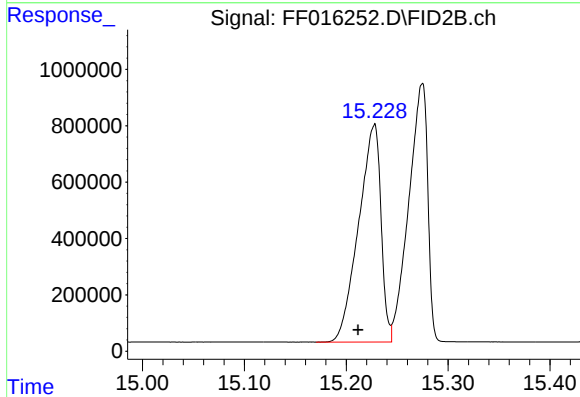
#12 Fluoranthene (C21.85)

R.T.: 13.044 min
Delta R.T.: 0.014 min
Response: 12314756
Conc: 88.63 ug/ml



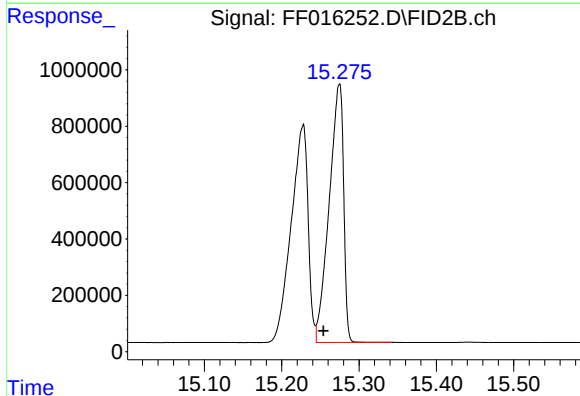
#13 Pyrene (C20.8)

R.T.: 13.344 min
Delta R.T.: 0.015 min
Response: 12233075
Conc: 89.08 ug/ml



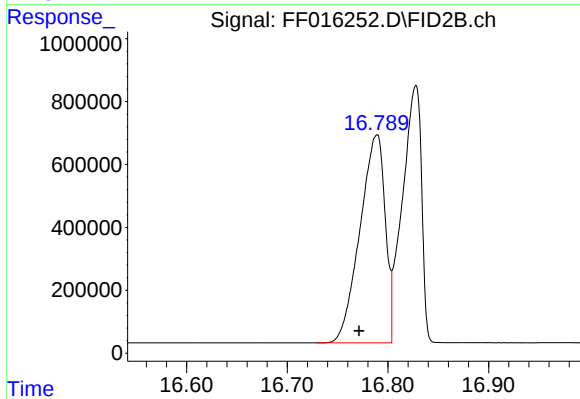
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.227 min
Delta R.T.: 0.015 min
Response: 11776785
Conc: 90.19 ug/ml



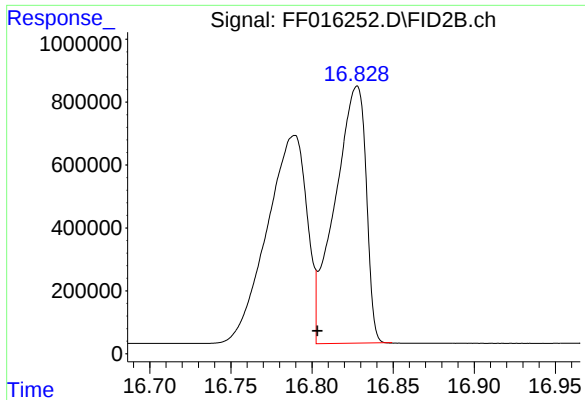
#15 Chrysene (C27.41)

R.T.: 15.274 min
Delta R.T.: 0.020 min
Response: 11872583
Conc: 89.00 ug/ml



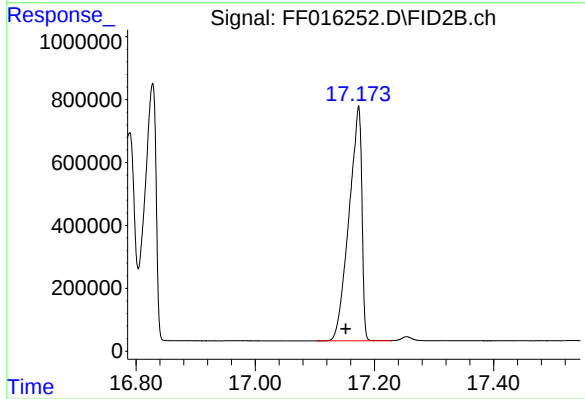
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.788 min
Delta R.T.: 0.017 min
Response: 11512770
Conc: 89.76 ug/ml



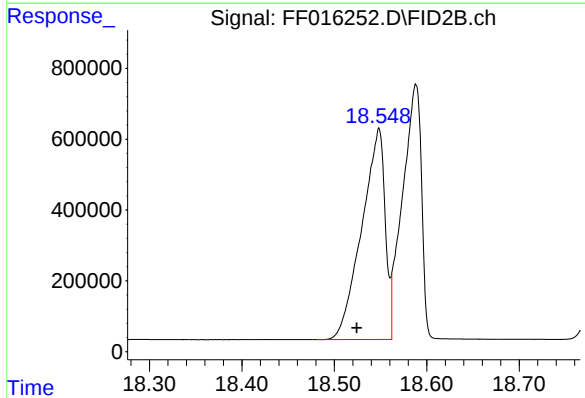
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.828 min
Delta R.T.: 0.024 min
Response: 10915196
Conc: 89.42 ug/ml m



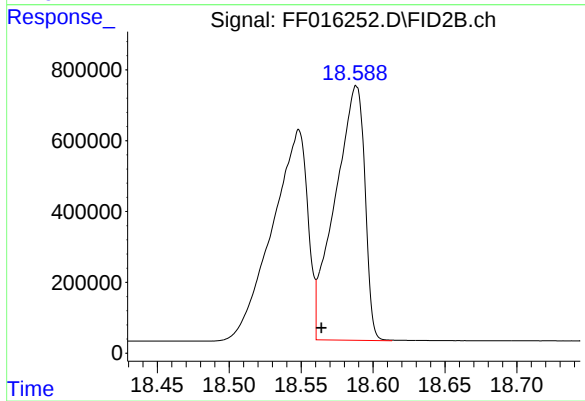
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.173 min
Delta R.T.: 0.021 min
Response: 11163487
Conc: 89.27 ug/ml



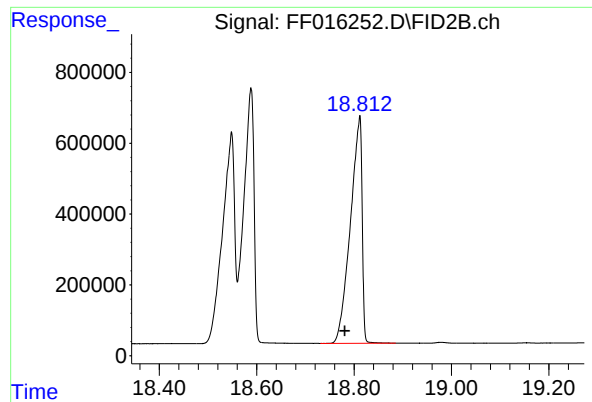
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.548 min
Delta R.T.: 0.023 min
Response: 10500705
Conc: 94.26 ug/ml



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

R.T.: 18.588 min
Delta R.T.: 0.023 min
Response: 10312248
Conc: 83.97 ug/ml m



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

R.T.: 18.810 min
Delta R.T.: 0.030 min
Response: 10692378
Conc: 88.88 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016252.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 09:33
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.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	4.634	4.589	4.702	BV	1143694	11222638	90.07%	4.689%
2	6.311	6.262	6.412	BB	1217002	11976772	96.12%	5.005%
3	7.412	7.362	7.525	BB	1146080	12206131	97.96%	5.100%
4	8.041	7.989	8.119	BV	1027961	10383773	83.34%	4.339%
5	8.720	8.677	8.804	BB	1150823	12152705	97.53%	5.078%
6	8.918	8.879	8.982	BV	695241	7213065	57.89%	3.014%
7	9.021	8.982	9.100	VB	1130698	12129202	97.35%	5.068%
8	9.810	9.752	9.892	BB	1089059	12111678	97.21%	5.061%
9	11.218	11.127	11.255	BV	1073641	12299070	98.71%	5.139%
10	11.295	11.255	11.349	VV	1046977	12023505	96.50%	5.024%
11	11.987	11.925	12.055	BB	1067855	12459929	100.00%	5.206%
12	13.044	13.000	13.115	BB	941628	12314756	98.83%	5.146%
13	13.344	13.287	13.369	BV	948573	12233075	98.18%	5.112%
14	15.227	15.170	15.245	BV	768008	11776785	94.52%	4.921%
15	15.274	15.245	15.342	VB	916616	11872583	95.29%	4.961%
16	16.788	16.729	16.804	BV	660948	11512770	92.40%	4.811%
17	16.827	16.804	16.879	VB	816655	10816525	86.81%	4.520%
18	17.173	17.102	17.229	BV	738604	11163487	89.60%	4.665%
19	18.548	18.480	18.562	BV	592472	10500705	84.28%	4.388%
20	18.588	18.562	18.682	VB	718771	10258372	82.33%	4.286%
21	18.810	18.730	18.885	BB	627190	10692378	85.81%	4.468%
Sum of corrected areas:						239319902		

Aromatic EPH 083025.M Fri Aug 29 09:19:08 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016253.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:02
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:03:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.038	5419316	45.777 ug/ml
Spiked Amount 50.000		Recovery =	91.55%
6) S 2-Fluorobiphenyl (SURR)	8.913	3758992	45.712 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.42%
11) S ortho-Terphenyl (SURR)	11.982	6508324	45.590 ug/ml
Spiked Amount 50.000		Recovery =	91.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	5831047	45.573 ug/ml
2) T Naphthalene (C11.7)	6.308	6223282	45.838 ug/ml
3) T 2-Methylnaphthalene (...)	7.408	6363748	45.861 ug/ml
5) T Acenaphthylene (C15.06)	8.714	6344557	45.580 ug/ml
7) T Acenaphthene (C15.5)	9.015	6335399	45.489 ug/ml
8) T Flouorene (C16.55)	9.804	6317257	45.652 ug/ml
9) T Phenanthrene (C19.36)	11.212	6387348	45.901 ug/ml
10) T Anthracene (C19.43)	11.287	6256332	45.847 ug/ml
12) T Fluoranthene (C21.85)	13.035	6353772	45.729 ug/ml
13) T Pyrene (C20.8)	13.335	6308884	45.938 ug/ml
14) T Benzo[a]anthracene (C...	15.218	6045893	46.300 ug/ml
15) T Chrysene (C27.41)	15.263	6109649	45.800 ug/ml
16) T benzo[b]fluoranthene ...	16.779	5943543	46.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.813	5557567	45.528 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.160	5741651	45.915 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.533	5228177	46.929 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	5494645	44.740 ug/ml
21) T Benzo[g,h,i]perylene ...	18.793	5495908	45.684 ug/ml

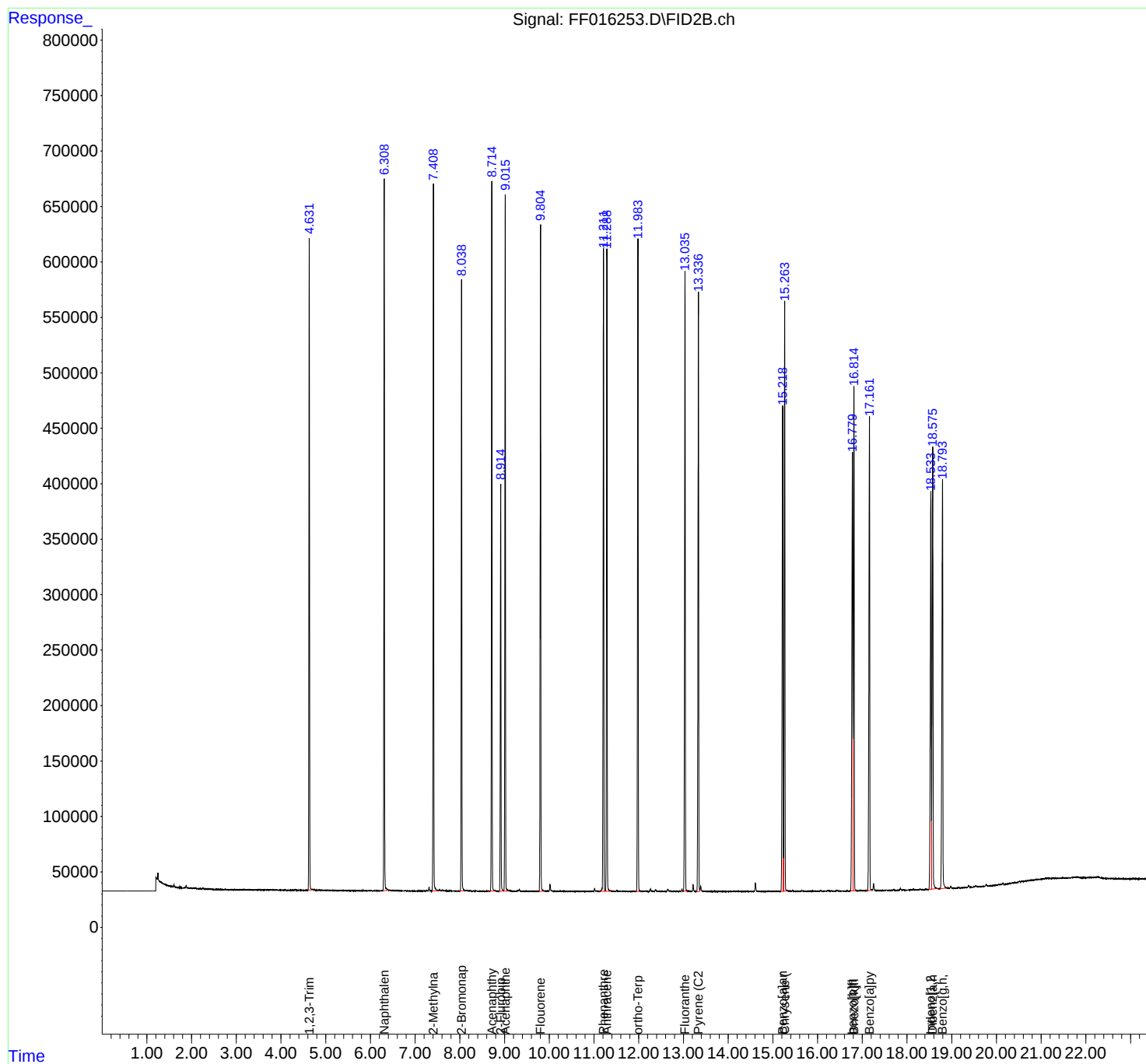
(f)=RT Delta > 1/2 Window

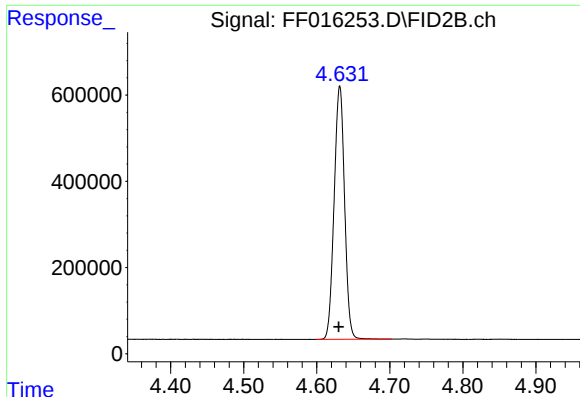
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016253.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 10:02
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 09:03:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:02:04 2025
Response via : Initial Calibration
Integrator: ChemStation

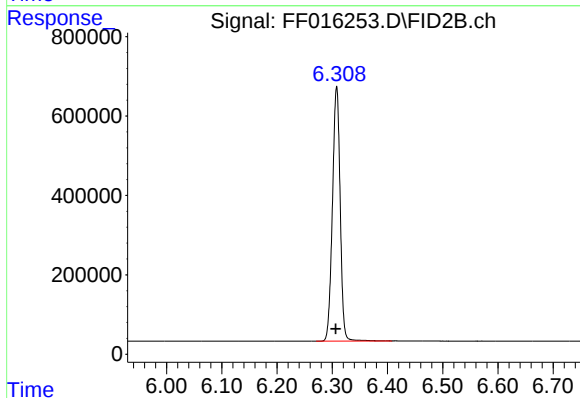
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





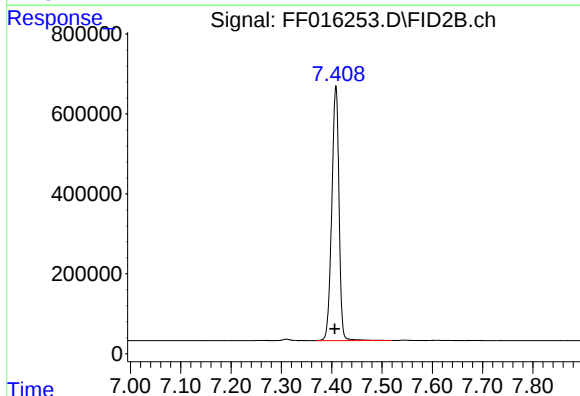
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.631 min
Delta R.T.: 0.001 min
Response: 5831047
Conc: 45.57 ug/ml



