

Initial Calibration Report for SequenceID : FF092425AR

AreaCount

Parameter Range	FF016431.D	FF016432.D	FF016433.D	FF016434.D	FF016435.D	
Aromatic C10-C12	26571922.000	12782593.000	5812094.000	3378672.000	1416900.000	
Aromatic C12-C16	40903703.000	19727791.000	8893990.000	5140294.000	2077321.000	
Aromatic C16-C21	52642385.000	25632968.000	11754819.000	6912075.000	2827142.000	
Aromatic C21-C36	104382932.000	51250874.000	23922689.000	14310932.000	5957294.000	
Aromatic EPH	224500942.000	109394226.000	50383592.000	29741973.000	12278657.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	143322.298	11.099				
Aromatic C12-C16	145185.7299994	10.908				
Aromatic C16-C21	144173.003	12.258				
Aromatic C21-C36	130834.0722218	13.823				
Aromatic EPH	137577.8026664	12.558				

Concentration

Parameter Range	FF016431.D	FF016432.D	FF016433.D	FF016434.D	FF016435.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	FF016431.D	FF016432.D	FF016433.D	FF016434.D	FF016435.D	
Aromatic C10-C12	132859.610000	127825.930000	145302.350000	168933.600000	141690.000000	
Aromatic C12-C16	136345.676666	131518.606666	148233.166666	171343.133333	138488.066666	
Aromatic C16-C21	131605.962500	128164.840000	146935.237500	172801.875000	141357.100000	
Aromatic C21-C36	115981.035555	113890.831111	132903.827777	159010.355555	132384.311111	
Aromatic EPH	124722.745555	121549.140000	139954.422222	165233.183333	136429.522222	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016431.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 13:59
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 24 15:18:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:16:11 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...	8.039	11754305	95.774 ug/ml
Spiked Amount 50.000		Recovery =	191.55%
6) S 2-Fluorobiphenyl (SURR)	8.917	8058977	96.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	192.28%#
11) S ortho-Terphenyl (SURR)	11.986	13753707	94.360 ug/ml
Spiked Amount 50.000		Recovery =	188.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.630	12963406	95.293 ug/ml
2) T Naphthalene (C11.7)	6.309	13608516	95.751 ug/ml
3) T 2-Methylnaphthalene (...)	7.411	13820236	95.722 ug/ml
5) T Acenaphthylene (C15.06)	8.719	13570625	95.611 ug/ml
7) T Acenaphthene (C15.5)	9.020	13512842	96.140 ug/ml
8) T Fluorene (C16.55)	9.810	13450975	94.941 ug/ml
9) T Phenanthrene (C19.36)	11.220	13438313	94.914 ug/ml
10) T Anthracene (C19.43)	11.297	12723925	93.585 ug/ml
12) T Fluoranthene (C21.85)	13.047	13192658	94.131 ug/ml
13) T Pyrene (C20.8)	13.348	13029172	94.511 ug/ml
14) T Benzo[a]anthracene (C...	15.231	12303315	93.967 ug/ml
15) T Chrysene (C27.41)	15.280	12463435	93.088 ug/ml
16) T benzo[b]fluoranthene ...	16.796	11802907	93.353 ug/ml
17) T Bnezo[k]fluoranthene ...	16.835	10991506	92.578 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.181	11301951	93.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.558	10849044	96.965 ug/ml
20) T Dibenz[a,h]anthracene...	18.597	10510879	89.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.822	10967237	93.492 ug/ml

(f)=RT Delta > 1/2 Window

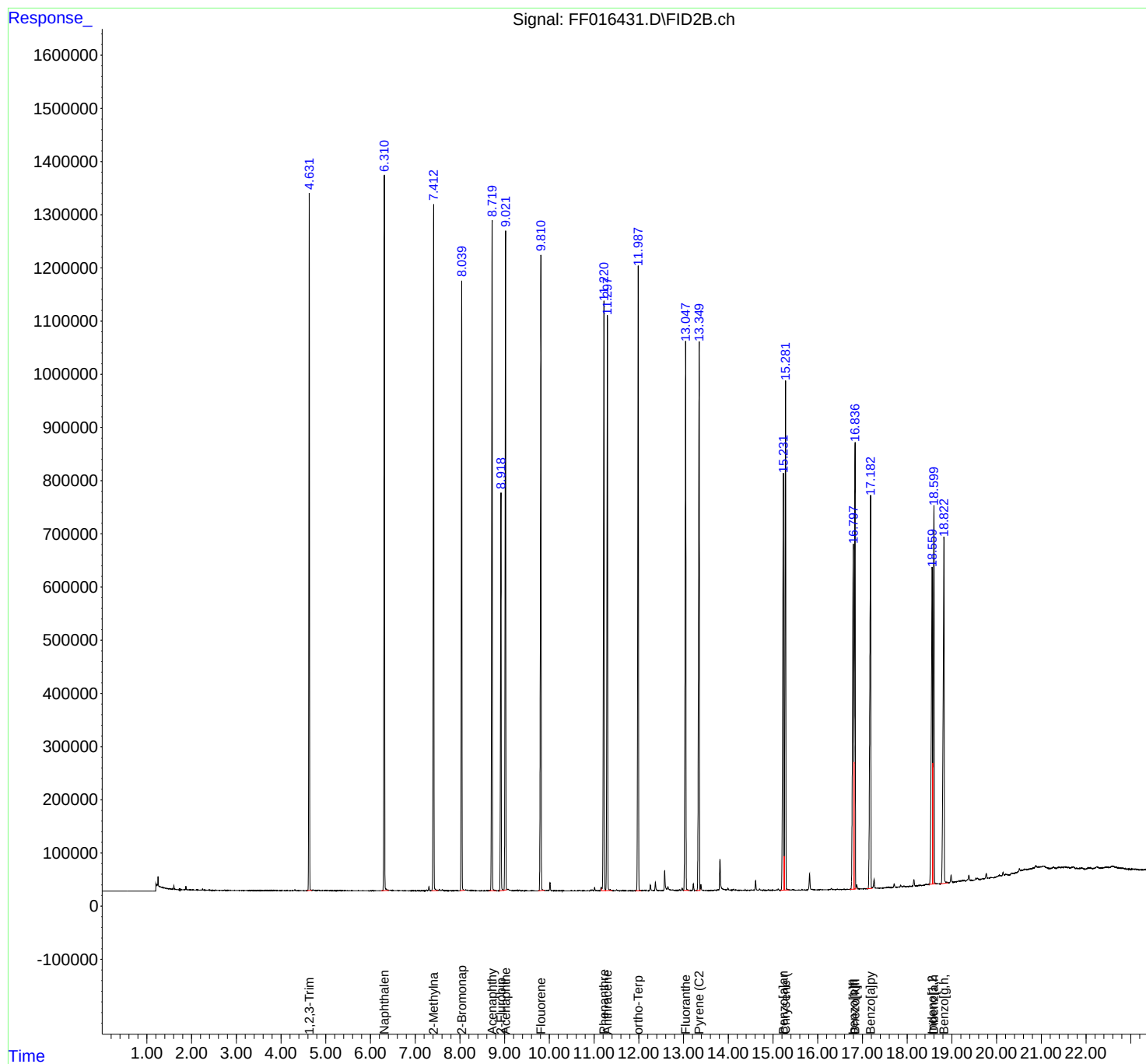
(m)=manual int.

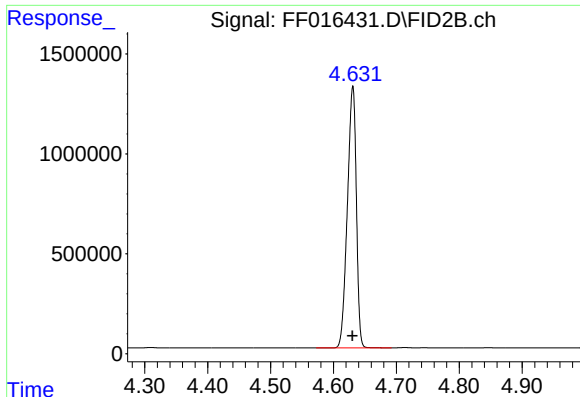
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016431.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 13:59
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Sep 24 15:18:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 15:16:11 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)

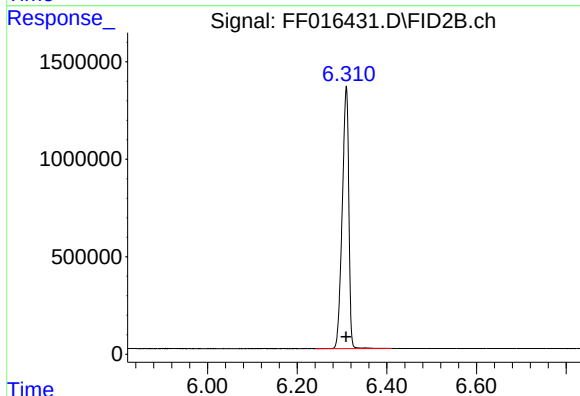
R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 12963406
Conc: 95.29 ug/ml

Instrument :

FID_F

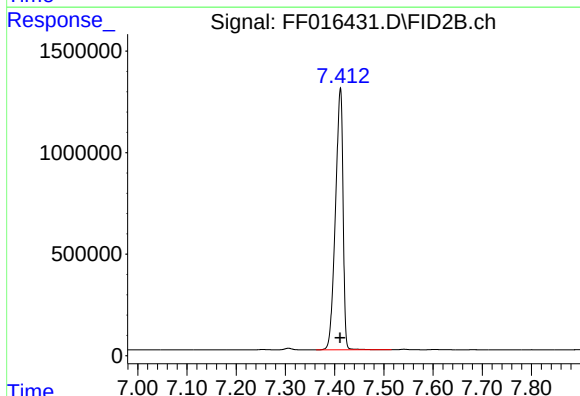
ClientSampleId :