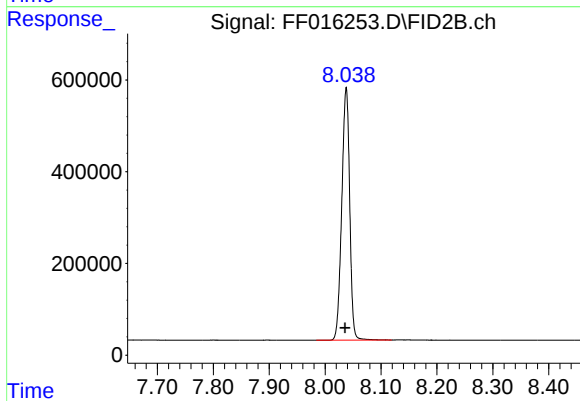
#2 Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.002 min
Response: 6223282
Conc: 45.84 ug/ml



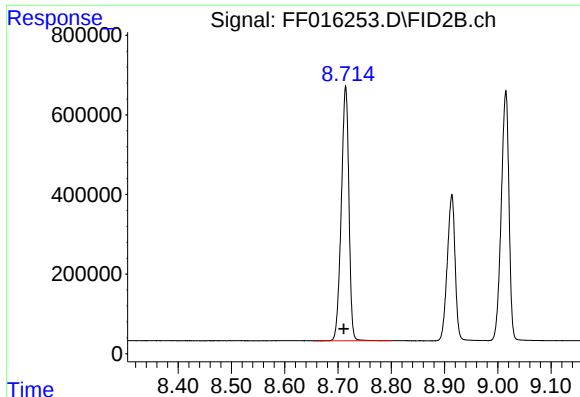
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.002 min
Response: 6363748
Conc: 45.86 ug/ml



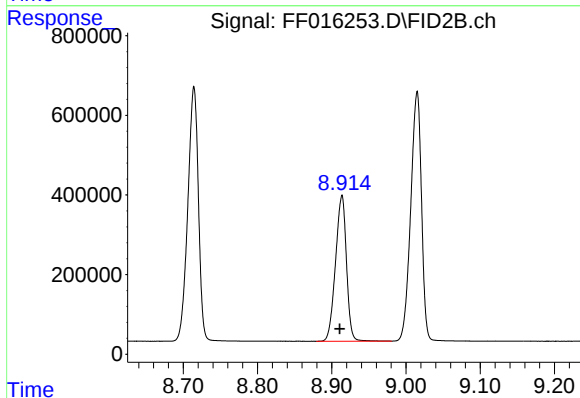
#4 2-Bromonaphthalene (SURR)

R.T.: 8.038 min
Delta R.T.: 0.002 min
Response: 5419316
Conc: 45.78 ug/ml



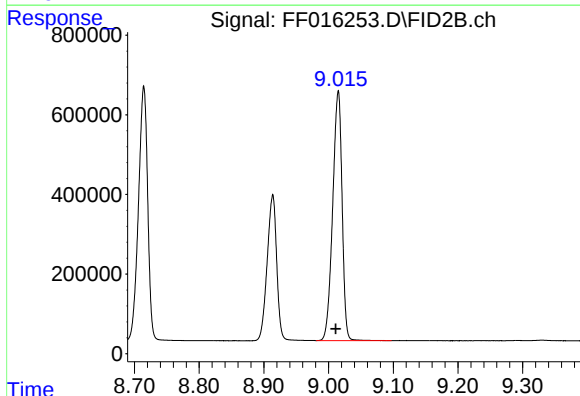
#5 Acenaphthylene (C15.06)

R.T.: 8.714 min
Delta R.T.: 0.003 min
Response: 6344557
Conc: 45.58 ug/ml



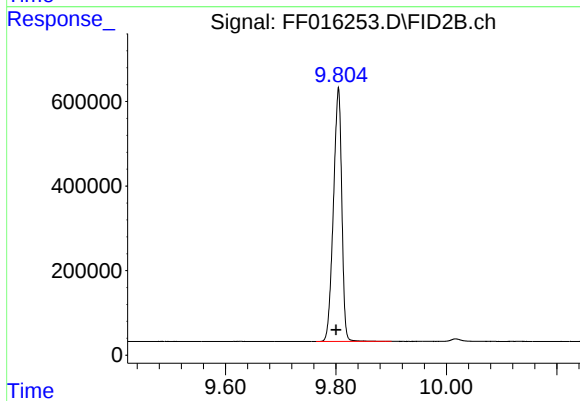
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.913 min
Delta R.T.: 0.003 min
Response: 3758992
Conc: 45.71 ug/ml



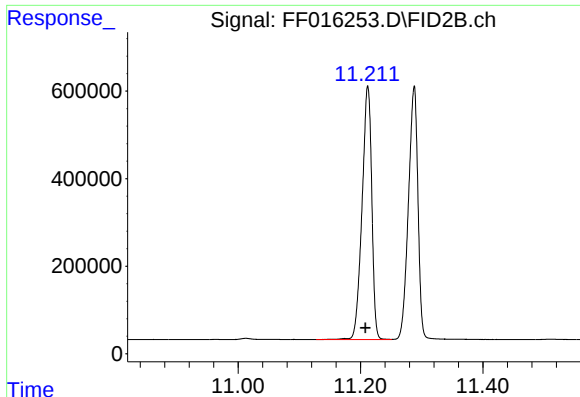
#7 Acenaphthene (C15.5)

R.T.: 9.015 min
Delta R.T.: 0.004 min
Response: 6335399
Conc: 45.49 ug/ml



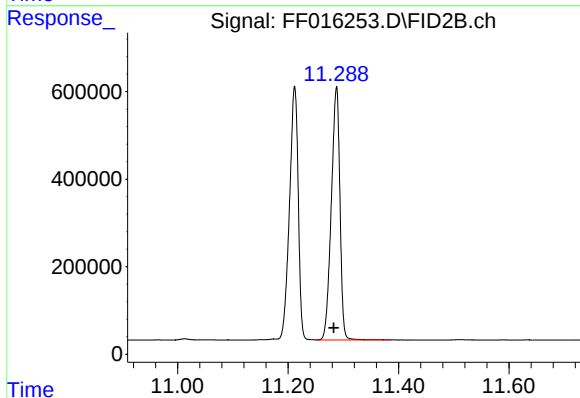
#8 Fluorene (C16.55)

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 6317257
Conc: 45.65 ug/ml



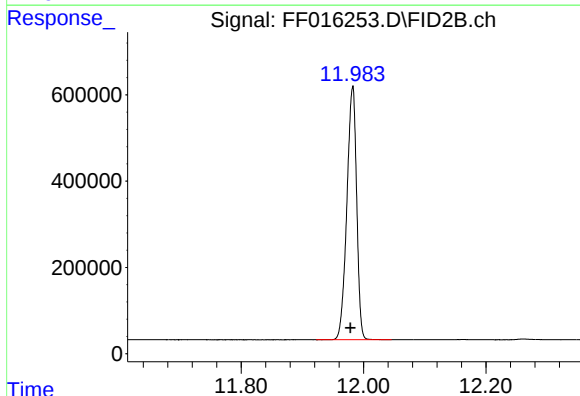
#9 Phenanthrene (C19.36)

R.T.: 11.212 min
Delta R.T.: 0.004 min
Response: 6387348
Conc: 45.90 ug/ml



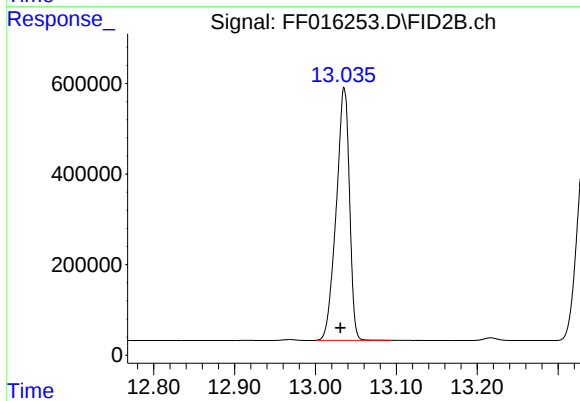
#10 Anthracene (C19.43)

R.T.: 11.287 min
Delta R.T.: 0.005 min
Response: 6256332
Conc: 45.85 ug/ml



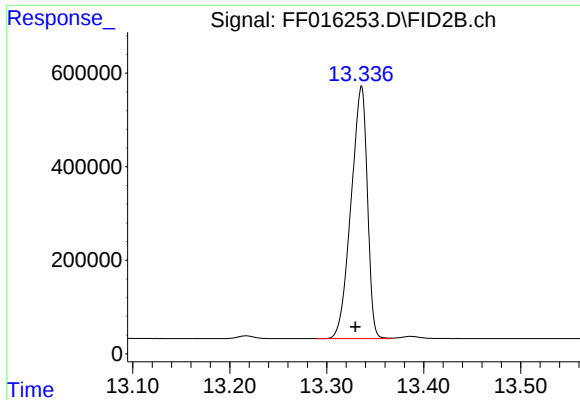
#11 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.003 min
Response: 6508324
Conc: 45.59 ug/ml



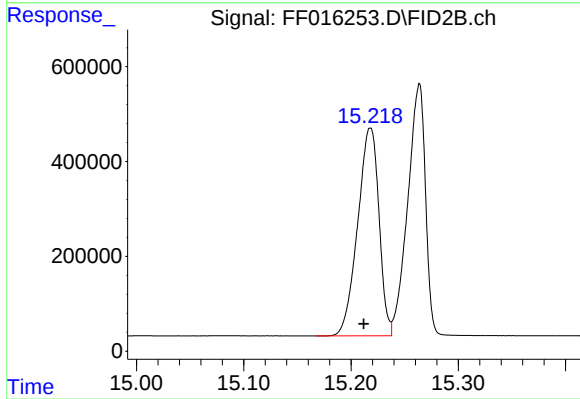
#12 Fluoranthene (C21.85)

R.T.: 13.035 min
Delta R.T.: 0.005 min
Response: 6353772
Conc: 45.73 ug/ml



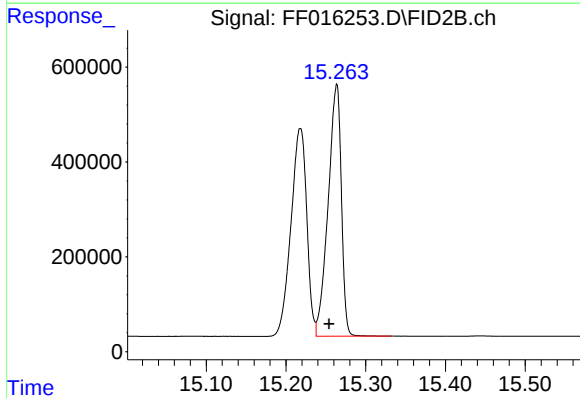
#13 Pyrene (C20.8)

R.T.: 13.335 min
Delta R.T.: 0.006 min
Response: 6308884
Conc: 45.94 ug/ml



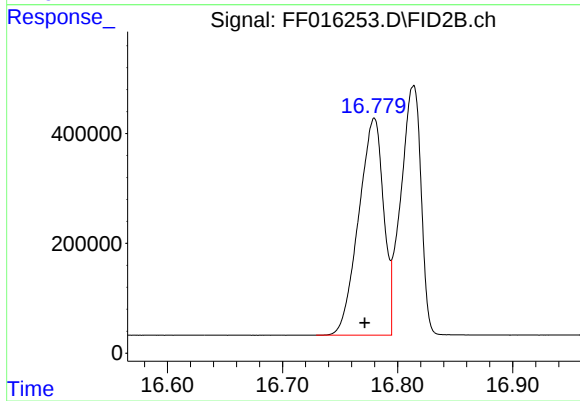
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.218 min
Delta R.T.: 0.006 min
Response: 6045893
Conc: 46.30 ug/ml



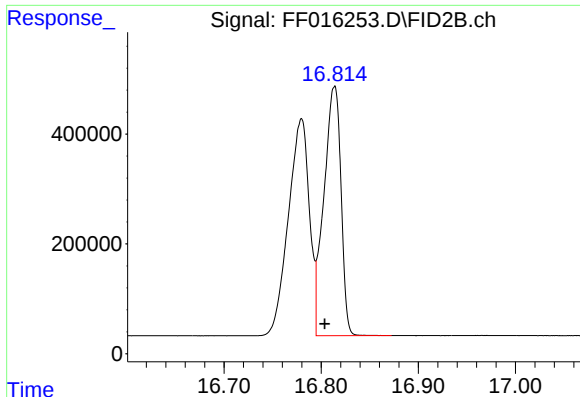
#15 Chrysene (C27.41)

R.T.: 15.263 min
Delta R.T.: 0.009 min
Response: 6109649
Conc: 45.80 ug/ml



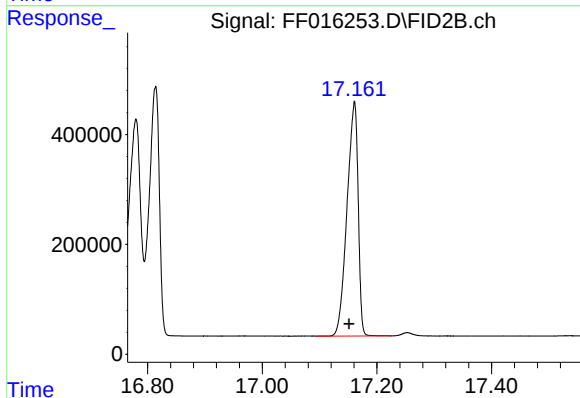
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.779 min
Delta R.T.: 0.008 min
Response: 5943543
Conc: 46.34 ug/ml



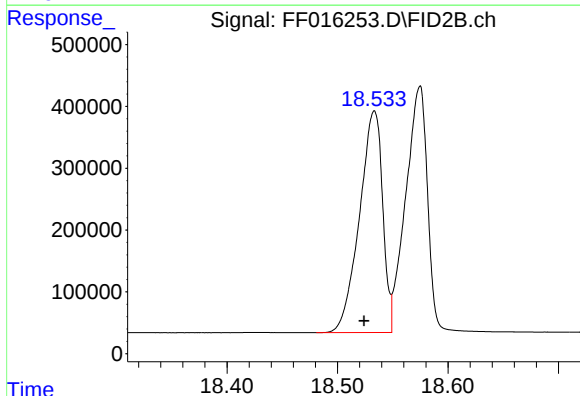
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.813 min
Delta R.T.: 0.010 min
Response: 5557567
Conc: 45.53 ug/ml



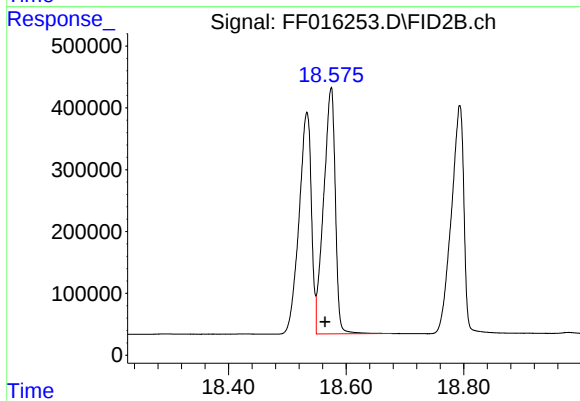
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.160 min
Delta R.T.: 0.009 min
Response: 5741651
Conc: 45.92 ug/ml



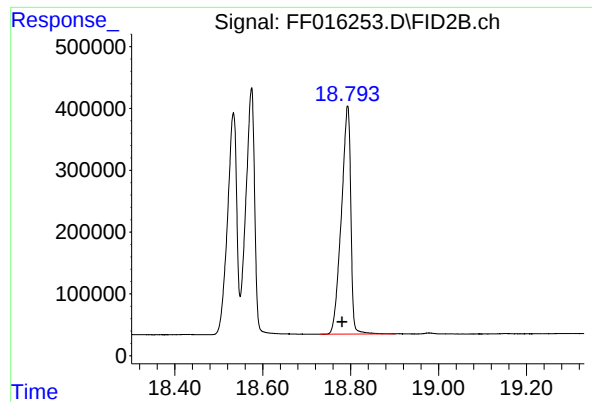
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.533 min
Delta R.T.: 0.009 min
Response: 5228177
Conc: 46.93 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.010 min
Response: 5494645
Conc: 44.74 ug/ml