100 PPM AROMATIC HC STD1



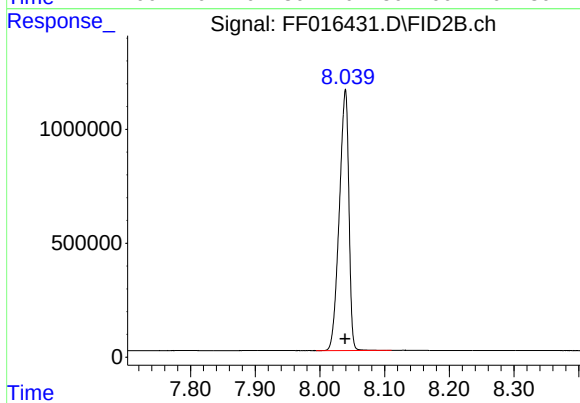
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 13608516
Conc: 95.75 ug/ml



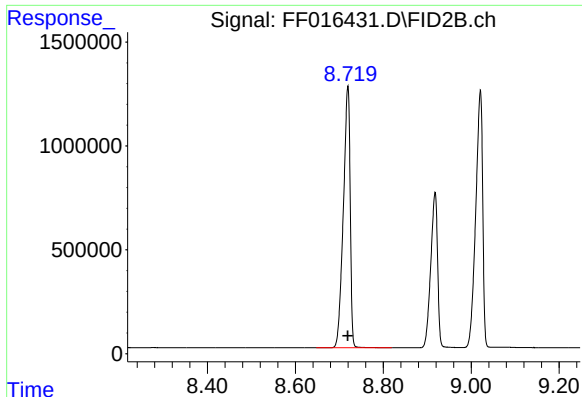
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 13820236
Conc: 95.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 11754305
Conc: 95.77 ug/ml



#5 Acenaphthylene (C15.06)

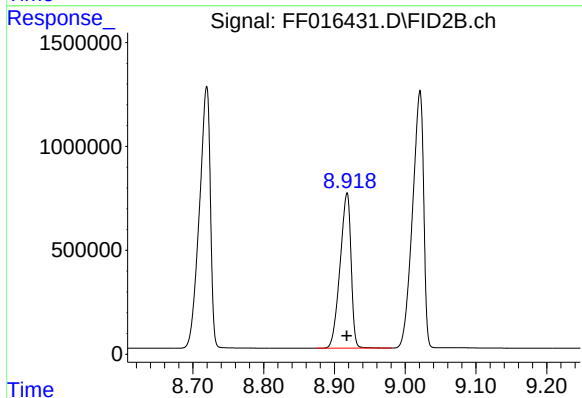
R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 13570625
Conc: 95.61 ug/ml

Instrument :

FID_F

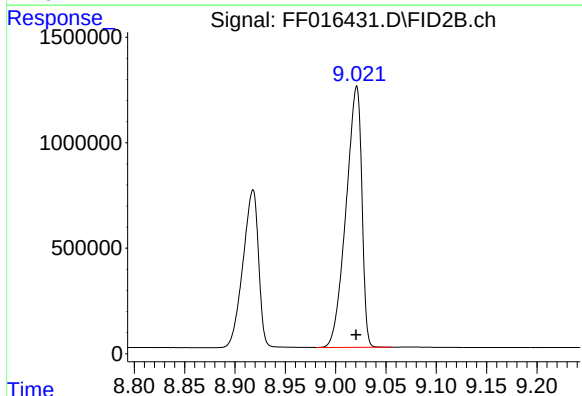
ClientSampleId :

100 PPM AROMATIC HC STD1



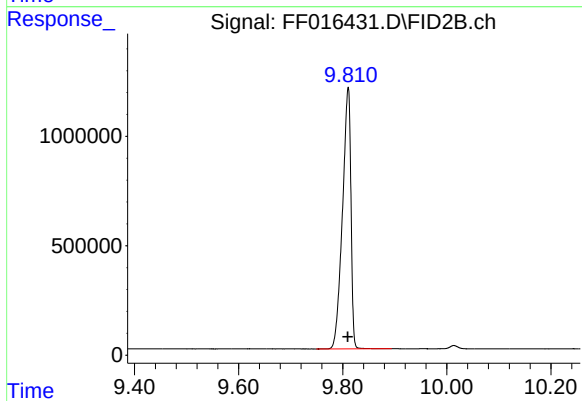
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.917 min
Delta R.T.: 0.000 min
Response: 8058977
Conc: 96.14 ug/ml



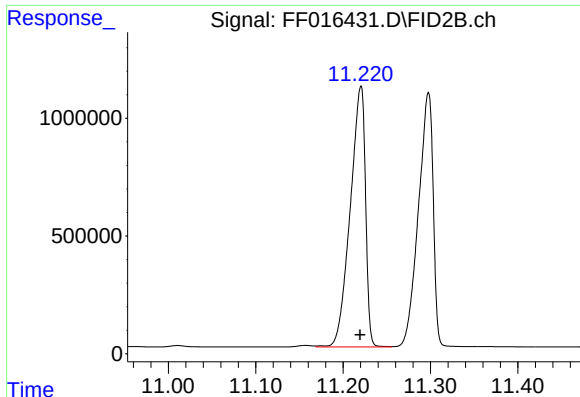
#7 Acenaphthene (C15.5)

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 13512842
Conc: 96.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.810 min
Delta R.T.: 0.000 min
Response: 13450975
Conc: 94.94 ug/ml



#9 Phenanthrene (C19.36)

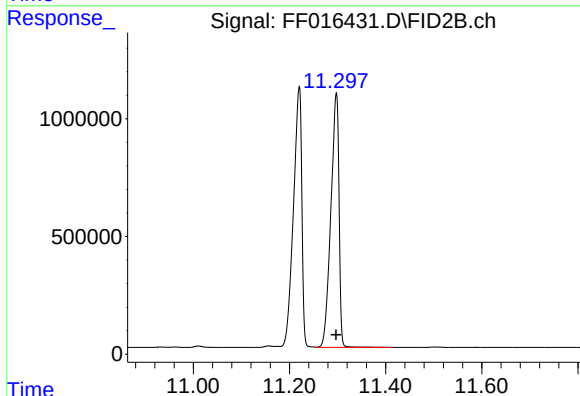
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 13438313
Conc: 94.91 ug/ml

Instrument :

FID_F

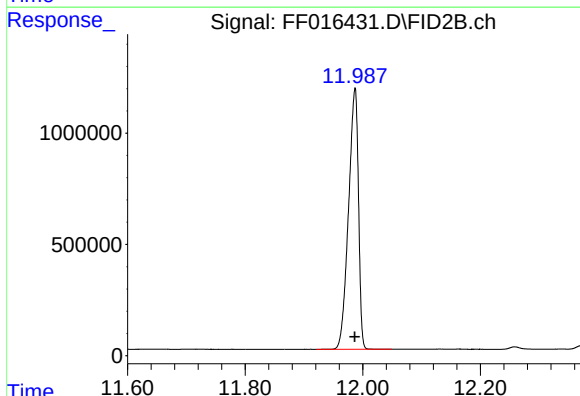
ClientSampleId :

100 PPM AROMATIC HC STD1



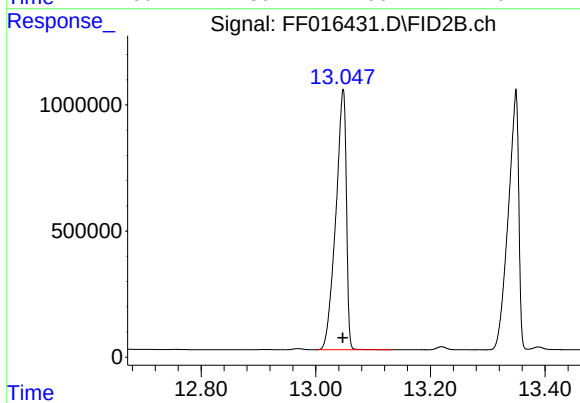
#10 Anthracene (C19.43)

R.T.: 11.297 min
Delta R.T.: 0.000 min
Response: 12723925
Conc: 93.58 ug/ml



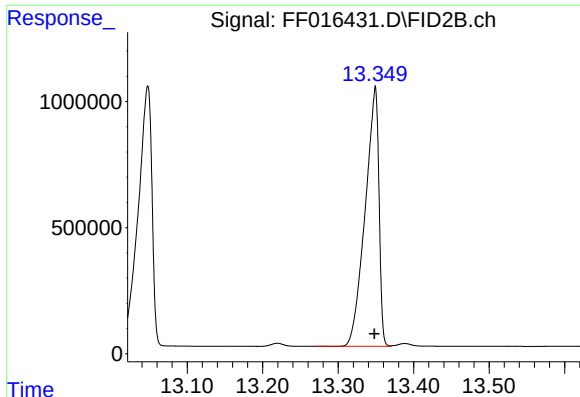
#11 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.000 min
Response: 13753707
Conc: 94.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.047 min
Delta R.T.: 0.000 min
Response: 13192658
Conc: 94.13 ug/ml



#13 Pyrene (C20.8)

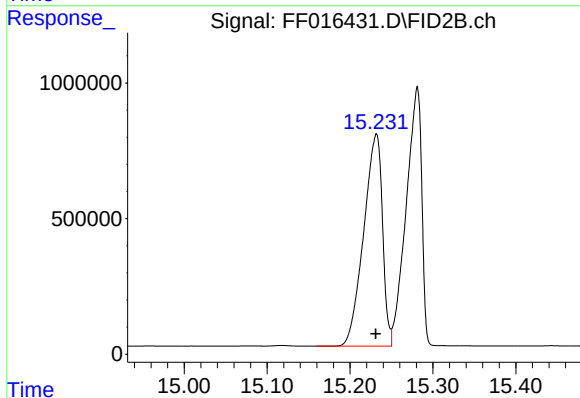
R.T.: 13.348 min
Delta R.T.: 0.000 min
Response: 13029172
Conc: 94.51 ug/ml

Instrument :

FID_F

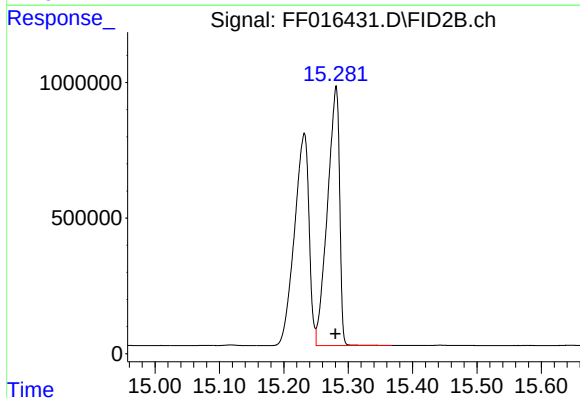
ClientSampleId :

100 PPM AROMATIC HC STD1



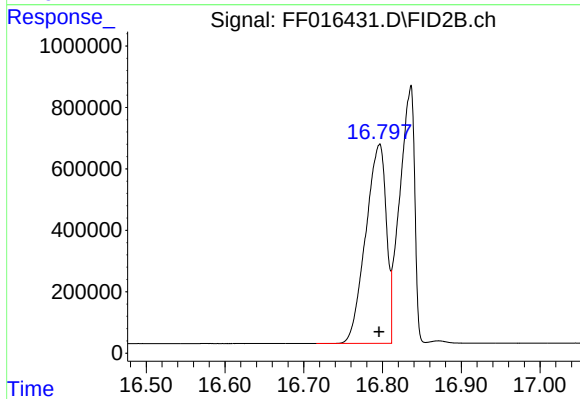
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.231 min
Delta R.T.: 0.000 min
Response: 12303315
Conc: 93.97 ug/ml



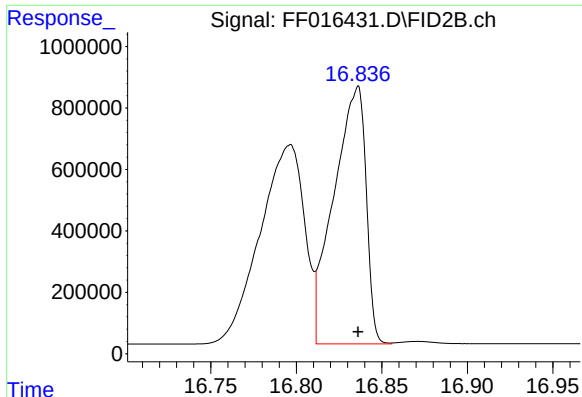
#15 Chrysene (C27.41)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 12463435
Conc: 93.09 ug/ml



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

R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 11802907
Conc: 93.35 ug/ml



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

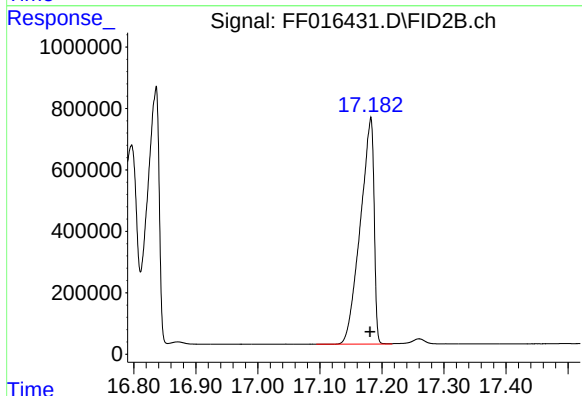
R.T.: 16.835 min
Delta R.T.: -0.002 min
Response: 10991506
Conc: 92.58 ug/ml

Instrument :

FID_F

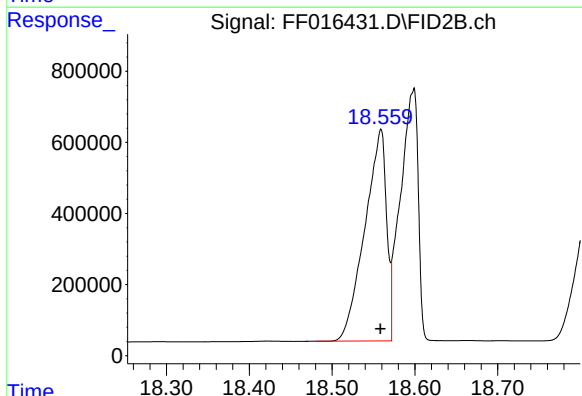
ClientSampleId :

100 PPM AROMATIC HC STD1



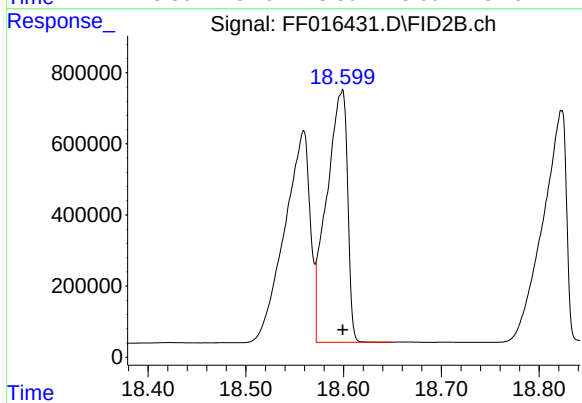
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 11301951
Conc: 93.02 ug/ml



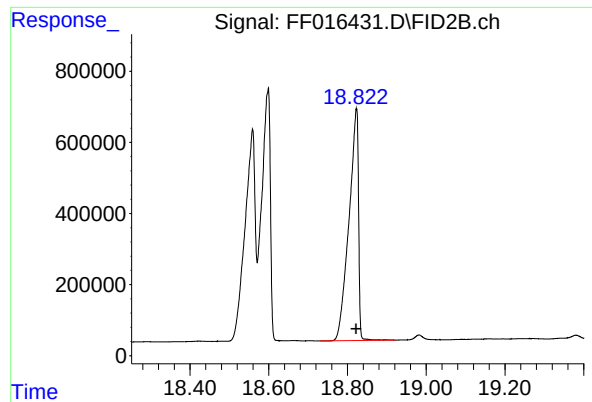
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.558 min
Delta R.T.: 0.000 min
Response: 10849044
Conc: 96.96 ug/ml



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

R.T.: 18.597 min
Delta R.T.: -0.002 min
Response: 10510879
Conc: 89.28 ug/ml



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

R.T.: 18.822 min
Delta R.T.: 0.000 min
Response: 10967237
Conc: 93.49 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016431.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 13:59
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.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	4.572	4.692	BV	1313701	12963406	93.80%	5.023%
2	6.309	6.242	6.411	BB	1342183	13608516	98.47%	5.273%
3	7.411	7.362	7.516	BB	1282824	13820236	100.00%	5.355%
4	8.039	7.994	8.111	BV	1147422	11754305	85.05%	4.555%
5	8.719	8.647	8.819	BB	1259569	13570625	98.19%	5.259%
6	8.917	8.874	8.981	BV	747111	8058977	58.31%	3.123%
7	9.020	8.981	9.056	PV	1241449	13512842	97.78%	5.236%
8	9.810	9.749	9.894	BB	1185459	13450975	97.33%	5.212%
9	11.220	11.169	11.256	VV	1101311	13438313	97.24%	5.207%
10	11.297	11.256	11.412	VB	1083190	12723925	92.07%	4.930%
11	11.986	11.921	12.049	BB	1166117	13753707	99.52%	5.329%
12	13.047	13.001	13.132	BB	1034838	13192658	95.46%	5.112%
13	13.348	13.271	13.371	BV	1004023	13029172	94.28%	5.049%
14	15.231	15.159	15.250	BV	779980	12303315	89.02%	4.767%
15	15.280	15.250	15.367	VB	957678	12463435	90.18%	4.830%
16	16.796	16.716	16.812	BV	647217	11802907	85.40%	4.574%
17	16.835	16.812	16.856	VV	817147	10991506	79.53%	4.259%
18	17.181	17.094	17.216	BV	725721	11301951	81.78%	4.379%
19	18.558	18.481	18.572	BV	591631	10849044	78.50%	4.204%
20	18.597	18.572	18.649	VV	699591	10510879	76.05%	4.073%
21	18.822	18.731	18.922	BV	653295	10967237	79.36%	4.250%
Sum of corrected areas:						258067930		

Aromatic EPH 092425.M Thu Sep 25 00:47:17 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016432.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 14:29
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 24 15:20:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:16:11 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...	8.034	5654549	47.312 ug/ml
Spiked Amount 50.000		Recovery =	94.62%
6) S 2-Fluorobiphenyl (SURR)	8.912	3878601	47.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.90%
11) S ortho-Terphenyl (SURR)	11.980	6709235	47.282 ug/ml
Spiked Amount 50.000		Recovery =	94.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.627	6249533	47.218 ug/ml
2) T Naphthalene (C11.7)	6.304	6533060	47.237 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	6650030	47.302 ug/ml
5) T Acenaphthylene (C15.06)	8.712	6564172	47.434 ug/ml
7) T Acenaphthene (C15.5)	9.013	6513589	47.501 ug/ml
8) T Flouorene (C16.55)	9.803	6507793	47.214 ug/ml
9) T Phenanthrene (C19.36)	11.212	6532119	47.356 ug/ml
10) T Anthracene (C19.43)	11.287	6223741	47.102 ug/ml
12) T Fluoranthene (C21.85)	13.037	6442747	47.239 ug/ml
13) T Pyrene (C20.8)	13.337	6369315	47.402 ug/ml
14) T Benzo[a]anthracene (C...	15.221	6018657	47.238 ug/ml
15) T Chrysene (C27.41)	15.266	6125610	47.085 ug/ml
16) T benzo[b]fluoranthene ...	16.783	5795694	47.148 ug/ml
17) T Bnezo[k]fluoranthene ...	16.819	5445729	47.102 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.166	5558378	47.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.542	5087687	46.887 ug/ml
20) T Dibenz[a,h]anthracene...	18.582	5425328	46.992 ug/ml
21) T Benzo[g,h,i]perylene ...	18.802	5351044	46.989 ug/ml