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

R.T.: 18.793 min
Delta R.T.: 0.012 min
Response: 5495908
Conc: 45.68 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016253.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:02
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.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	4.631	4.599	4.702	BV	586888	5831047	89.59%	4.701%
2	6.308	6.271	6.407	BB	640635	6223282	95.62%	5.018%
3	7.408	7.369	7.519	BB	636178	6363748	97.78%	5.131%
4	8.038	7.984	8.119	BB	550278	5419316	83.27%	4.370%
5	8.714	8.659	8.801	BB	639790	6344557	97.48%	5.116%
6	8.913	8.879	8.981	BV	369189	3758992	57.76%	3.031%
7	9.015	8.981	9.097	VB	623718	6335399	97.34%	5.108%
8	9.804	9.764	9.901	BB	599384	6317257	97.06%	5.094%
9	11.212	11.127	11.251	BV	580146	6387348	98.14%	5.150%
10	11.287	11.251	11.387	VB	578258	6256332	96.13%	5.044%
11	11.982	11.922	12.046	BB	589715	6508324	100.00%	5.248%
12	13.035	13.001	13.094	BB	557692	6353772	97.63%	5.123%
13	13.335	13.289	13.367	BV	542046	6308884	96.94%	5.087%
14	15.218	15.167	15.238	BV	438858	6045893	92.89%	4.875%
15	15.263	15.238	15.332	VB	526268	6109649	93.87%	4.926%
16	16.779	16.729	16.795	BV	395366	5943543	91.32%	4.792%
17	16.813	16.795	16.872	VB	455464	5557567	85.39%	4.481%
18	17.160	17.094	17.226	BB	429044	5741651	88.22%	4.629%
19	18.533	18.481	18.549	BV	357968	5228177	80.33%	4.215%
20	18.574	18.549	18.677	VB	397617	5494645	84.42%	4.430%
21	18.793	18.731	18.902	BB	370017	5495908	84.44%	4.431%
Sum of corrected areas:						124025292		

Aromatic EPH 083025.M Fri Aug 29 09:19:36 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016254.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:32
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:04:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.036	2367711	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.911	1644632	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.979	2855153	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.630	2559011	20.000 ug/ml
2) T Naphthalene (C11.7)	6.306	2715354	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2775221	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.711	2783892	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.011	2785436	20.000 ug/ml
8) T Flouorene (C16.55)	9.800	2767552	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.208	2783100	20.000 ug/ml
10) T Anthracene (C19.43)	11.283	2729202	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.031	2778878	20.000 ug/ml
13) T Pyrene (C20.8)	13.330	2746680	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.212	2611628	20.000 ug/ml
15) T Chrysene (C27.41)	15.254	2667964	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.771	2565280	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.803	2441377	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2500982	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	2228101	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.564	2456275	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.780	2406057	20.000 ug/ml

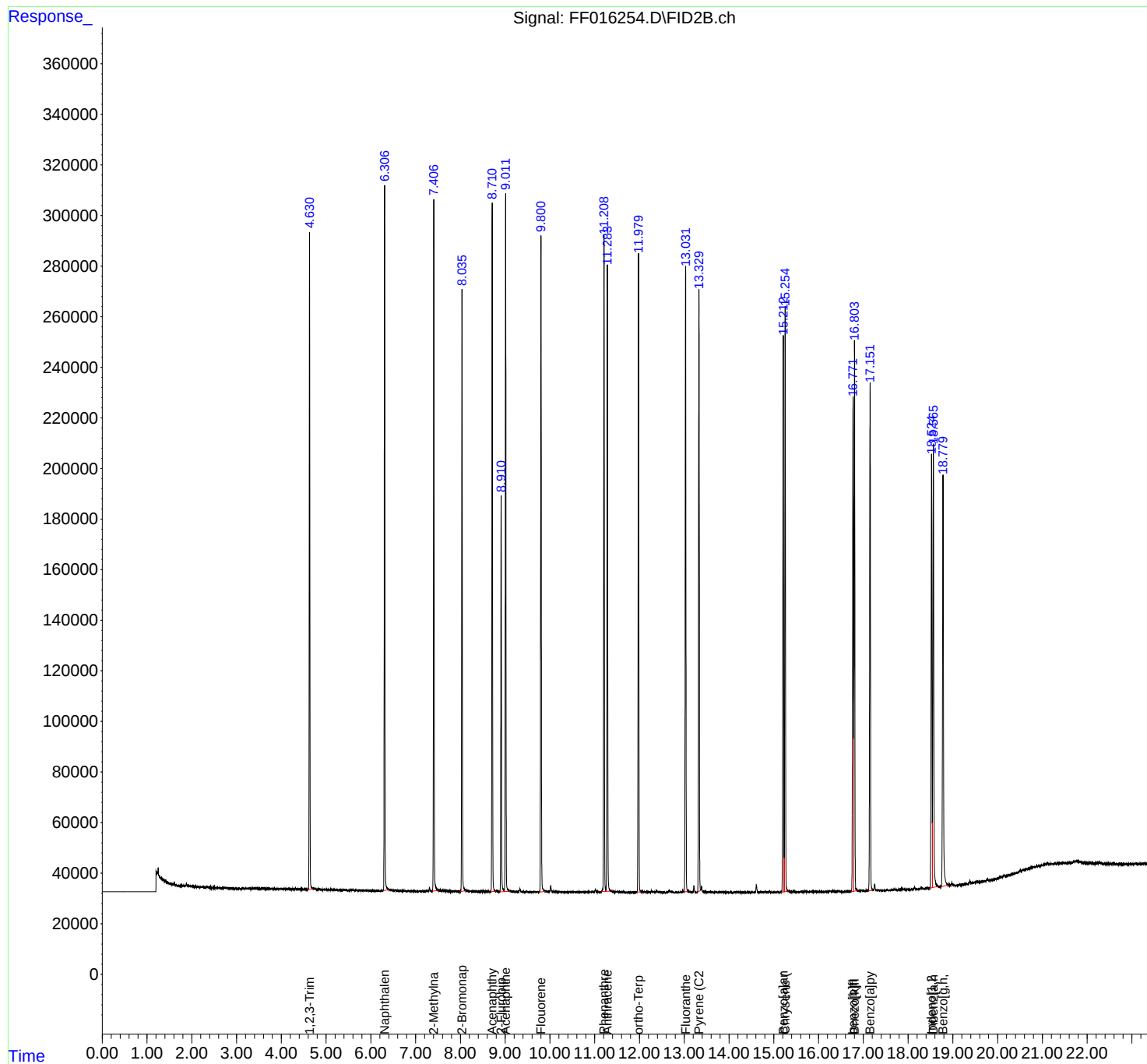
(f)=RT Delta > 1/2 Window

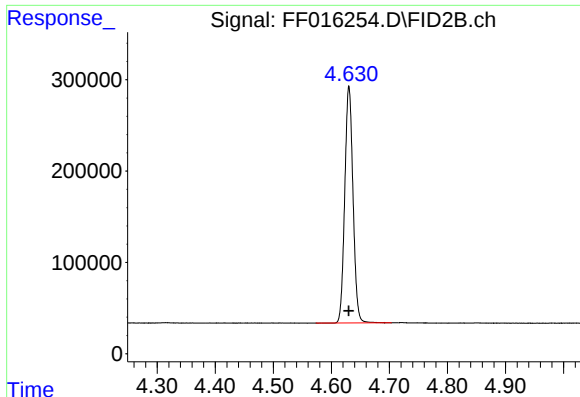
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016254.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 10:32
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 09:04:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:02:04 2025
Response via : Initial Calibration
Integrator: ChemStation

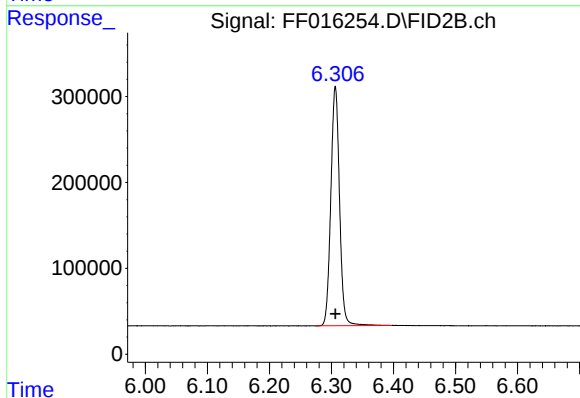
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





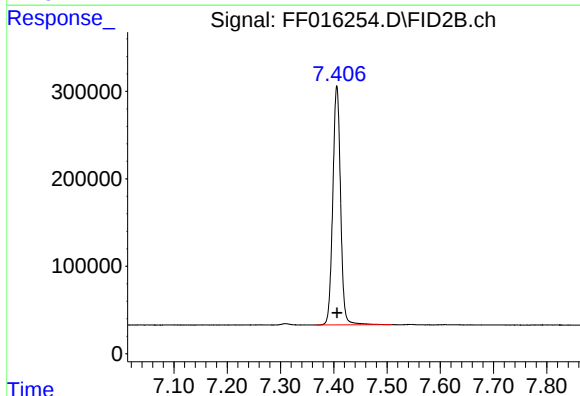
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 2559011
Conc: 20.00 ug/ml



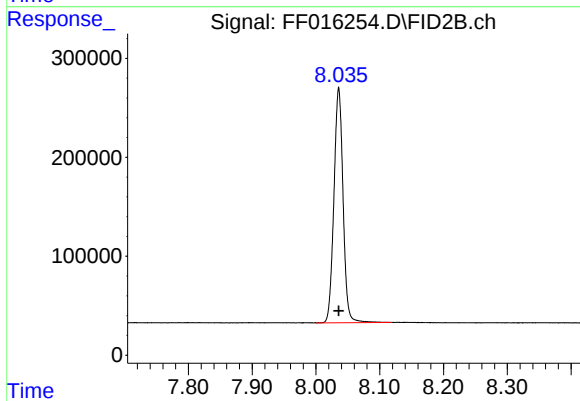
#2 Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 2715354
Conc: 20.00 ug/ml



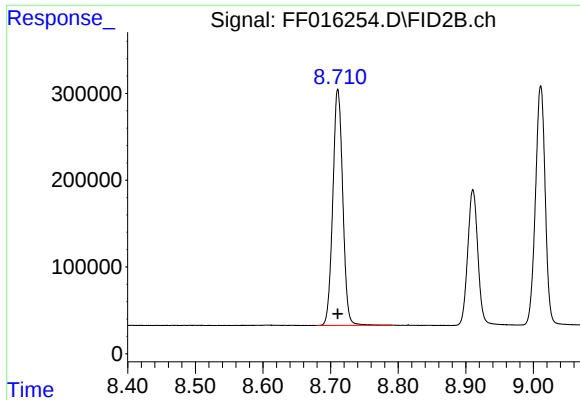
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2775221
Conc: 20.00 ug/ml



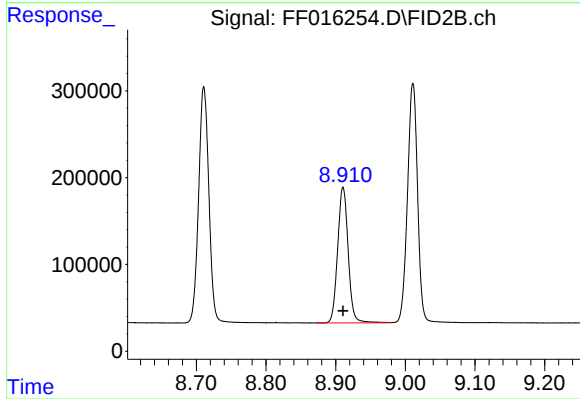
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 2367711
Conc: 20.00 ug/ml



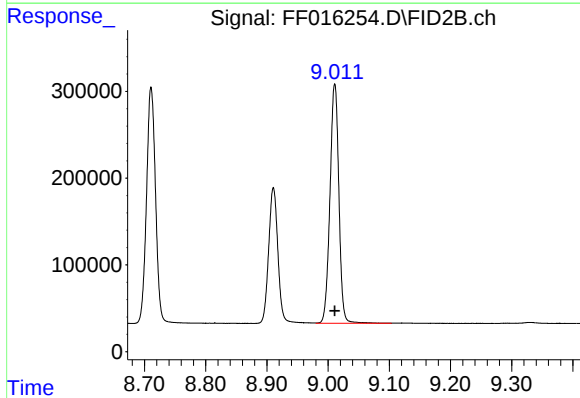
#5 Acenaphthylene (C15.06)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2783892
Conc: 20.00 ug/ml



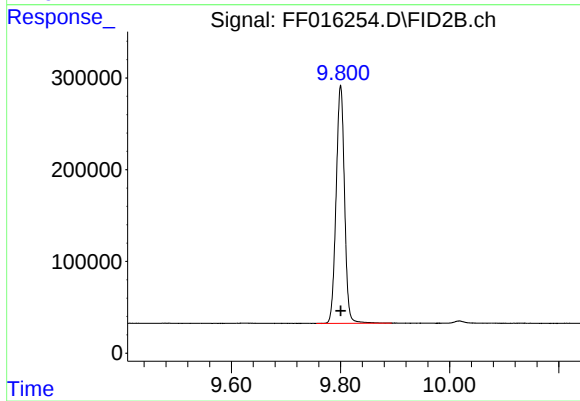
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1644632
Conc: 20.00 ug/ml



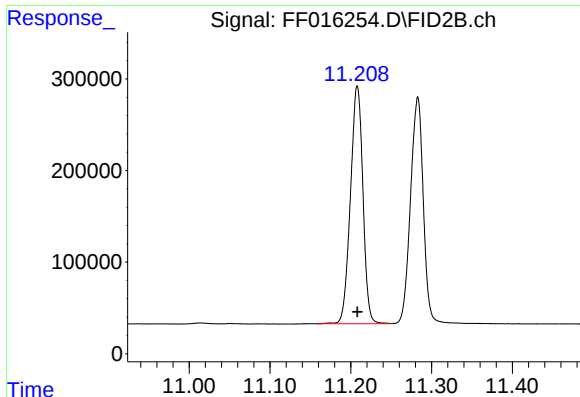
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 2785436
Conc: 20.00 ug/ml



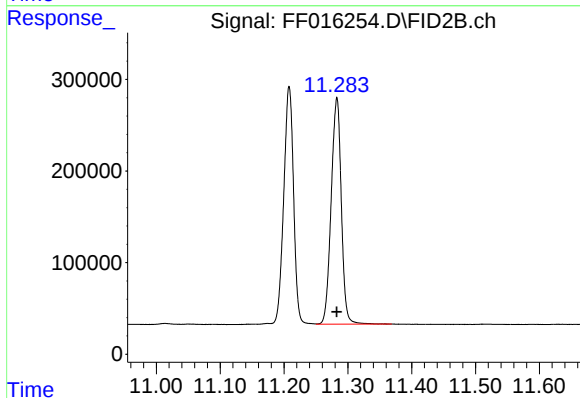
#8 Fluorene (C16.55)

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 2767552
Conc: 20.00 ug/ml



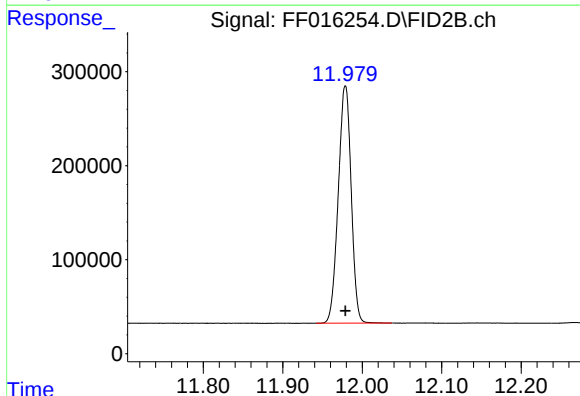
#9 Phenanthrene (C19.36)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2783100
Conc: 20.00 ug/ml



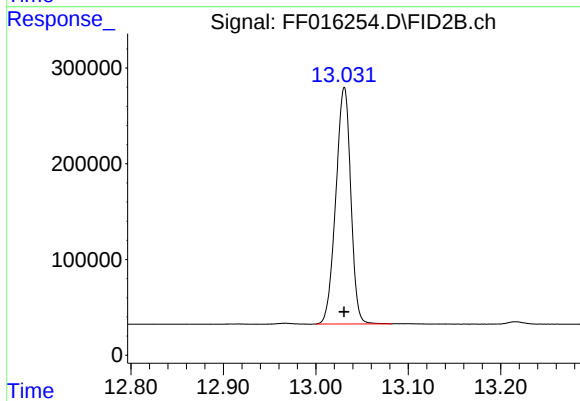
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 2729202
Conc: 20.00 ug/ml



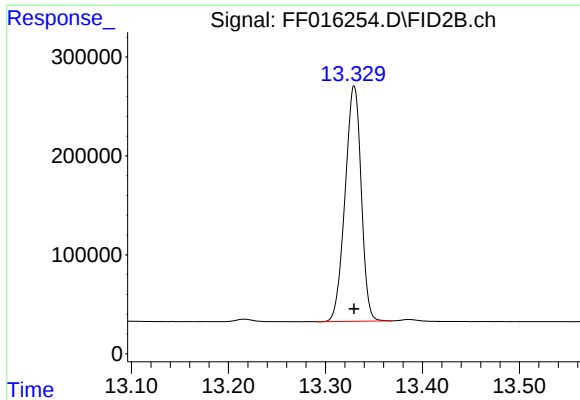
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2855153
Conc: 20.00 ug/ml