(f)=RT Delta > 1/2 Window

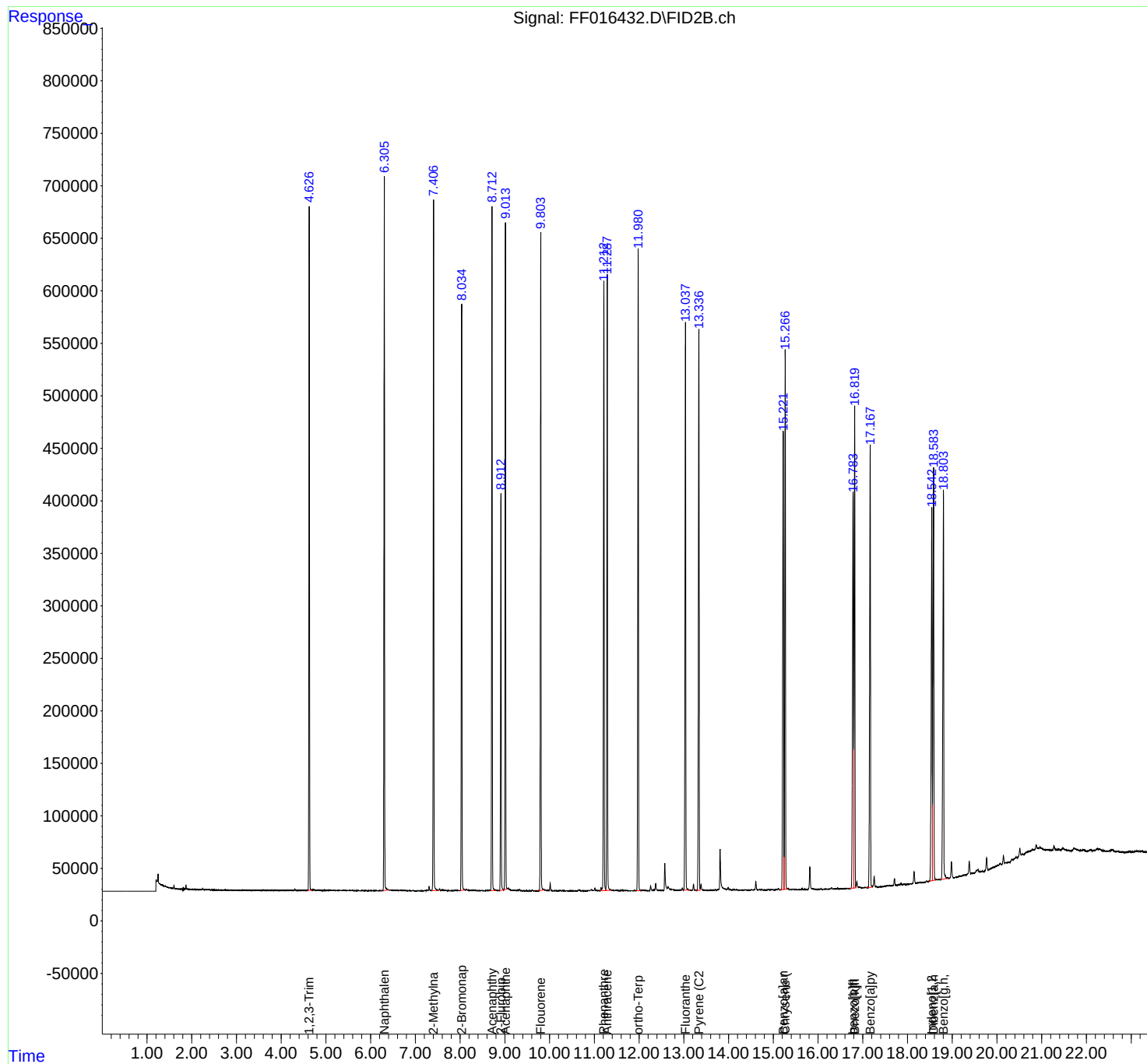
(m)=manual int.

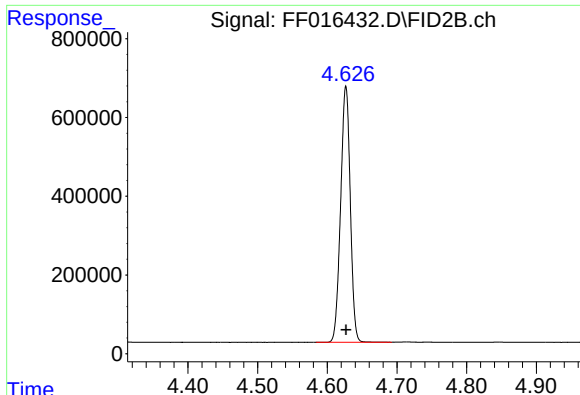
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016432.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 14:29
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Sep 24 15:20:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 15:16:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

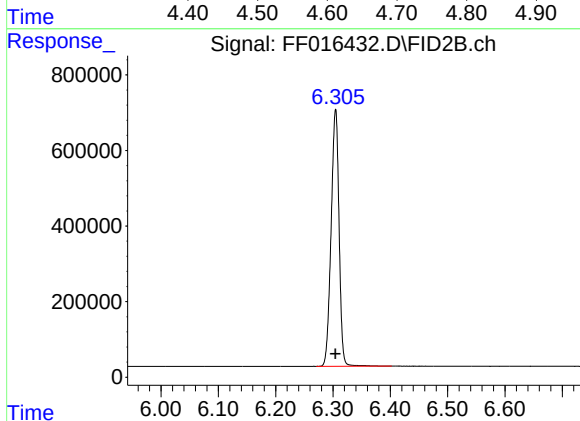




#1 1,2,3-Trimethylbenzene (C10.1)

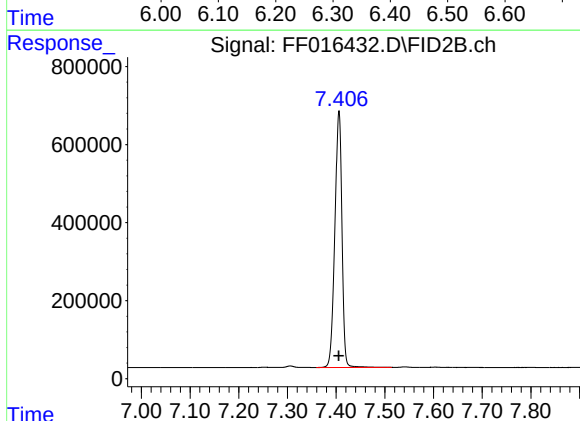
R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 6249533
Conc: 47.22 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



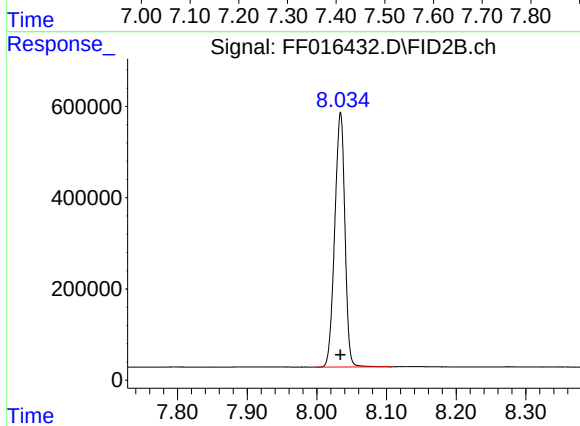
#2 Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 6533060
Conc: 47.24 ug/ml



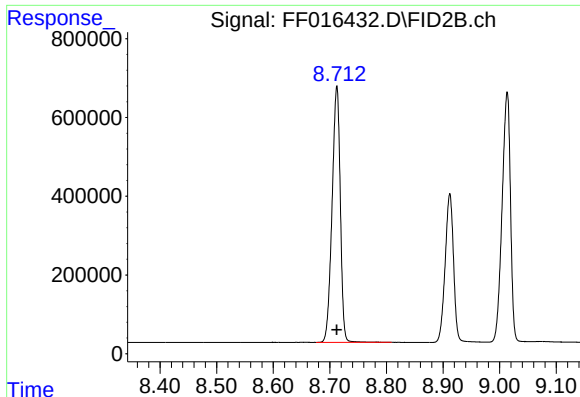
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 6650030
Conc: 47.30 ug/ml



#4 2-Bromonaphthalene (SURR)

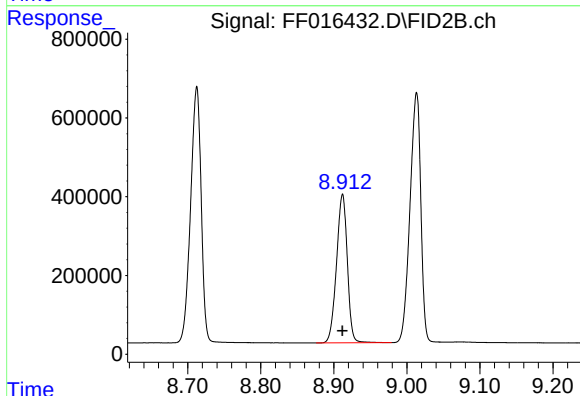
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 5654549
Conc: 47.31 ug/ml