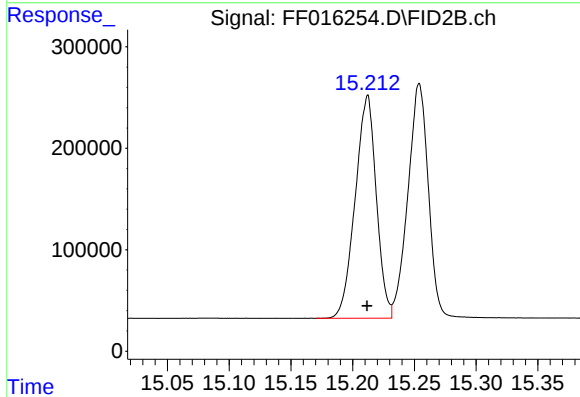
#12 Fluoranthene (C21.85)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 2778878
Conc: 20.00 ug/ml



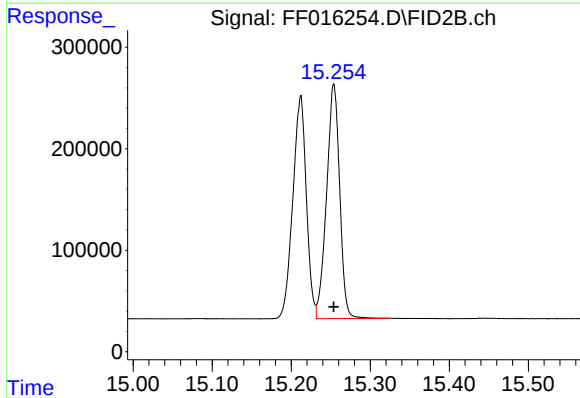
#13 Pyrene (C20.8)

R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 2746680
Conc: 20.00 ug/ml



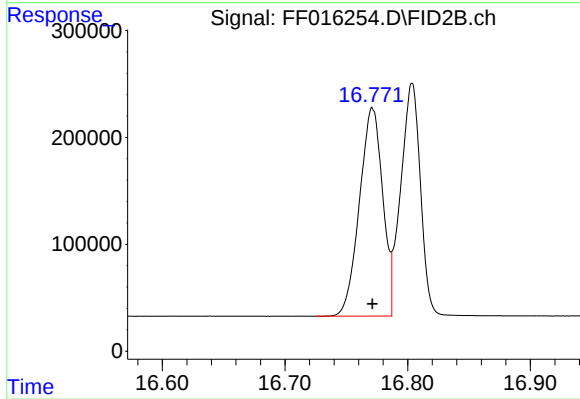
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2611628
Conc: 20.00 ug/ml



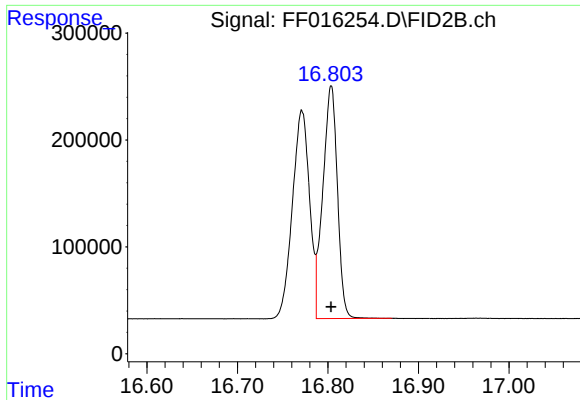
#15 Chrysene (C27.41)

R.T.: 15.254 min
Delta R.T.: 0.000 min
Response: 2667964
Conc: 20.00 ug/ml



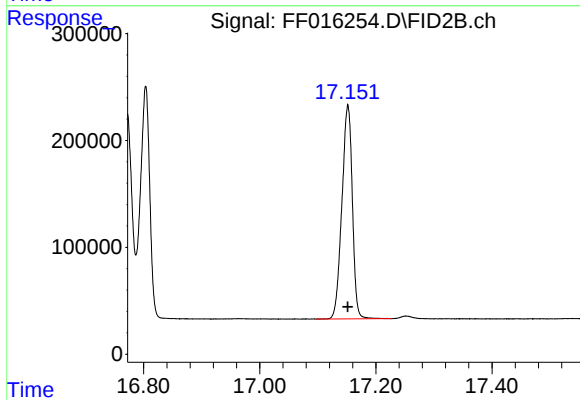
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.771 min
Delta R.T.: 0.000 min
Response: 2565280
Conc: 20.00 ug/ml



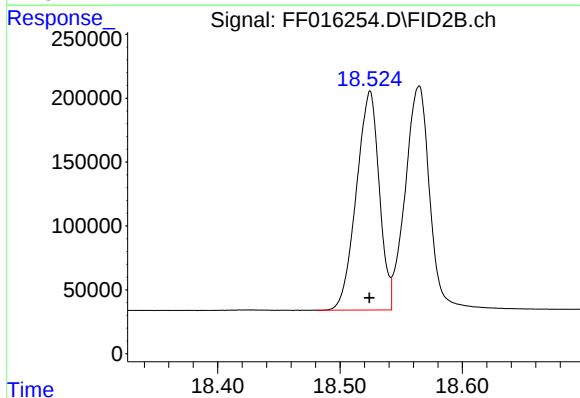
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.803 min
Delta R.T.: 0.000 min
Response: 2441377
Conc: 20.00 ug/ml



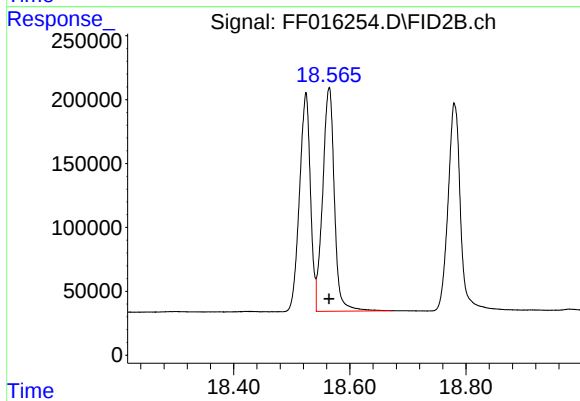
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: 0.000 min
Response: 2500982
Conc: 20.00 ug/ml



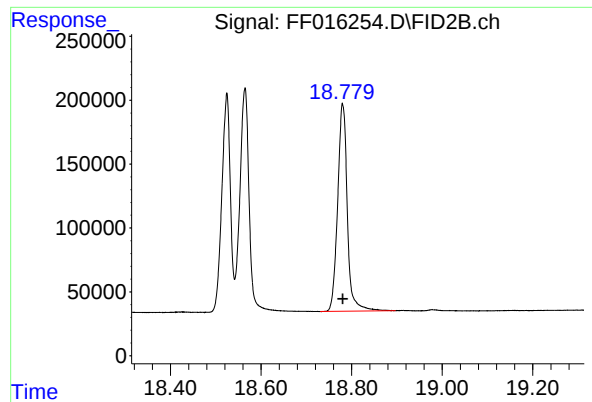
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 2228101
Conc: 20.00 ug/ml



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

R.T.: 18.564 min
Delta R.T.: 0.000 min
Response: 2456275
Conc: 20.00 ug/ml



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

R.T.: 18.780 min
Delta R.T.: 0.000 min
Response: 2406057
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016254.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:32
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.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	4.630	4.574	4.704	BB	259322	2559011	89.63%	4.724%
2	6.306	6.275	6.397	BB	278600	2715354	95.10%	5.013%
3	7.406	7.367	7.509	BB	273150	2775221	97.20%	5.123%
4	8.036	8.000	8.119	BB	237351	2367711	82.93%	4.371%
5	8.711	8.679	8.790	BB	271921	2783892	97.50%	5.139%
6	8.911	8.872	8.980	BV	156373	1644632	57.60%	3.036%
7	9.011	8.980	9.104	VB	276102	2785436	97.56%	5.142%
8	9.800	9.755	9.894	BB	259575	2767552	96.93%	5.109%
9	11.208	11.157	11.251	BV	259585	2783100	97.48%	5.138%
10	11.283	11.251	11.369	VB	246380	2729202	95.59%	5.038%
11	11.979	11.942	12.037	BB	252677	2855153	100.00%	5.271%
12	13.031	13.000	13.082	BB	247449	2778878	97.33%	5.130%
13	13.330	13.290	13.368	BV	238299	2746680	96.20%	5.071%
14	15.212	15.170	15.232	BV	220697	2611628	91.47%	4.821%
15	15.254	15.232	15.327	VB	231047	2667964	93.44%	4.925%
16	16.771	16.725	16.787	BV	194068	2565280	89.85%	4.736%
17	16.803	16.787	16.870	VB	218407	2441377	85.51%	4.507%
18	17.152	17.097	17.227	BB	200775	2500982	87.60%	4.617%
19	18.524	18.480	18.542	BV	171057	2228101	78.04%	4.113%
20	18.564	18.542	18.672	VB	174893	2456275	86.03%	4.534%
21	18.780	18.730	18.897	BB	161607	2406057	84.27%	4.442%
Sum of corrected areas:							54169486	

Aromatic EPH 083025.M Fri Aug 29 09:19:50 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016255.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 11:01
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:04:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.036	1402338	11.846 ug/ml
Spiked Amount 50.000		Recovery =	23.69%
6) S 2-Fluorobiphenyl (SURR)	8.911	971485	11.814 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	23.63%
11) S ortho-Terphenyl (SURR)	11.978	1705523	11.947 ug/ml
Spiked Amount 50.000		Recovery =	23.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.633	1521781	11.894 ug/ml
2) T Naphthalene (C11.7)	6.307	1604049	11.815 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	1642763	11.839 ug/ml
5) T Acenaphthylene (C15.06)	8.711	1656959	11.904 ug/ml
7) T Acenaphthene (C15.5)	9.010	1651482	11.858 ug/ml
8) T Flouorene (C16.55)	9.800	1640740	11.857 ug/ml
9) T Phenanthrene (C19.36)	11.207	1652159	11.873 ug/ml
10) T Anthracene (C19.43)	11.282	1623007	11.894 ug/ml
12) T Fluoranthene (C21.85)	13.029	1652363	11.892 ug/ml
13) T Pyrene (C20.8)	13.328	1633620	11.895 ug/ml
14) T Benzo[a]anthracene (C...	15.209	1553949	11.900 ug/ml
15) T Chrysene (C27.41)	15.251	1611454	12.080 ug/ml
16) T benzo[b]fluoranthene ...	16.769	1541992	12.022 ug/ml
17) T Bnezo[k]fluoranthene ...	16.800	1491164	12.216 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.150	1522458	12.175 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	1335426	11.987 ug/ml
20) T Dibenz[a,h]anthracene...	18.562	1530719	12.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	1478524	12.290 ug/ml

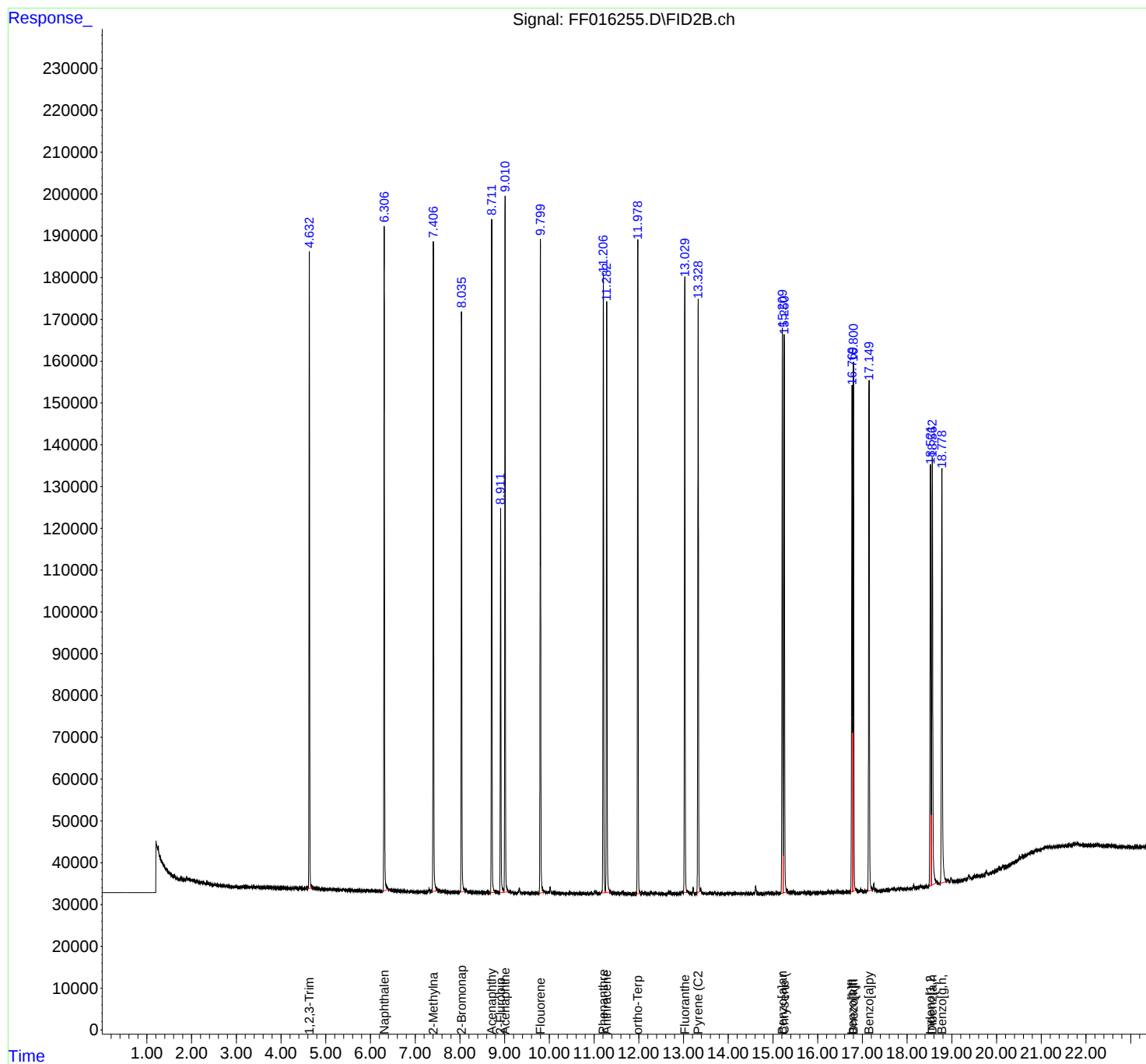
(f)=RT Delta > 1/2 Window

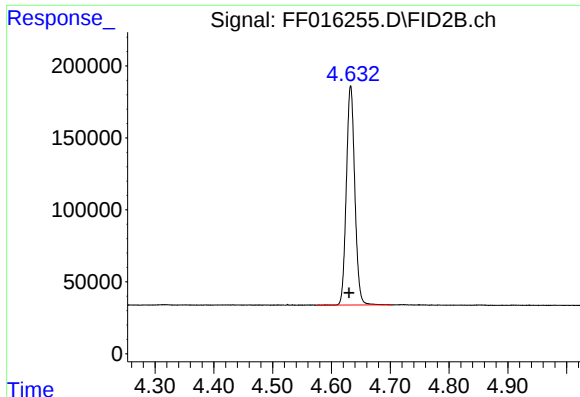
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016255.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 11:01
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 09:04:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:02:04 2025
Response via : Initial Calibration
Integrator: ChemStation

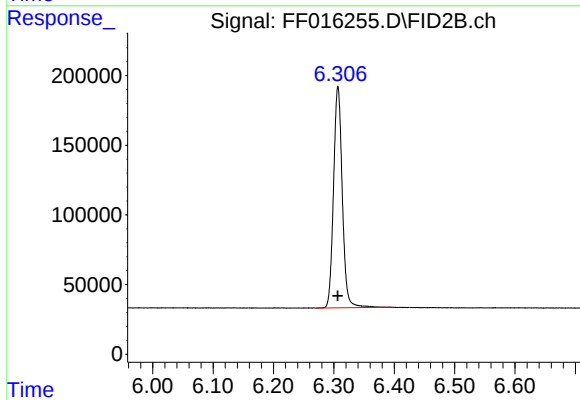
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





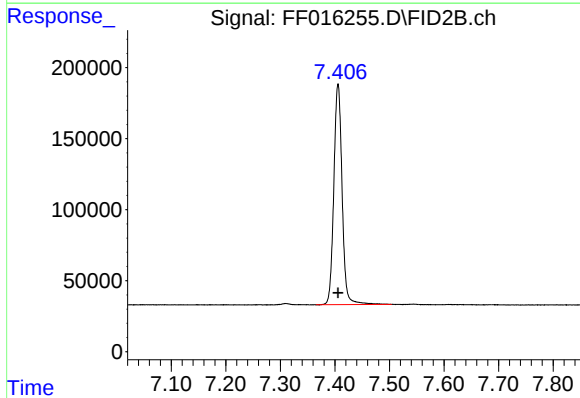
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.633 min
Delta R.T.: 0.003 min
Response: 1521781
Conc: 11.89 ug/ml