#5 Acenaphthylene (C15.06)

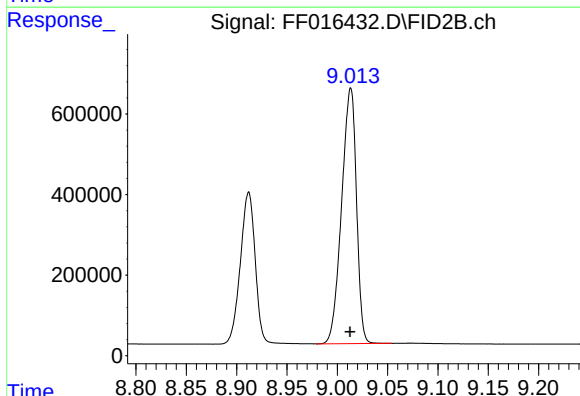
R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 6564172
Conc: 47.43 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



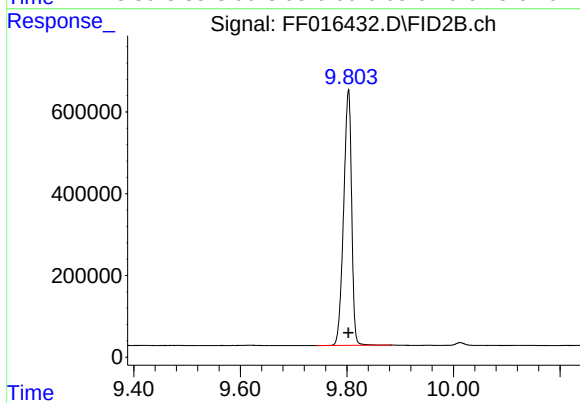
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 3878601
Conc: 47.45 ug/ml



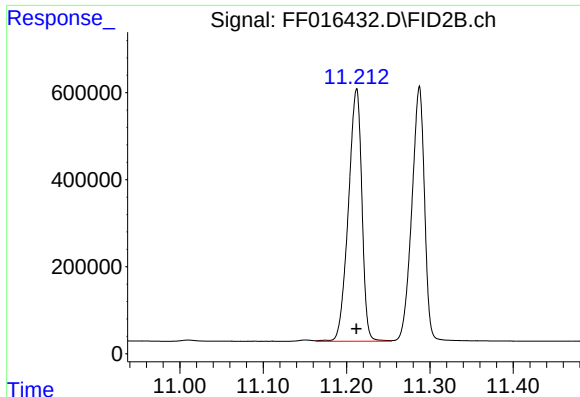
#7 Acenaphthene (C15.5)

R.T.: 9.013 min
Delta R.T.: 0.000 min
Response: 6513589
Conc: 47.50 ug/ml



#8 Fluorene (C16.55)

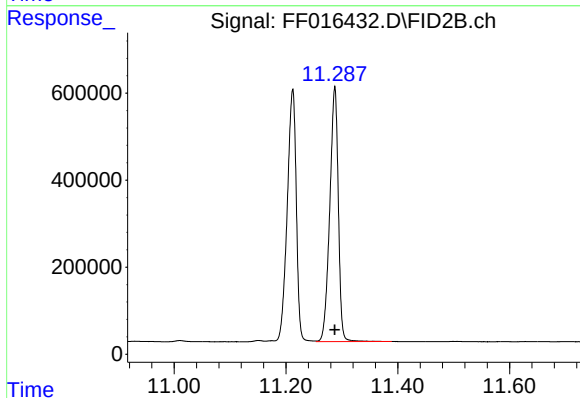
R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 6507793
Conc: 47.21 ug/ml



#9 Phenanthrene (C19.36)

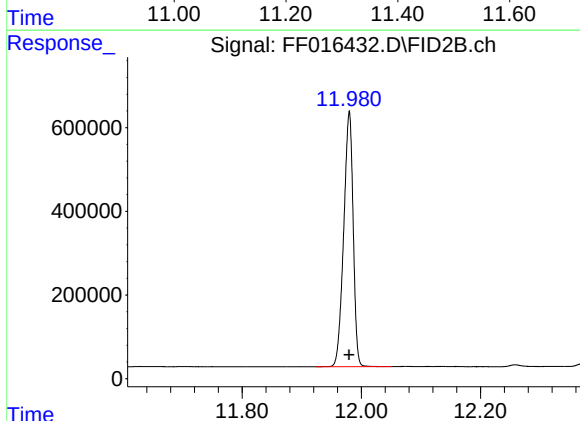
R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 6532119
Conc: 47.36 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



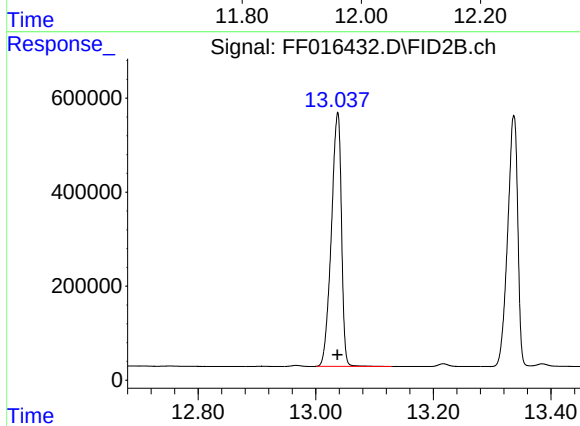
#10 Anthracene (C19.43)

R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 6223741
Conc: 47.10 ug/ml



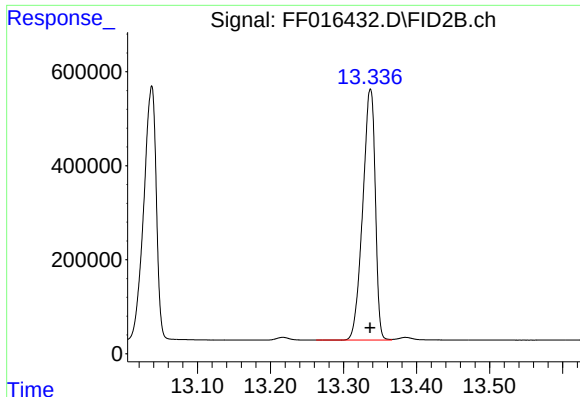
#11 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 6709235
Conc: 47.28 ug/ml



#12 Fluoranthene (C21.85)

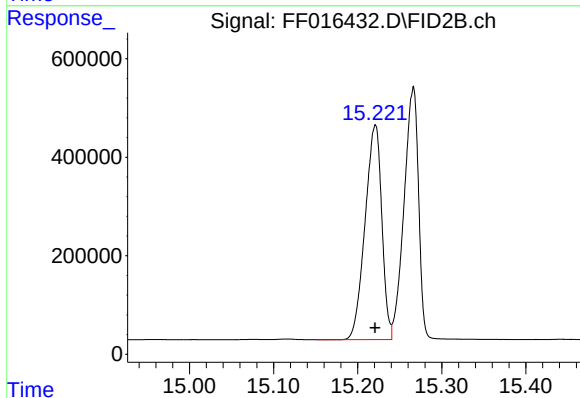
R.T.: 13.037 min
Delta R.T.: 0.000 min
Response: 6442747
Conc: 47.24 ug/ml



#13 Pyrene (C20.8)

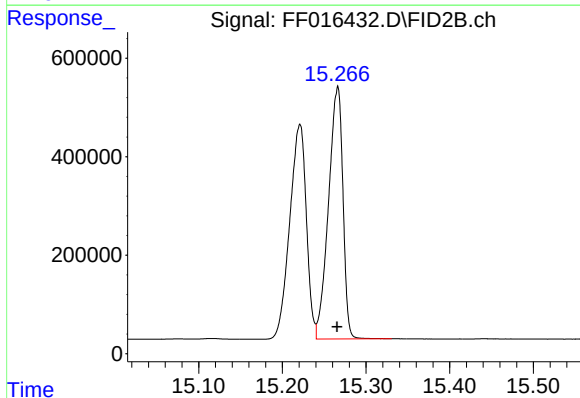
R.T.: 13.337 min
Delta R.T.: 0.000 min
Response: 6369315
Conc: 47.40 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



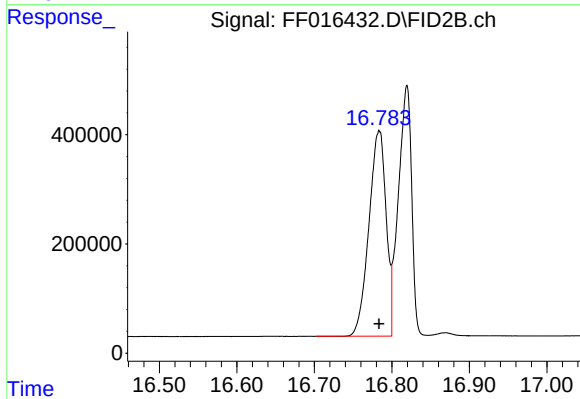
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 6018657
Conc: 47.24 ug/ml



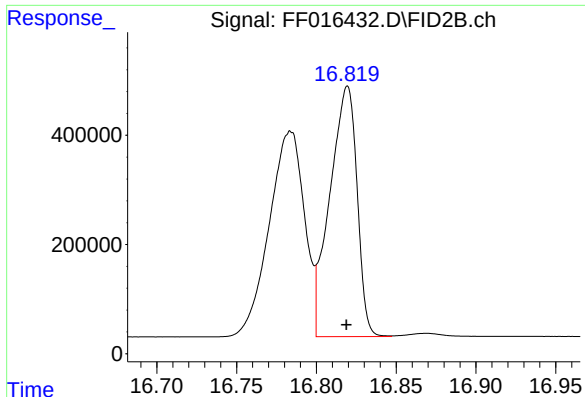
#15 Chrysene (C27.41)