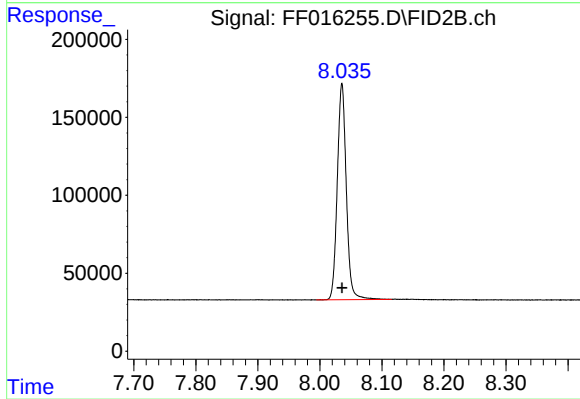
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 1604049
Conc: 11.81 ug/ml



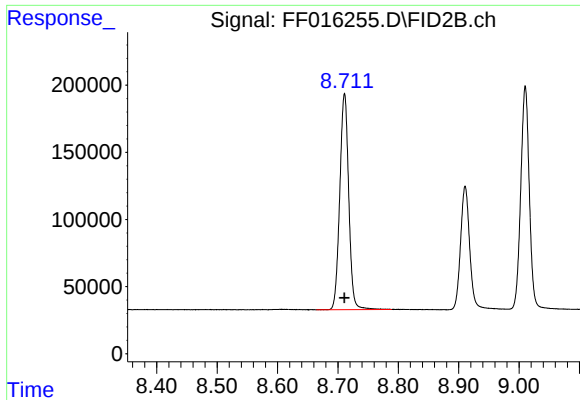
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 1642763
Conc: 11.84 ug/ml



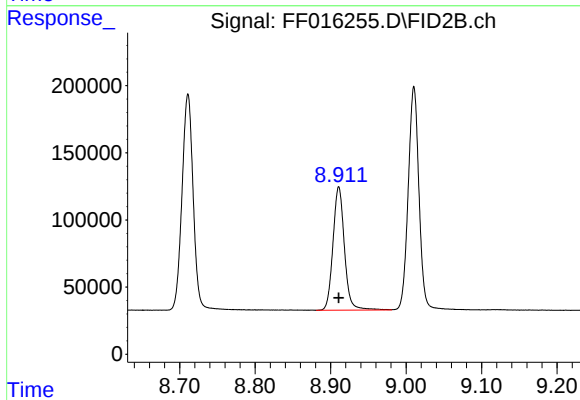
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 1402338
Conc: 11.85 ug/ml



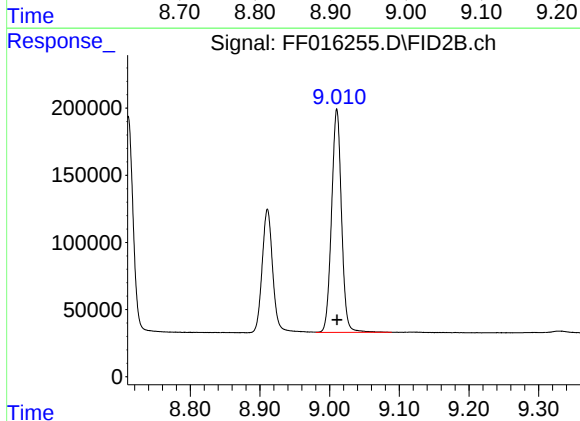
#5 Acenaphthylene (C15.06)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 1656959
Conc: 11.90 ug/ml



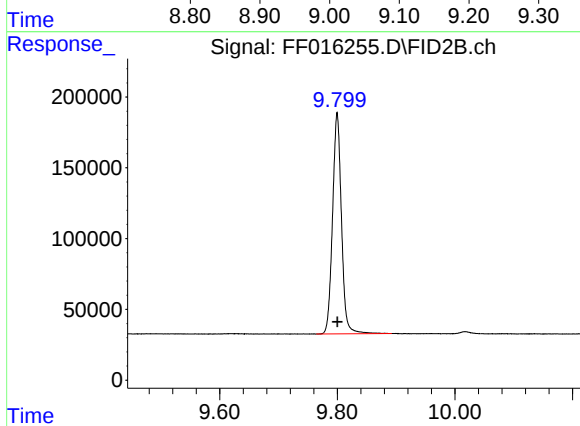
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 971485
Conc: 11.81 ug/ml



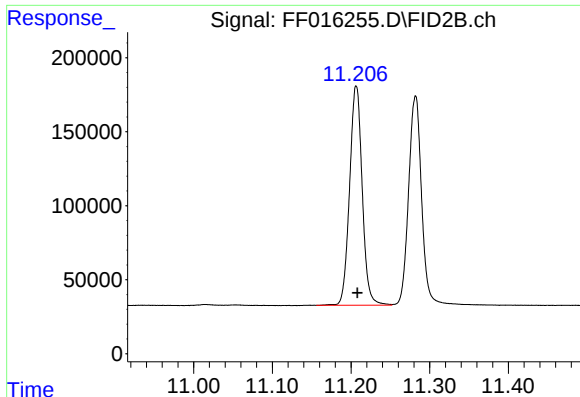
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: 0.000 min
Response: 1651482
Conc: 11.86 ug/ml



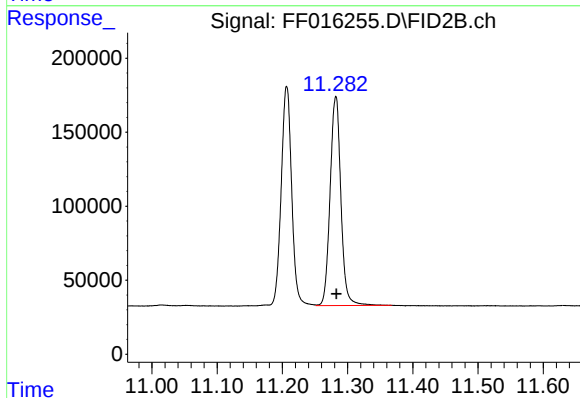
#8 Fluorene (C16.55)

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 1640740
Conc: 11.86 ug/ml



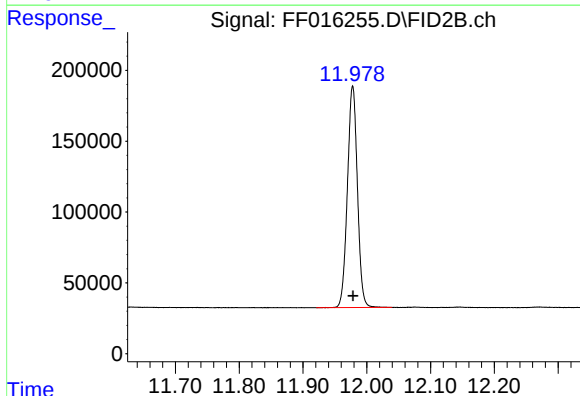
#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 1652159
Conc: 11.87 ug/ml



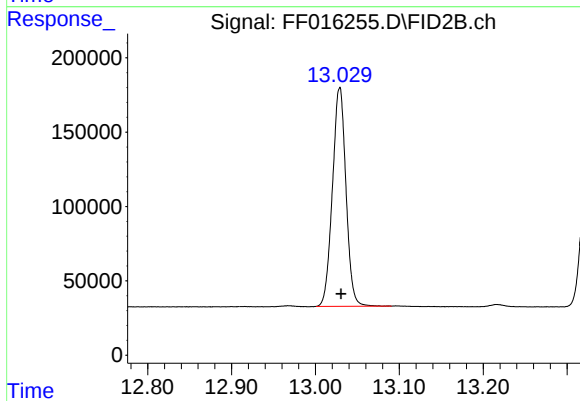
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: 0.000 min
Response: 1623007
Conc: 11.89 ug/ml



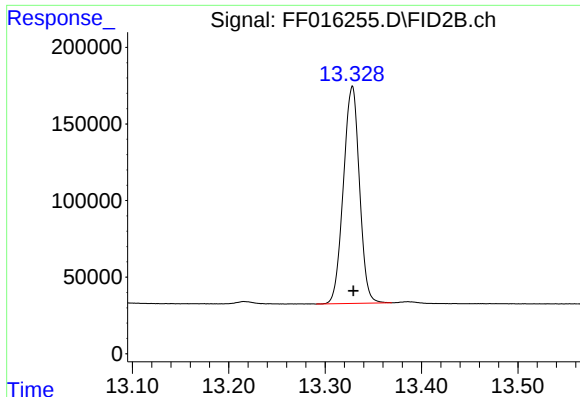
#11 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.000 min
Response: 1705523
Conc: 11.95 ug/ml



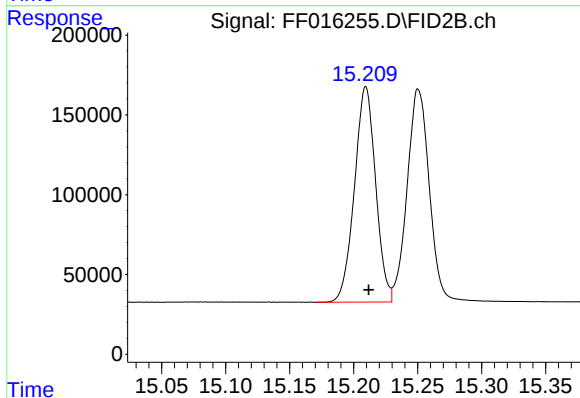
#12 Fluoranthene (C21.85)

R.T.: 13.029 min
Delta R.T.: -0.002 min
Response: 1652363
Conc: 11.89 ug/ml



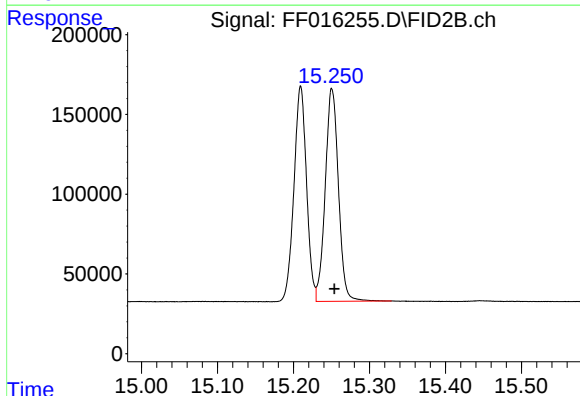
#13 Pyrene (C20.8)

R.T.: 13.328 min
Delta R.T.: -0.002 min
Response: 1633620
Conc: 11.90 ug/ml



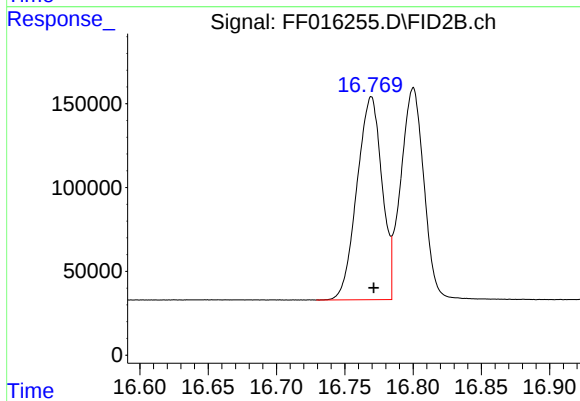
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.209 min
Delta R.T.: -0.002 min
Response: 1553949
Conc: 11.90 ug/ml



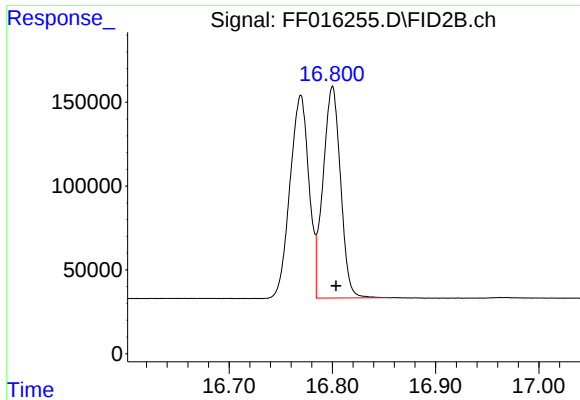
#15 Chrysene (C27.41)

R.T.: 15.251 min
Delta R.T.: -0.003 min
Response: 1611454
Conc: 12.08 ug/ml



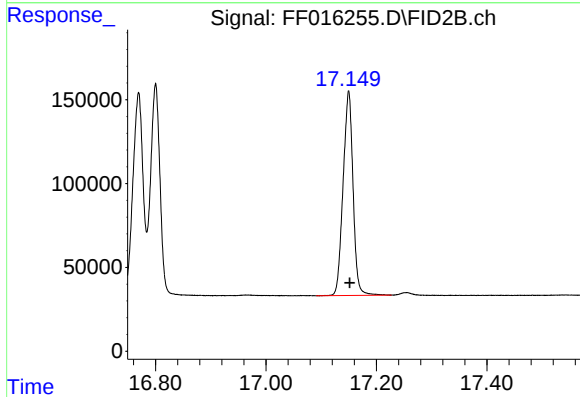
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.769 min
Delta R.T.: -0.002 min
Response: 1541992
Conc: 12.02 ug/ml



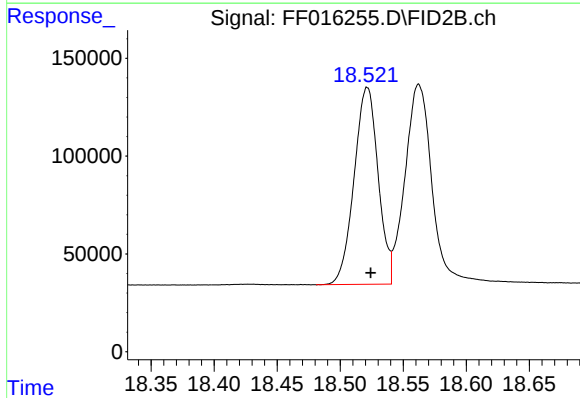
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.800 min
Delta R.T.: -0.003 min
Response: 1491164
Conc: 12.22 ug/ml



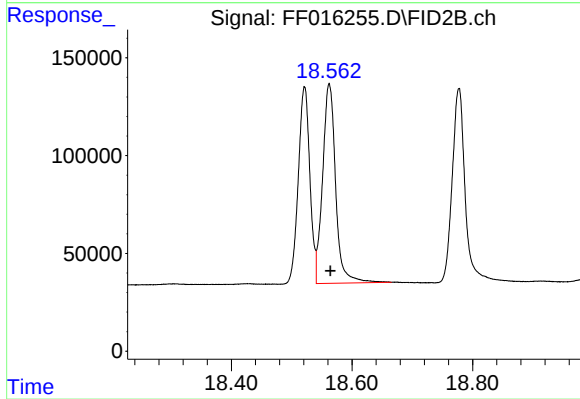
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.150 min
Delta R.T.: -0.002 min
Response: 1522458
Conc: 12.17 ug/ml



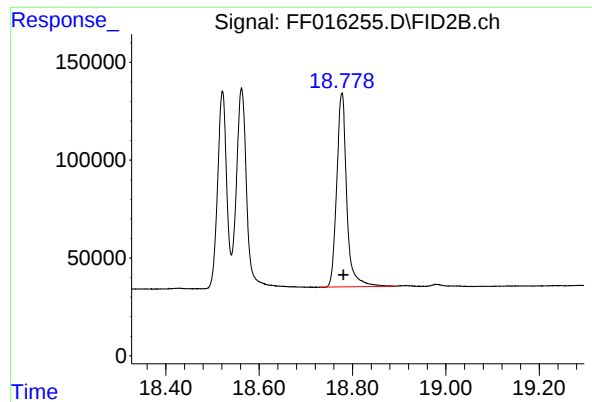
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: -0.003 min
Response: 1335426
Conc: 11.99 ug/ml



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

R.T.: 18.562 min
Delta R.T.: -0.002 min
Response: 1530719
Conc: 12.46 ug/ml



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

R.T.: 18.777 min
Delta R.T.: -0.003 min
Response: 1478524
Conc: 12.29 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016255.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 11:01
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.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	4.633	4.574	4.702	BB	152357	1521781	89.23%	4.693%
2	6.307	6.271	6.396	BB	159025	1604049	94.05%	4.947%
3	7.406	7.366	7.504	BB	155524	1642763	96.32%	5.067%
4	8.036	7.994	8.116	BB	138901	1402338	82.22%	4.325%
5	8.711	8.664	8.789	BB	161040	1656959	97.15%	5.110%
6	8.911	8.881	8.981	BV	92070	971485	56.96%	2.996%
7	9.010	8.981	9.089	VB	166635	1651482	96.83%	5.093%
8	9.800	9.764	9.892	BB	155908	1640740	96.20%	5.060%
9	11.207	11.156	11.252	BV	148267	1652159	96.87%	5.095%
10	11.282	11.252	11.367	VB	141867	1623007	95.16%	5.006%
11	11.978	11.921	12.039	BB	156395	1705523	100.00%	5.260%
12	13.029	13.001	13.091	BB	147262	1652363	96.88%	5.096%
13	13.328	13.291	13.369	BV	141165	1633620	95.78%	5.038%
14	15.209	15.171	15.230	BV	135313	1553949	91.11%	4.793%
15	15.251	15.230	15.329	VB	132962	1611454	94.48%	4.970%
16	16.769	16.729	16.784	BV	121373	1541992	90.41%	4.756%
17	16.800	16.784	16.857	VB	127023	1491164	87.43%	4.599%
18	17.150	17.091	17.227	BV	121984	1522458	89.27%	4.695%
19	18.521	18.481	18.541	BV	100893	1335426	78.30%	4.119%
20	18.562	18.541	18.666	VB	102056	1530719	89.75%	4.721%
21	18.777	18.731	18.892	BB	99287	1478524	86.69%	4.560%
Sum of corrected areas:						32423954		