R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 6125610
Conc: 47.09 ug/ml



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

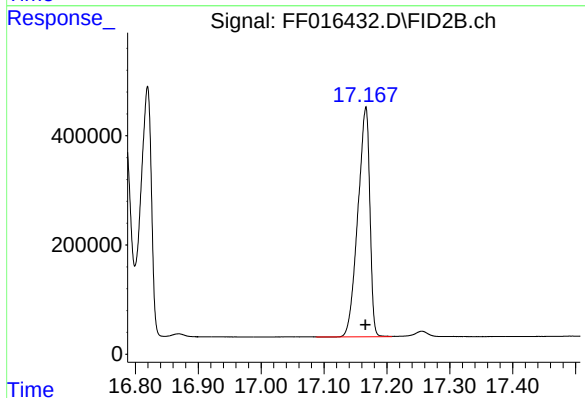
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 5795694
Conc: 47.15 ug/ml



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

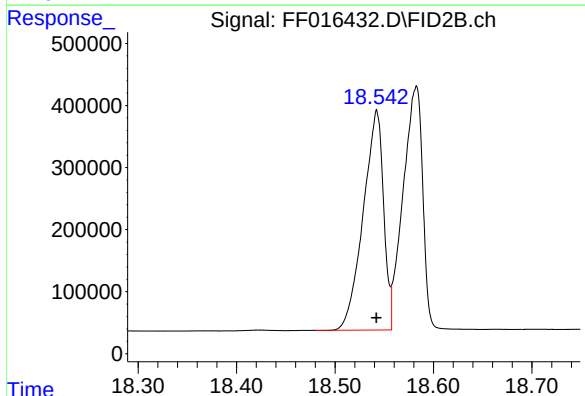
R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 5445729
Conc: 47.10 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



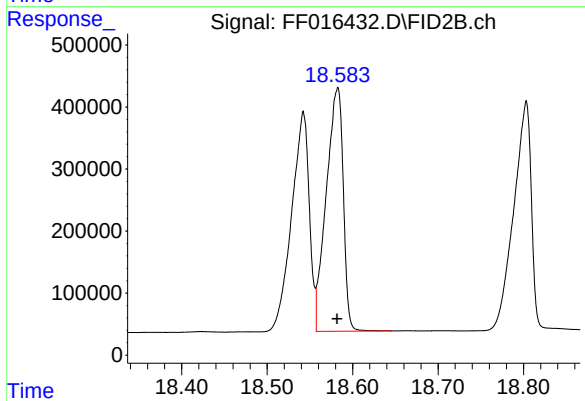
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.166 min
Delta R.T.: 0.000 min
Response: 5558378
Conc: 47.08 ug/ml



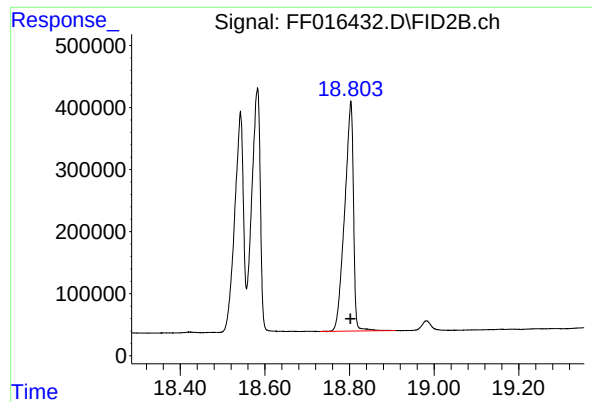
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 5087687
Conc: 46.89 ug/ml



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

R.T.: 18.582 min
Delta R.T.: 0.000 min
Response: 5425328
Conc: 46.99 ug/ml



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

R.T.: 18.802 min
Delta R.T.: 0.000 min
Response: 5351044
Conc: 46.99 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016432.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 14:29
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.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	4.627	4.584	4.692	BB	651647	6249533	93.15%	4.974%
2	6.304	6.271	6.402	BB	680296	6533060	97.37%	5.200%
3	7.406	7.359	7.514	BB	658661	6650030	99.12%	5.293%
4	8.034	7.999	8.107	BV	559602	5654549	84.28%	4.501%
5	8.712	8.676	8.809	BB	652555	6564172	97.84%	5.225%
6	8.912	8.876	8.979	BV	379317	3878601	57.81%	3.087%
7	9.013	8.979	9.054	PV	633241	6513589	97.08%	5.184%
8	9.803	9.742	9.884	BB	623665	6507793	97.00%	5.180%
9	11.212	11.164	11.254	VV	583678	6532119	97.36%	5.199%
10	11.287	11.254	11.389	VB	587179	6223741	92.76%	4.954%
11	11.980	11.924	12.051	BV	608338	6709235	100.00%	5.340%
12	13.037	13.001	13.129	BB	542872	6442747	96.03%	5.128%
13	13.337	13.262	13.366	BV	535712	6369315	94.93%	5.070%
14	15.221	15.151	15.241	BV	436284	6018657	89.71%	4.791%
15	15.266	15.241	15.331	VB	510620	6125610	91.30%	4.876%
16	16.783	16.702	16.800	BV	376389	5795694	86.38%	4.613%
17	16.819	16.800	16.847	VV	459725	5445729	81.17%	4.335%
18	17.166	17.087	17.207	BV	418349	5558378	82.85%	4.424%
19	18.542	18.481	18.557	BV	355784	5087687	75.83%	4.050%
20	18.582	18.557	18.646	VB	392603	5425328	80.86%	4.318%
21	18.802	18.731	18.909	BB	367802	5351044	79.76%	4.259%
Sum of corrected areas:						125636611		

Aromatic EPH 092425.M Thu Sep 25 00:48:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016433.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 14:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 24 15:16:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:16:11 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...	8.031	2558337	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.909	1741301	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.976	3079552	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.625	2848825	20.000 ug/ml
2) T Naphthalene (C11.7)	6.302	2963269	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	3011112	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.708	2963322	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.008	2919556	20.000 ug/ml
8) T Flouorene (C16.55)	9.798	2976884	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.207	2975729	20.000 ug/ml
10) T Anthracene (C19.43)	11.283	2893687	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.032	2967546	20.000 ug/ml
13) T Pyrene (C20.8)	13.331	2908519	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.215	2776618	20.000 ug/ml
15) T Chrysene (C27.41)	15.257	2862862	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.777	2696749	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.809	2560301	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	2599389	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.533	2305647	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.572	2654779	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.789	2498798	20.000 ug/ml

(f)=RT Delta > 1/2 Window

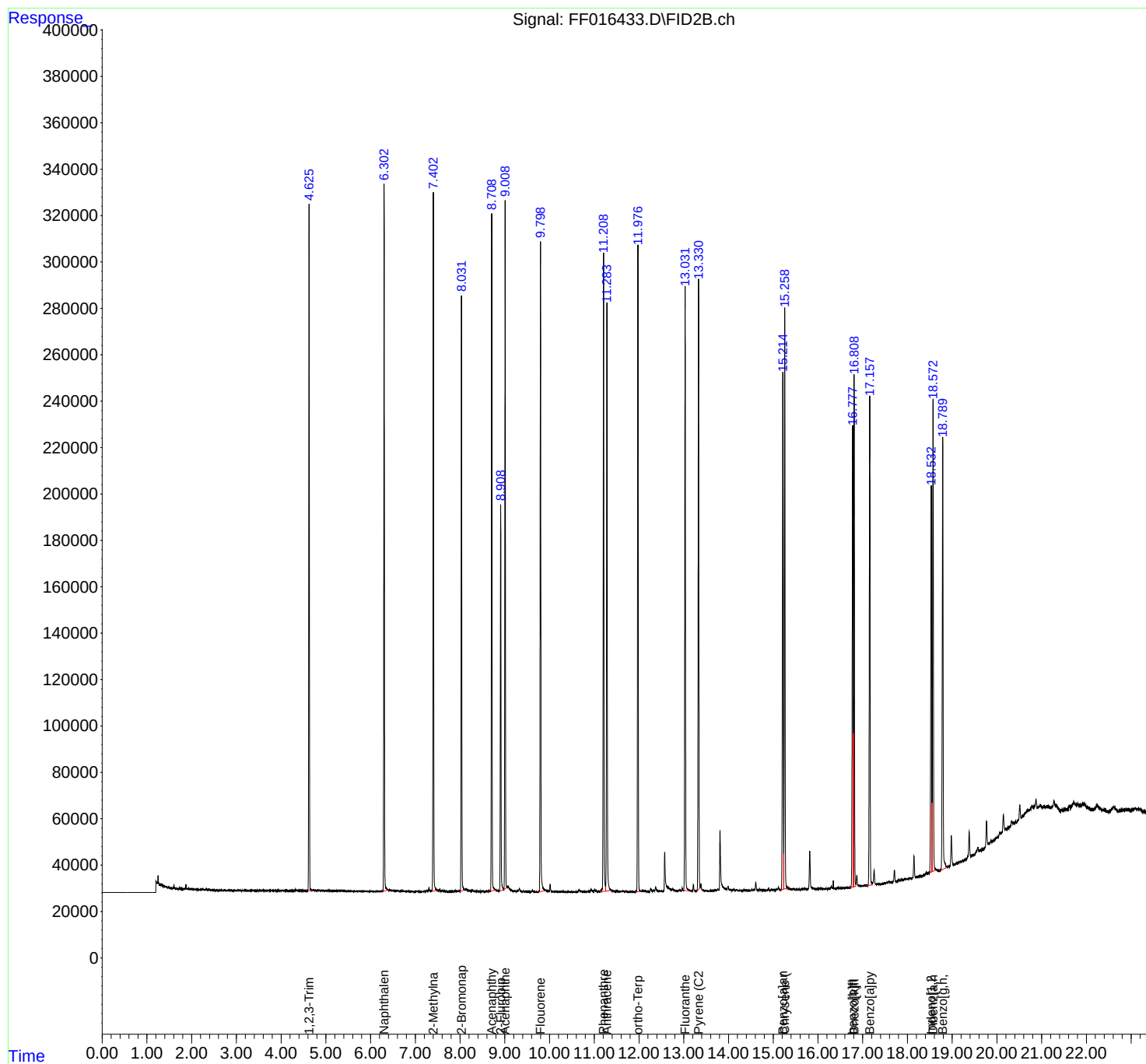
(m)=manual int.

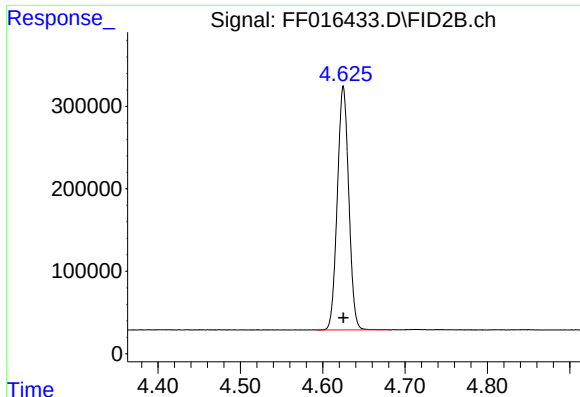
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016433.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 14:59
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Sep 24 15:16:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 15:16:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

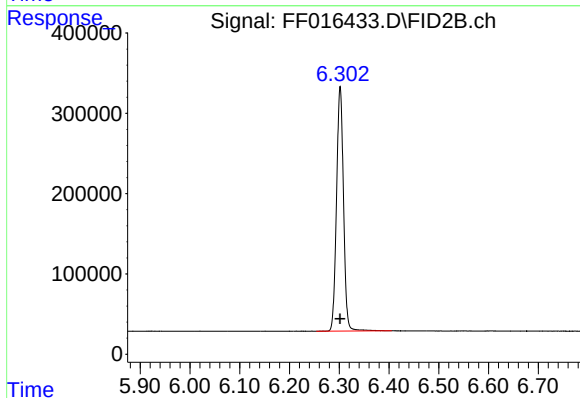




#1 1,2,3-Trimethylbenzene (C10.1)

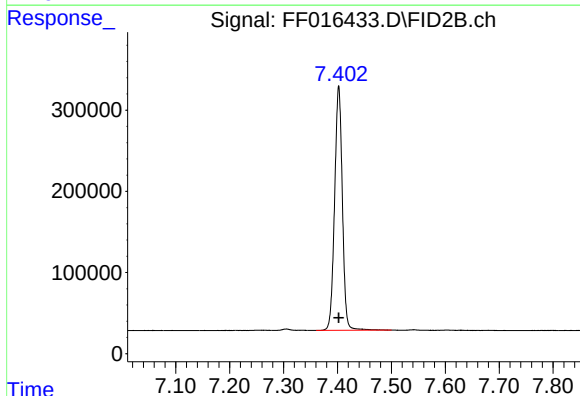
R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2848825
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



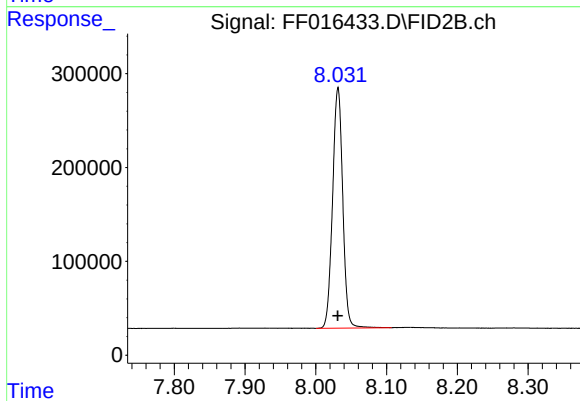
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 2963269
Conc: 20.00 ug/ml



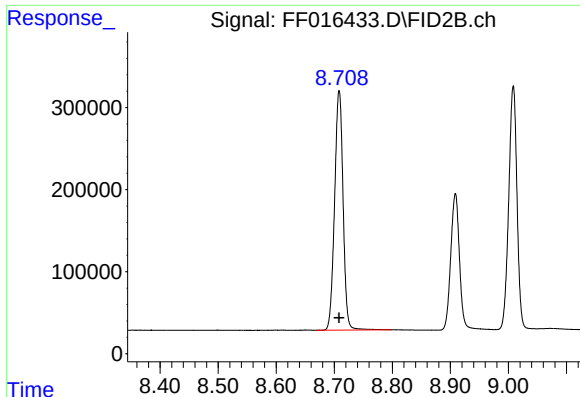
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 3011112
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

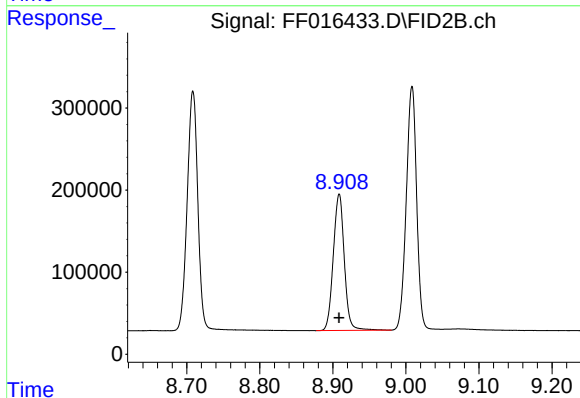
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 2558337
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

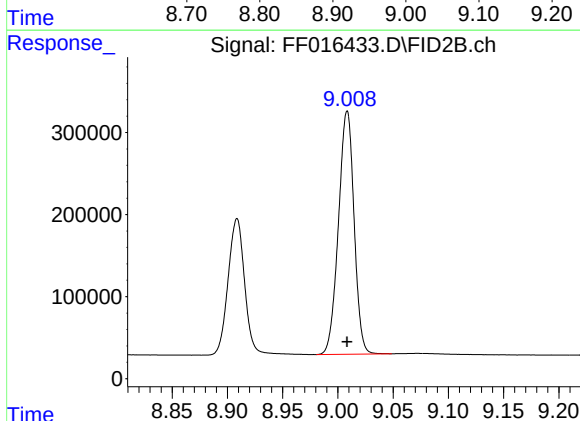
R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 2963322
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



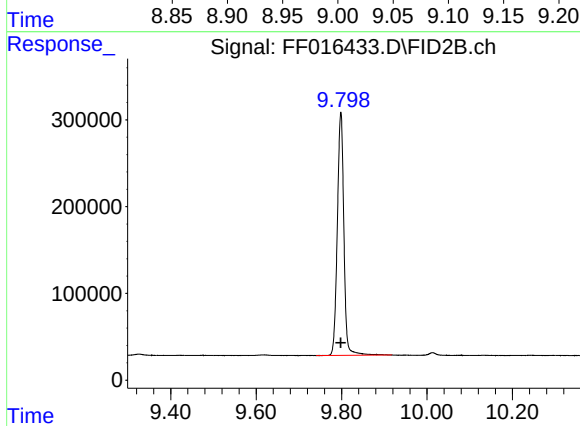
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 1741301
Conc: 20.00 ug/ml



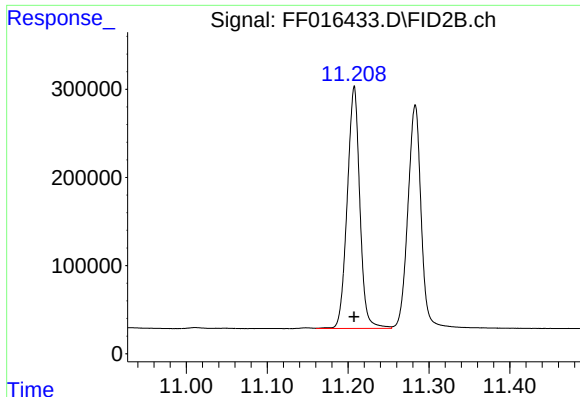
#7 Acenaphthene (C15.5)

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 2919556
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

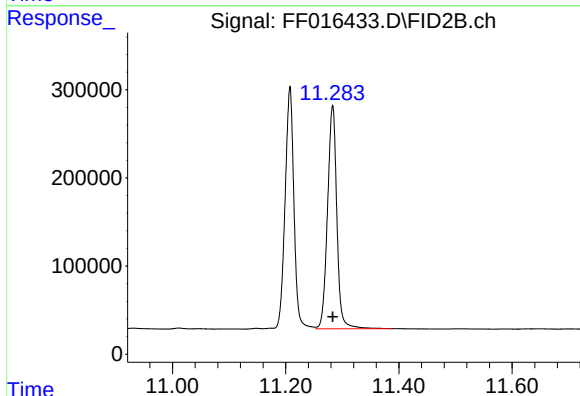
R.T.: 9.798 min
Delta R.T.: 0.000 min
Response: 2976884
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