Aromatic EPH 083025.M Fri Aug 29 09:20:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016256.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 11:31
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:04:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.036	634449	5.359 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
6) S 2-Fluorobiphenyl (SURR)	8.911	436816	5.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.62%
11) S ortho-Terphenyl (SURR)	11.977	785348	5.501 ug/ml
Spiked Amount 50.000		Recovery =	11.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	694802	5.430 ug/ml
2) T Naphthalene (C11.7)	6.307	717997	5.288 ug/ml
3) T 2-Methylnaphthalene (...)	7.405	734494	5.293 ug/mlm
5) T Acenaphthylene (C15.06)	8.710	743453	5.341 ug/ml
7) T Acenaphthene (C15.5)	9.010	741902	5.327 ug/ml
8) T Flouorene (C16.55)	9.799	743690	5.374 ug/ml
9) T Phenanthrene (C19.36)	11.207	749523	5.386 ug/ml
10) T Anthracene (C19.43)	11.282	736099	5.394 ug/ml
12) T Fluoranthene (C21.85)	13.028	754527	5.430 ug/ml
13) T Pyrene (C20.8)	13.327	752843	5.482 ug/ml
14) T Benzo[a]anthracene (C...	15.208	682996	5.230 ug/ml
15) T Chrysene (C27.41)	15.250	730451	5.476 ug/ml
16) T benzo[b]fluoranthene ...	16.767	675680	5.268 ug/ml
17) T Bnezo[k]fluoranthene ...	16.797	670106	5.490 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.149	676123	5.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	583347	5.236 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	693557	5.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	657972	5.469 ug/ml

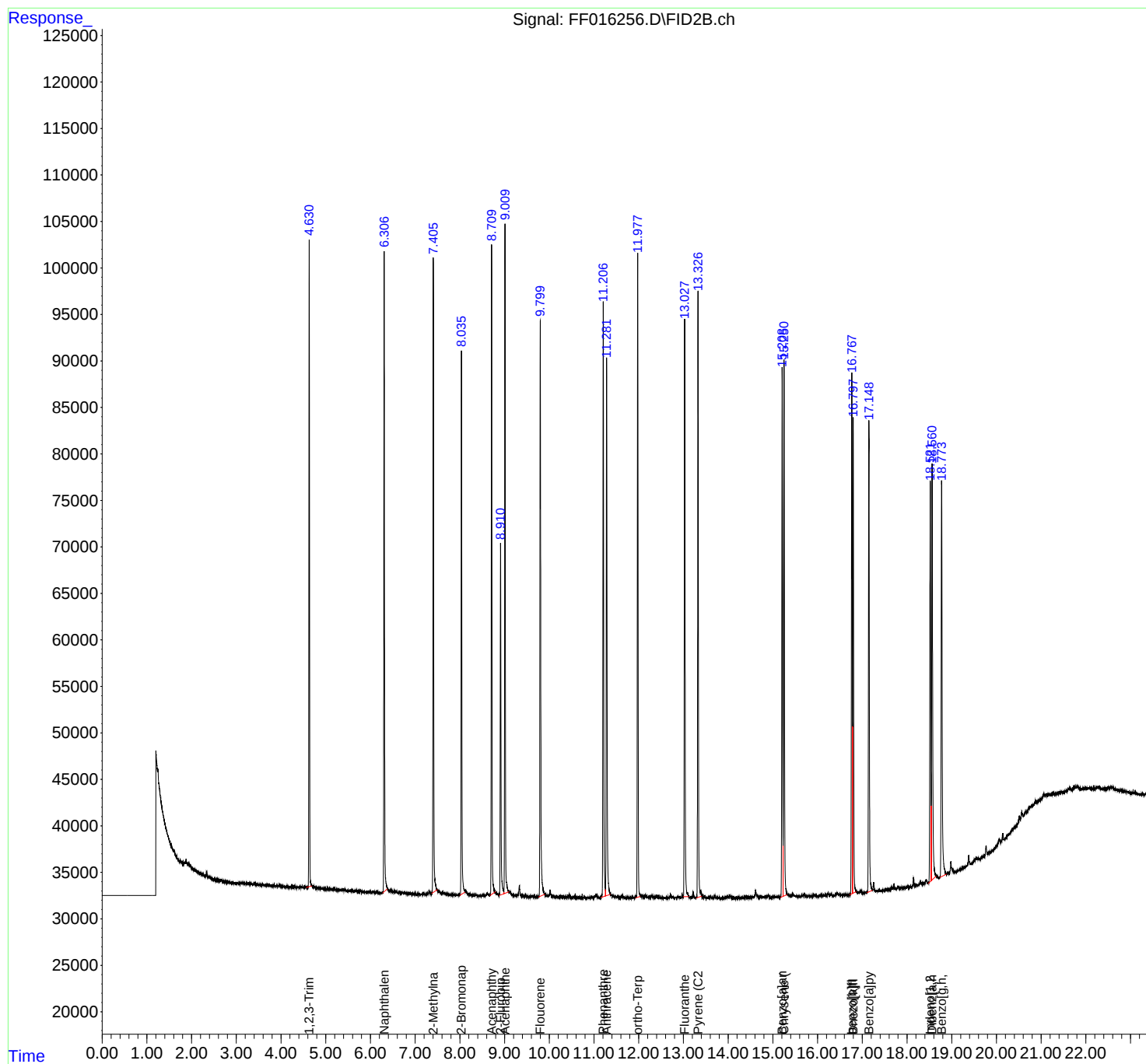
(f)=RT Delta > 1/2 Window

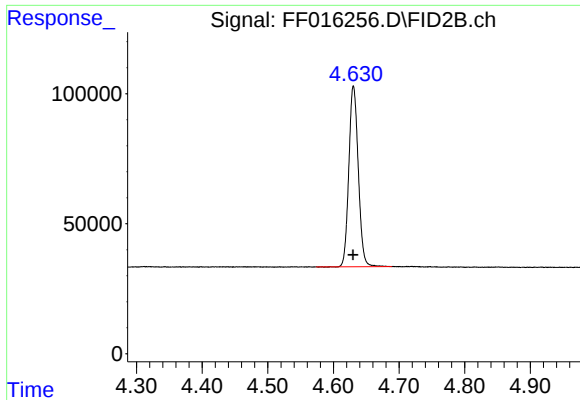
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016256.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 11:31
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 09:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:02:04 2025
Response via : Initial Calibration
Integrator: ChemStation

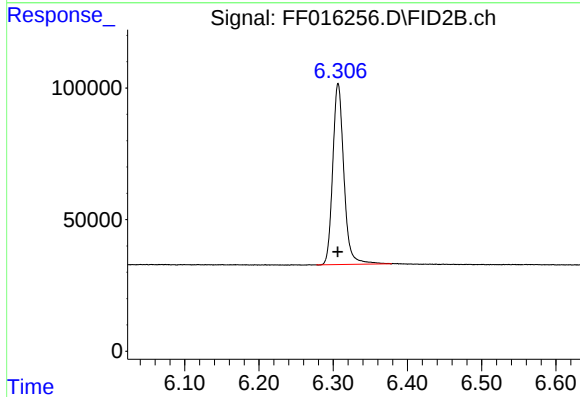
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





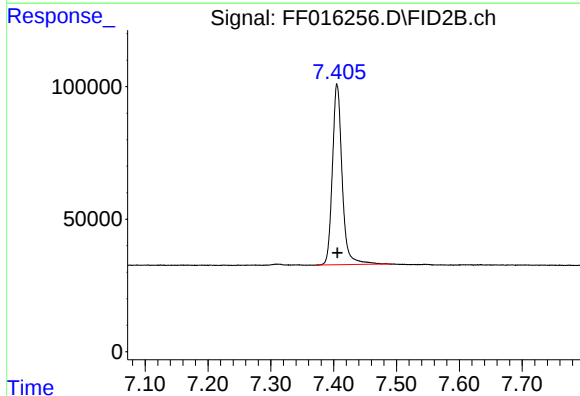
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 694802
Conc: 5.43 ug/ml



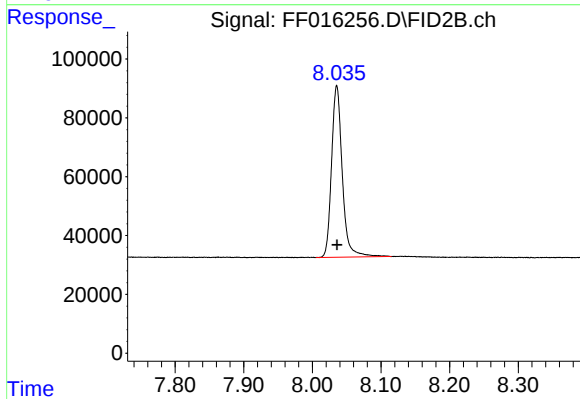
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 717997
Conc: 5.29 ug/ml



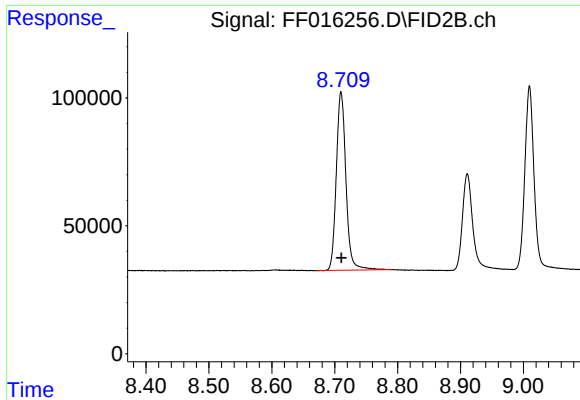
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: -0.001 min
Response: 734494
Conc: 5.29 ug/ml m



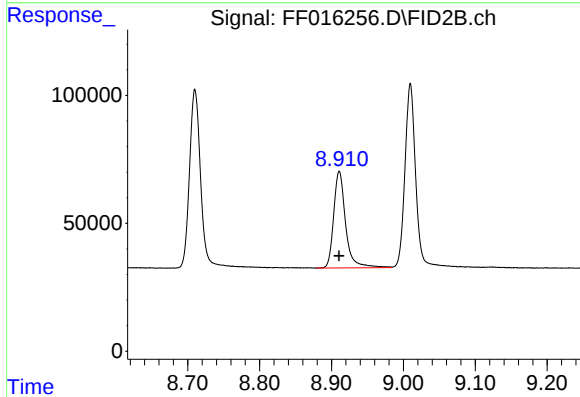
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 634449
Conc: 5.36 ug/ml



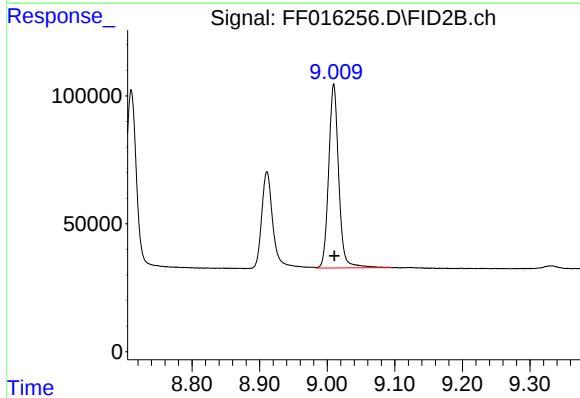
#5 Acenaphthylene (C15.06)

R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 743453
Conc: 5.34 ug/ml



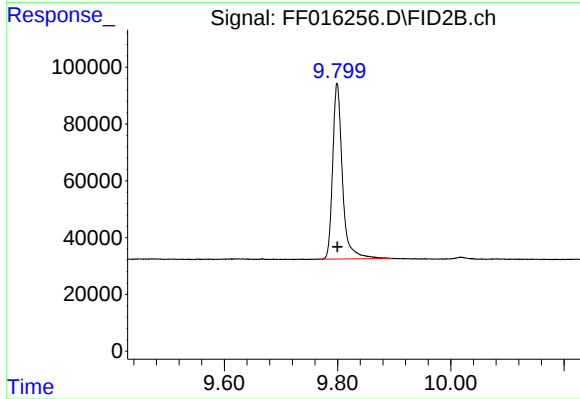
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 436816
Conc: 5.31 ug/ml



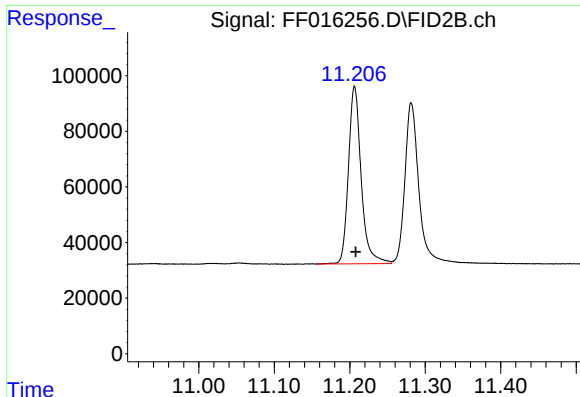
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: -0.001 min
Response: 741902
Conc: 5.33 ug/ml



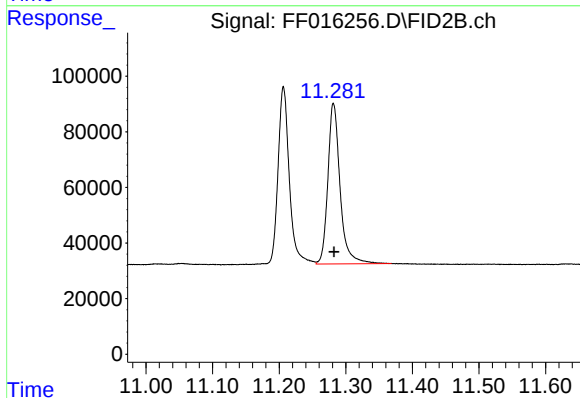
#8 Fluorene (C16.55)

R.T.: 9.799 min
Delta R.T.: 0.000 min
Response: 743690
Conc: 5.37 ug/ml



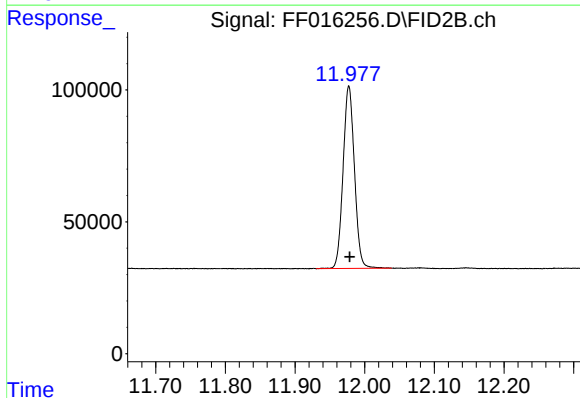
#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 749523
Conc: 5.39 ug/ml



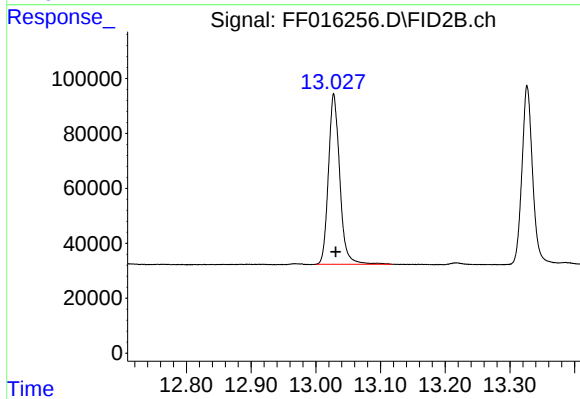
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: 0.000 min
Response: 736099
Conc: 5.39 ug/ml



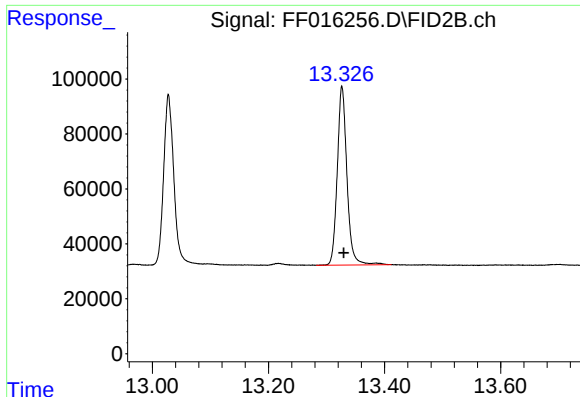
#11 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.001 min
Response: 785348
Conc: 5.50 ug/ml



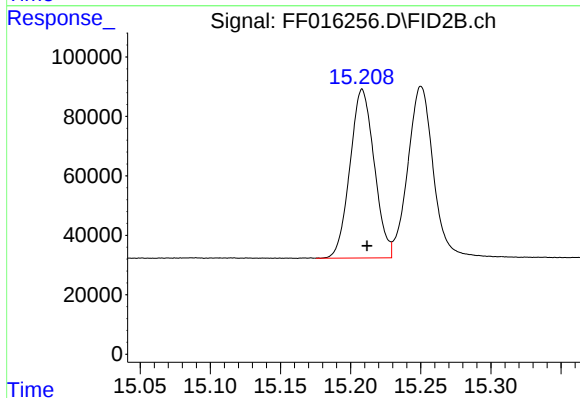
#12 Fluoranthene (C21.85)

R.T.: 13.028 min
Delta R.T.: -0.003 min
Response: 754527
Conc: 5.43 ug/ml



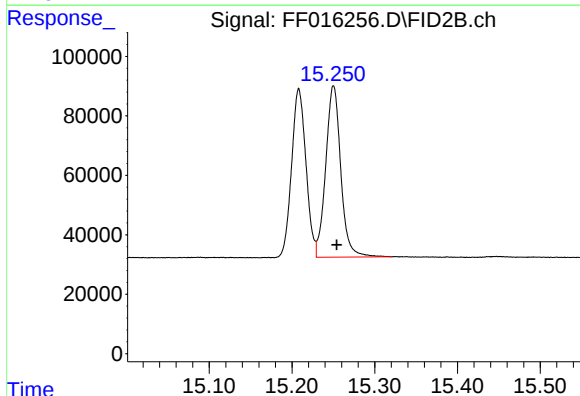
#13 Pyrene (C20.8)

R.T.: 13.327 min
Delta R.T.: -0.003 min
Response: 752843
Conc: 5.48 ug/ml



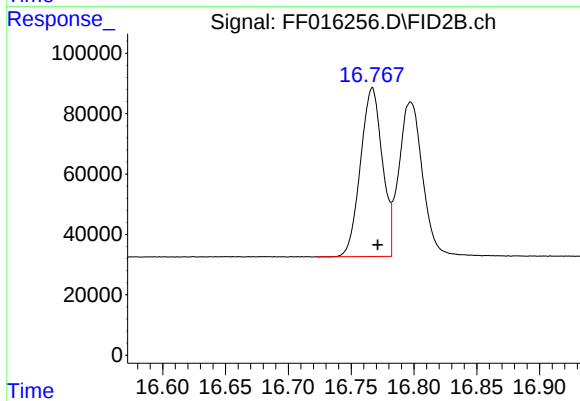
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.208 min
Delta R.T.: -0.003 min
Response: 682996
Conc: 5.23 ug/ml



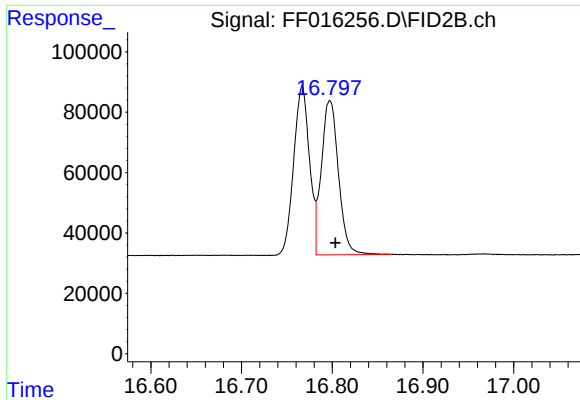
#15 Chrysene (C27.41)

R.T.: 15.250 min
Delta R.T.: -0.004 min
Response: 730451
Conc: 5.48 ug/ml



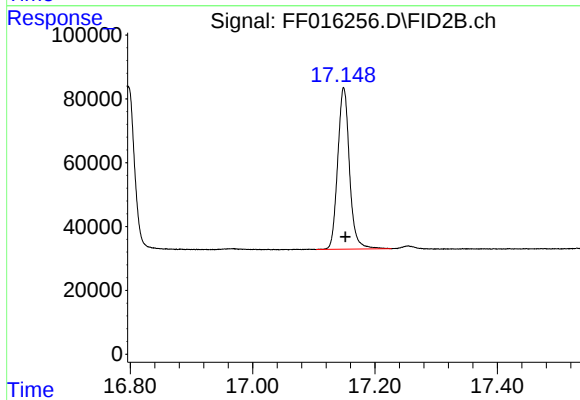
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.767 min
Delta R.T.: -0.005 min
Response: 675680
Conc: 5.27 ug/ml



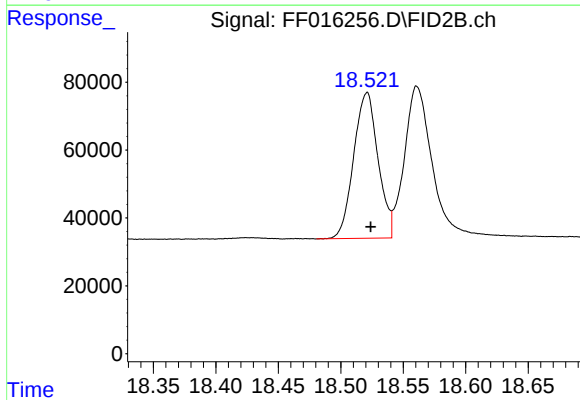
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.797 min
Delta R.T.: -0.006 min
Response: 670106
Conc: 5.49 ug/ml



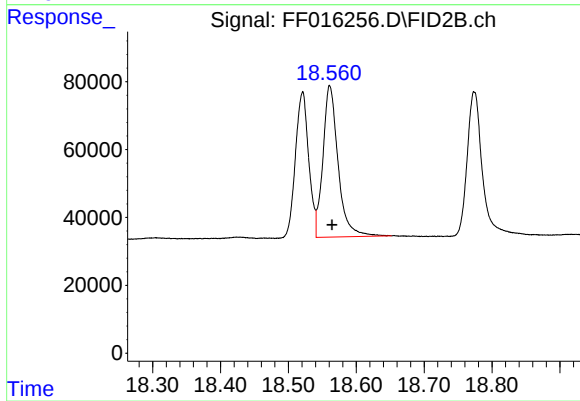
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.149 min
Delta R.T.: -0.003 min
Response: 676123
Conc: 5.41 ug/ml



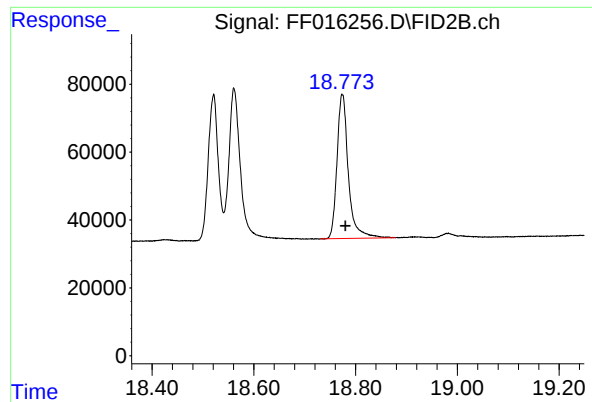
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: -0.003 min
Response: 583347
Conc: 5.24 ug/ml



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

R.T.: 18.561 min
Delta R.T.: -0.003 min
Response: 693557
Conc: 5.65 ug/ml



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

R.T.: 18.774 min
Delta R.T.: -0.006 min
Response: 657972
Conc: 5.47 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016256.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 11:31
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.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	4.631	4.574	4.689	BB	69463	694802	88.47%	4.759%
2	6.307	6.277	6.379	BB	68800	717997	91.42%	4.918%
3	7.406	7.287	7.492	BB	67963	737563	93.92%	5.052%
4	8.036	8.005	8.115	BB	58447	634449	80.79%	4.346%
5	8.710	8.670	8.790	BB	69635	743453	94.67%	5.092%
6	8.911	8.879	8.984	BV	37811	436816	55.62%	2.992%
7	9.010	8.984	9.095	VB	72021	741902	94.47%	5.082%
8	9.799	9.762	9.895	BB	61968	743690	94.70%	5.094%
9	11.207	11.155	11.255	BV	63694	749523	95.44%	5.134%
10	11.282	11.255	11.369	VB	57477	736099	93.73%	5.042%
11	11.977	11.930	12.039	BB	69198	785348	100.00%	5.379%
12	13.028	13.000	13.117	BB	61660	754527	96.08%	5.168%
13	13.327	13.282	13.412	BB	64834	752843	95.86%	5.157%
14	15.208	15.175	15.229	BV	56765	682996	86.97%	4.678%
15	15.250	15.229	15.320	VB	57691	730451	93.01%	5.003%
16	16.767	16.722	16.782	BV	56092	675680	86.04%	4.628%
17	16.797	16.782	16.865	VB	51087	670106	85.33%	4.590%
18	17.149	17.104	17.227	BB	50672	676123	86.09%	4.631%
19	18.521	18.480	18.541	BV	42889	583347	74.28%	3.996%
20	18.561	18.541	18.652	VB	44729	693557	88.31%	4.751%
21	18.774	18.730	18.879	BB	42484	657972	83.78%	4.507%
Sum of corrected areas:						14599245		

Aromatic EPH 083025.M Fri Aug 29 09:21:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016257.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 12:00
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:13:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.035	2256592	18.876 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
6) S 2-Fluorobiphenyl (SURR)	8.911	1565428	18.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.81%
11) S ortho-Terphenyl (SURR)	11.979	2735411	18.861 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	2444136	18.861 ug/ml
2) T Naphthalene (C11.7)	6.307	2584206	18.890 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2646897	18.926 ug/ml
5) T Acenaphthylene (C15.06)	8.711	2649953	18.874 ug/ml
7) T Acenaphthene (C15.5)	9.011	2647333	18.888 ug/ml
8) T Flouorene (C16.55)	9.801	2634667	18.855 ug/ml
9) T Phenanthrene (C19.36)	11.208	2668795	18.927 ug/ml
10) T Anthracene (C19.43)	11.282	2607281	18.857 ug/ml
12) T Fluoranthene (C21.85)	13.031	2666928	18.906 ug/ml
13) T Pyrene (C20.8)	13.330	2638225	18.851 ug/ml
14) T Benzo[a]anthracene (C...	15.213	2539670	19.203 ug/ml
15) T Chrysene (C27.41)	15.255	2599789	19.073 ug/ml
16) T benzo[b]fluoranthene ...	16.772	2519436	19.333 ug/ml
17) T Bnezo[k]fluoranthene ...	16.805	2388669	19.094 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2446913	19.147 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.525	2168852	18.985 ug/ml
20) T Dibenz[a,h]anthracene...	18.565	2387403	19.020 ug/ml
21) T Benzo[g,h,i]perylene ...	18.781	2325692	18.859 ug/ml

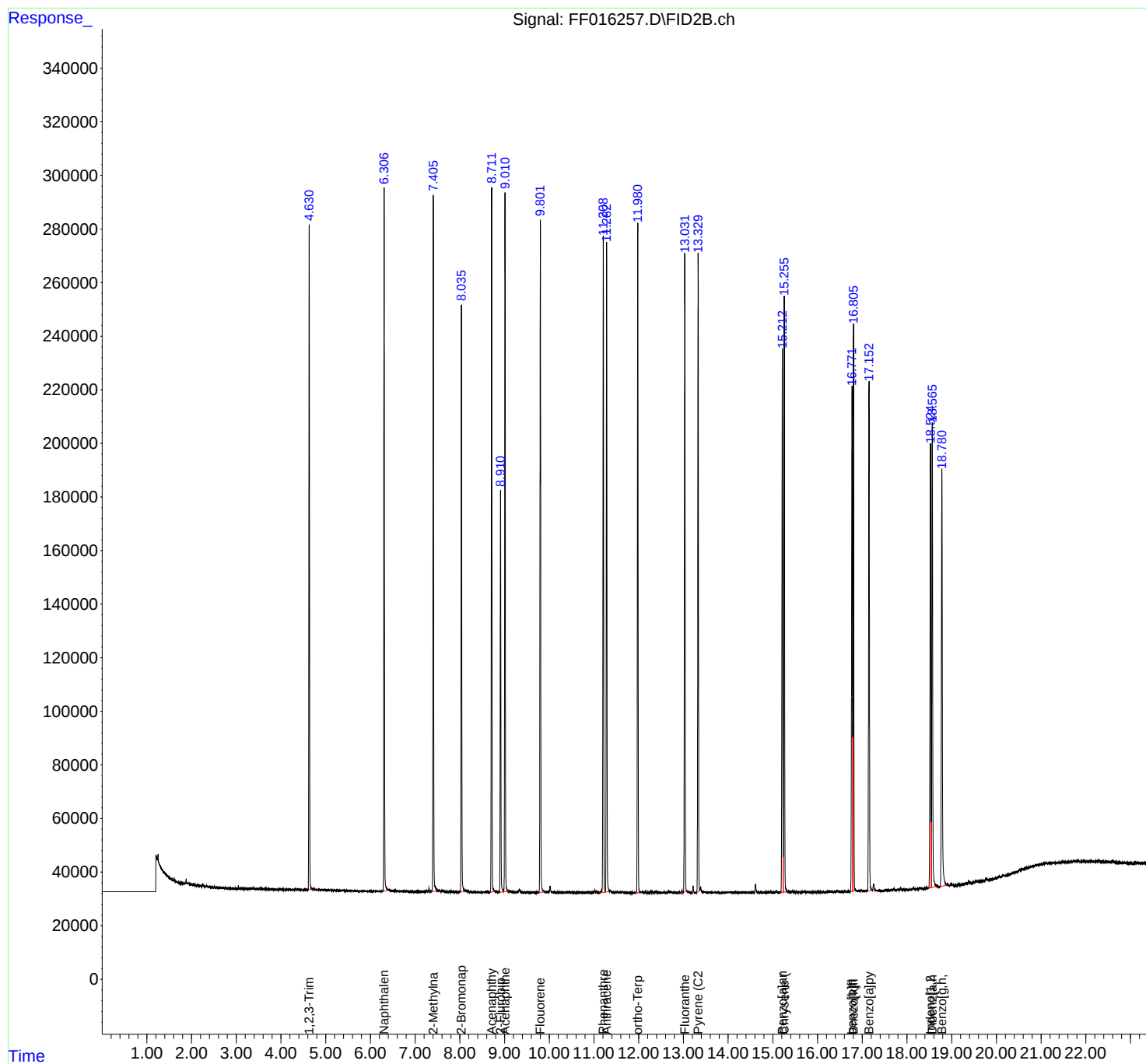
(f)=RT Delta > 1/2 Window

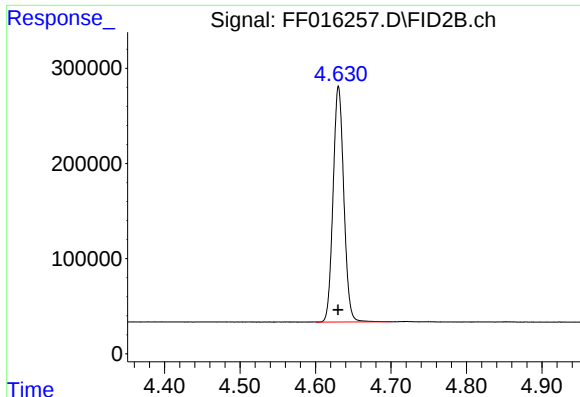
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
Data File : FF016257.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 12:00
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 29 09:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:10:12 2025
Response via : Initial Calibration
Integrator: ChemStation

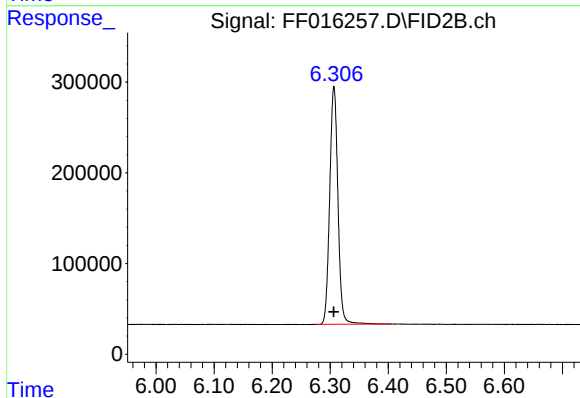
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





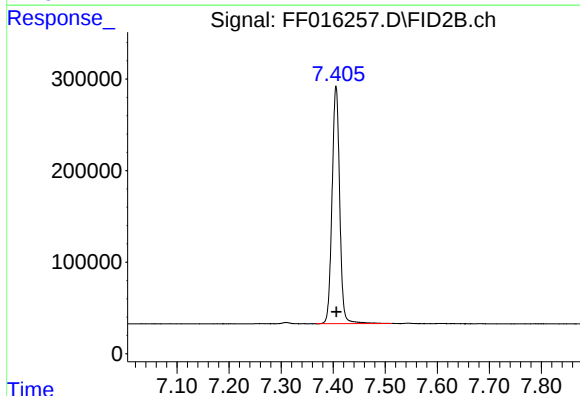
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 2444136
Conc: 18.86 ug/ml



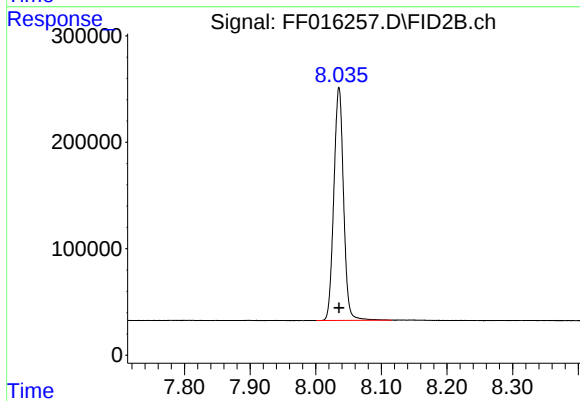
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2584206
Conc: 18.89 ug/ml



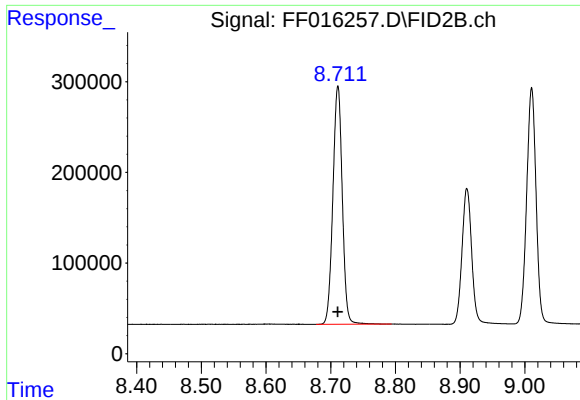
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2646897
Conc: 18.93 ug/ml



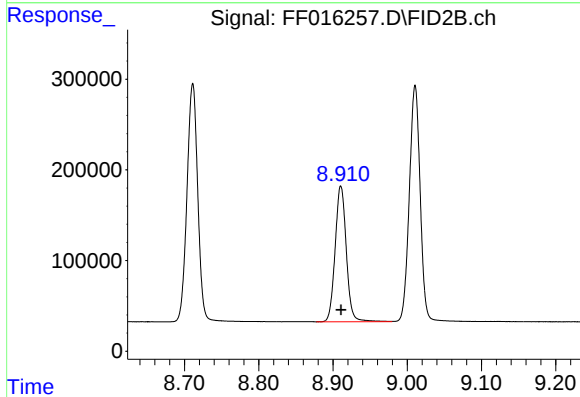
#4 2-Bromonaphthalene (SURR)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2256592
Conc: 18.88 ug/ml



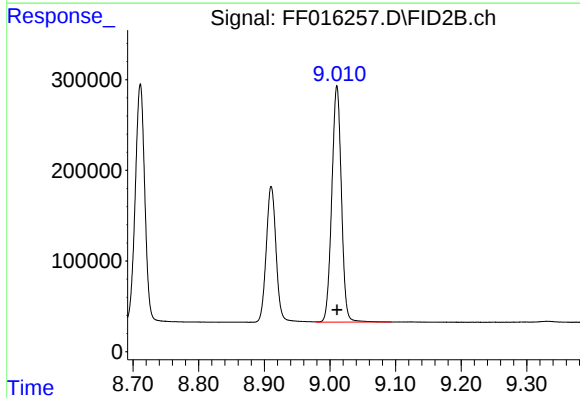
#5 Acenaphthylene (C15.06)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2649953
Conc: 18.87 ug/ml



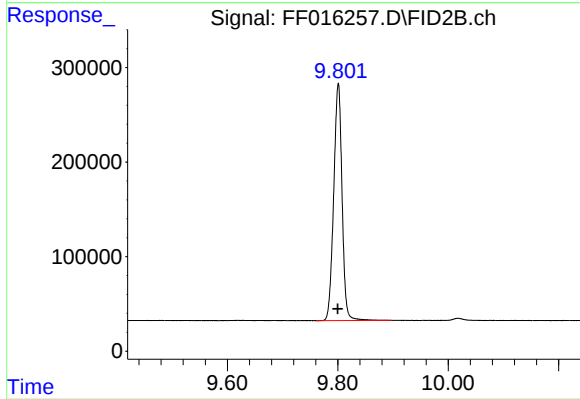
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1565428
Conc: 18.90 ug/ml



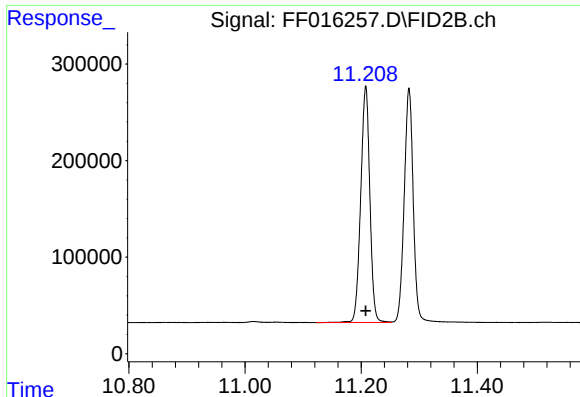
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 2647333
Conc: 18.89 ug/ml



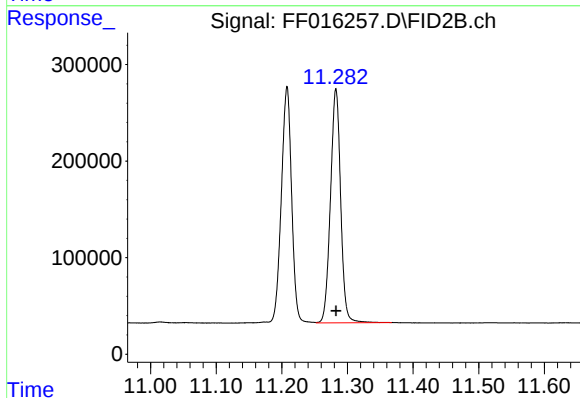
#8 Fluorene (C16.55)

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 2634667
Conc: 18.86 ug/ml



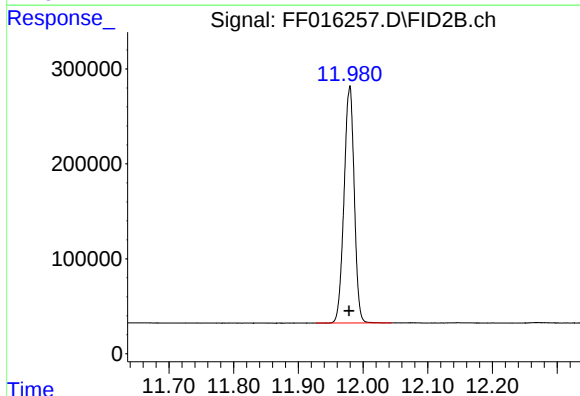
#9 Phenanthrene (C19.36)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2668795
Conc: 18.93 ug/ml



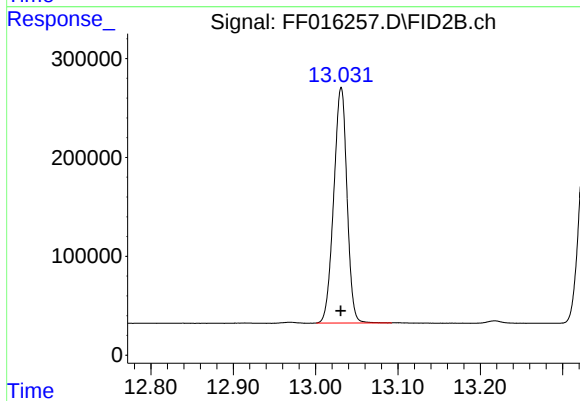
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: 0.000 min
Response: 2607281
Conc: 18.86 ug/ml



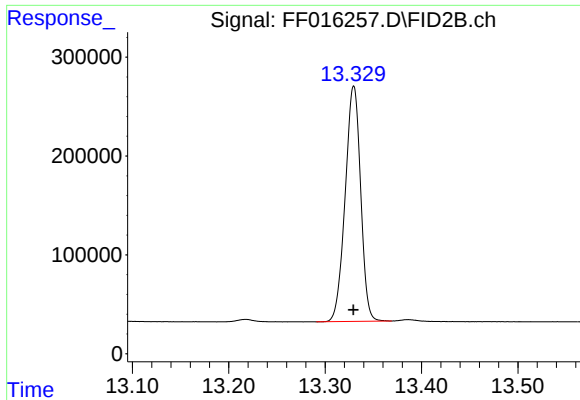
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2735411
Conc: 18.86 ug/ml



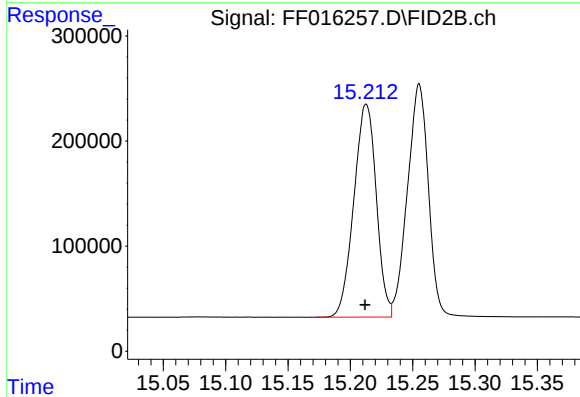
#12 Fluoranthene (C21.85)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 2666928
Conc: 18.91 ug/ml



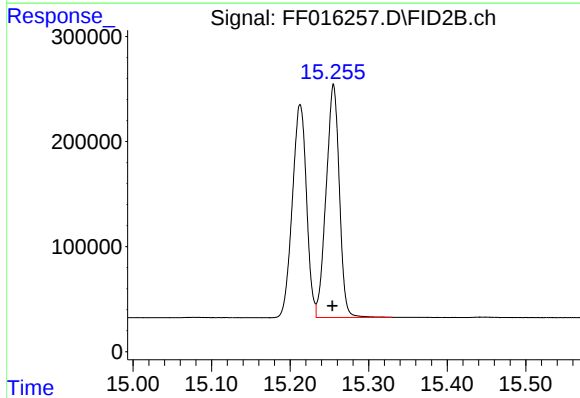
#13 Pyrene (C20.8)

R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 2638225
Conc: 18.85 ug/ml



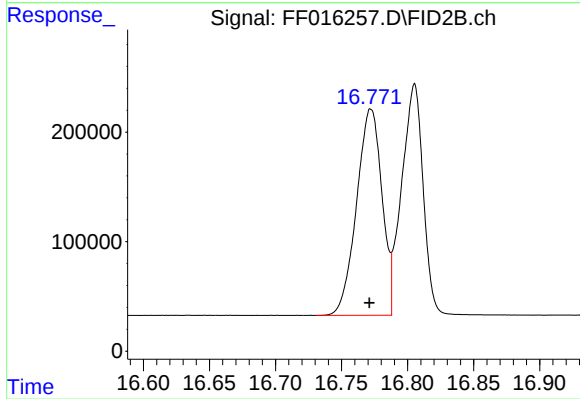
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.213 min
Delta R.T.: 0.001 min
Response: 2539670
Conc: 19.20 ug/ml



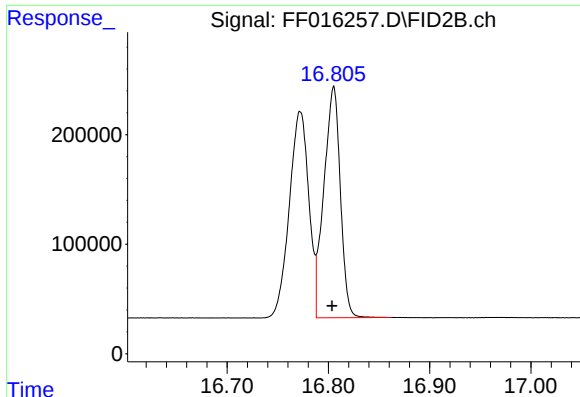
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: 0.001 min
Response: 2599789
Conc: 19.07 ug/ml



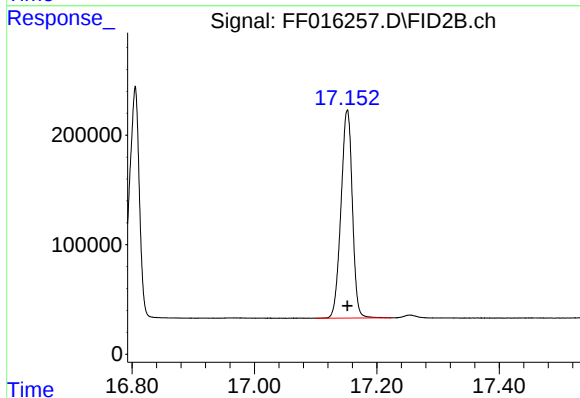
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.772 min
Delta R.T.: 0.000 min
Response: 2519436
Conc: 19.33 ug/ml



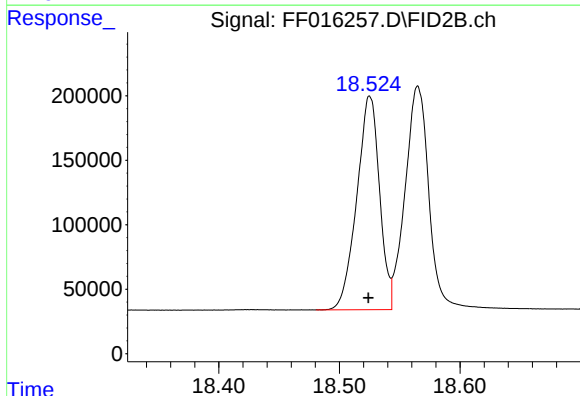
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.805 min
Delta R.T.: 0.001 min
Response: 2388669
Conc: 19.09 ug/ml



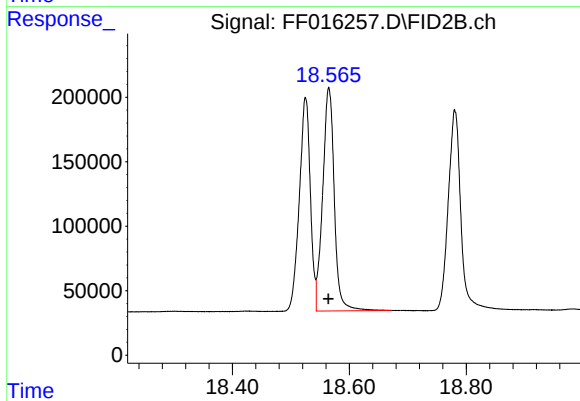
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: 0.000 min
Response: 2446913
Conc: 19.15 ug/ml



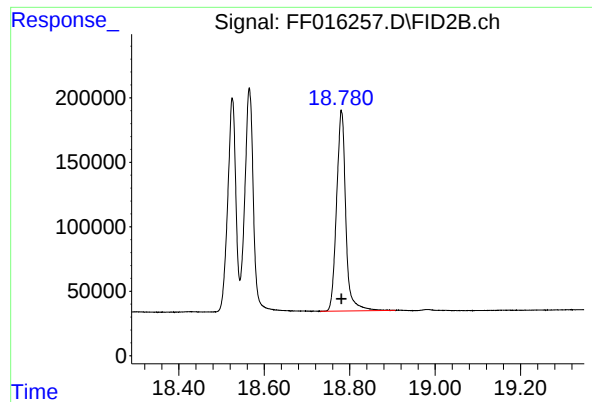
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.525 min
Delta R.T.: 0.001 min
Response: 2168852
Conc: 18.99 ug/ml



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

R.T.: 18.565 min
Delta R.T.: 0.000 min
Response: 2387403
Conc: 19.02 ug/ml



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

R.T.: 18.781 min
Delta R.T.: 0.000 min
Response: 2325692
Conc: 18.86 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016257.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 12:00
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.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	4.631	4.601	4.701	BB	247632	2444136	89.35%	4.689%
2	6.307	6.276	6.406	BB	262241	2584206	94.47%	4.958%
3	7.406	7.367	7.512	BB	259719	2646897	96.76%	5.078%
4	8.035	8.001	8.116	BB	219437	2256592	82.50%	4.329%
5	8.711	8.677	8.794	BB	262804	2649953	96.88%	5.084%
6	8.911	8.877	8.979	BV	149653	1565428	57.23%	3.003%
7	9.011	8.979	9.094	VB	261027	2647333	96.78%	5.079%
8	9.801	9.761	9.897	BB	251093	2634667	96.32%	5.055%
9	11.208	11.122	11.252	BV	244391	2668795	97.56%	5.120%
10	11.282	11.252	11.367	VB	242490	2607281	95.32%	5.002%
11	11.979	11.927	12.044	BB	248272	2735411	100.00%	5.248%
12	13.031	13.001	13.092	BB	238430	2666928	97.50%	5.117%
13	13.330	13.291	13.369	BV	238320	2638225	96.45%	5.062%
14	15.213	15.172	15.233	BV	202765	2539670	92.84%	4.873%
15	15.255	15.233	15.329	VB	222216	2599789	95.04%	4.988%
16	16.772	16.731	16.788	BV	188273	2519436	92.10%	4.834%
17	16.805	16.788	16.862	VB	212856	2388669	87.32%	4.583%
18	17.152	17.101	17.224	BB	190824	2446913	89.45%	4.695%
19	18.525	18.481	18.543	BV	165183	2168852	79.29%	4.161%
20	18.565	18.543	18.672	VB	172928	2387403	87.28%	4.580%
21	18.781	18.731	18.907	BB	154980	2325692	85.02%	4.462%
Sum of corrected areas:							52122275	

Aromatic EPH 083025.M Fri Aug 29 09:22:05 2025