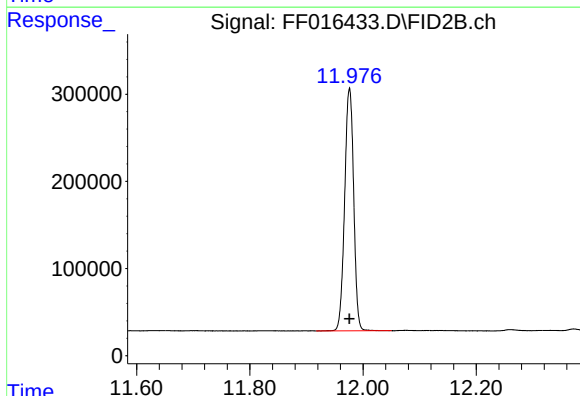
R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 2975729
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



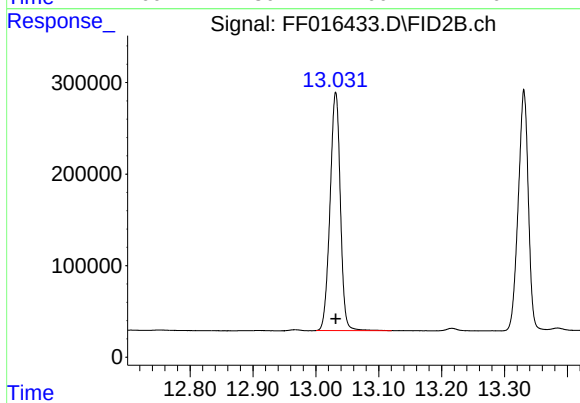
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 2893687
Conc: 20.00 ug/ml



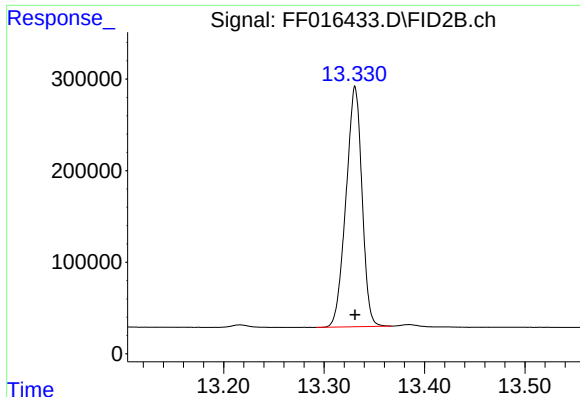
#11 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 3079552
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

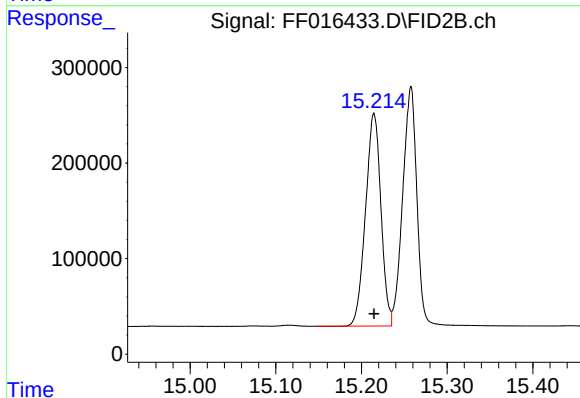
R.T.: 13.032 min
Delta R.T.: 0.000 min
Response: 2967546
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

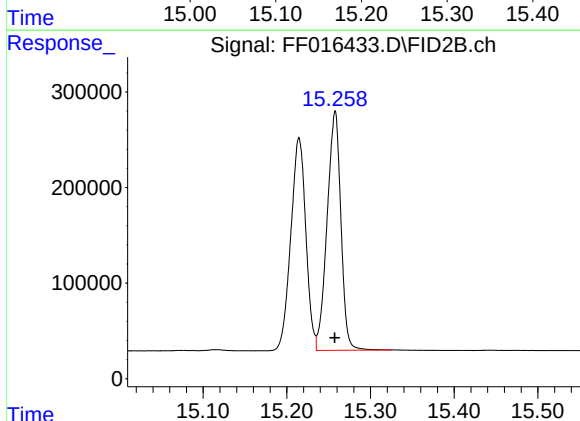
R.T.: 13.331 min
Delta R.T.: 0.000 min
Response: 2908519
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



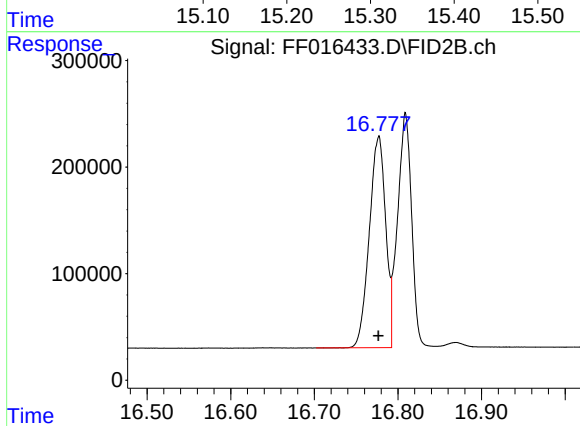
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 2776618
Conc: 20.00 ug/ml



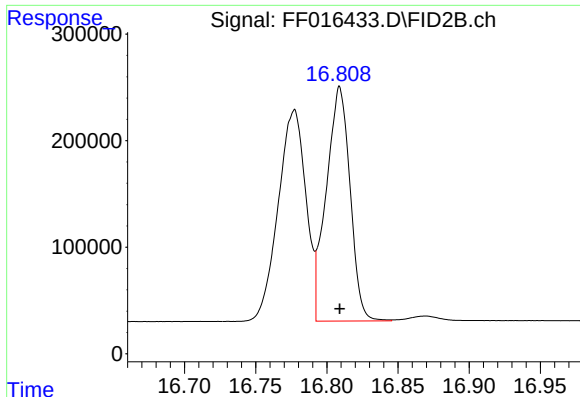
#15 Chrysene (C27.41)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 2862862
Conc: 20.00 ug/ml



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

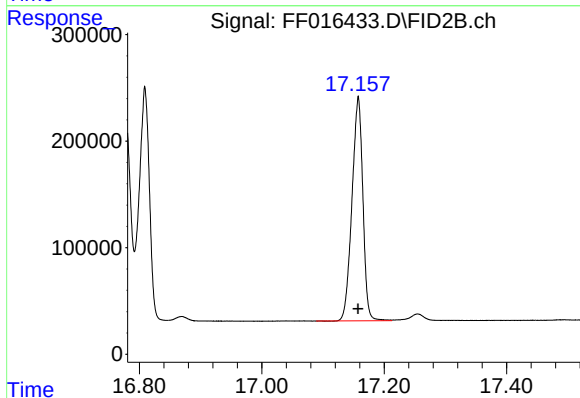
R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 2696749
Conc: 20.00 ug/ml



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

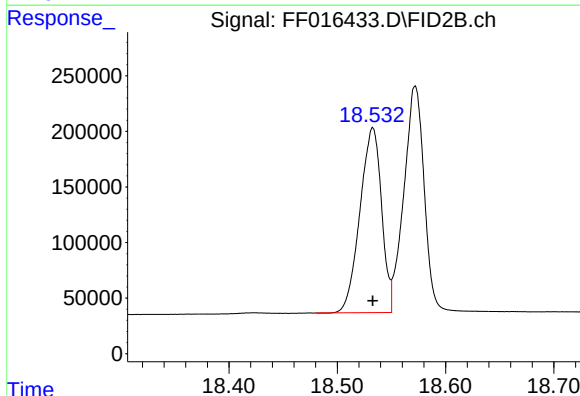
R.T.: 16.809 min
Delta R.T.: 0.000 min
Response: 2560301
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



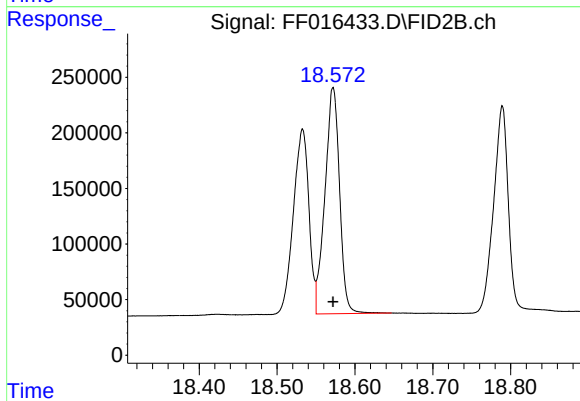
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.000 min
Response: 2599389
Conc: 20.00 ug/ml



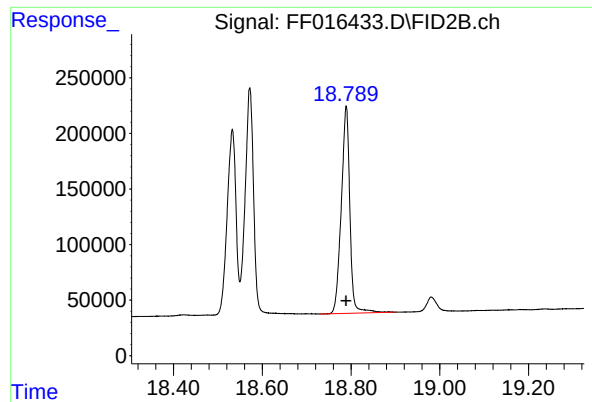
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.533 min
Delta R.T.: 0.000 min
Response: 2305647
Conc: 20.00 ug/ml



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

R.T.: 18.572 min
Delta R.T.: 0.000 min
Response: 2654779
Conc: 20.00 ug/ml



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

R.T.: 18.789 min
Delta R.T.: 0.000 min
Response: 2498798
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016433.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 14:59
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.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	4.625	4.592	4.684	BB	295387	2848825	92.51%	4.932%
2	6.302	6.254	6.405	BB	304676	2963269	96.22%	5.130%
3	7.402	7.360	7.500	BB	300976	3011112	97.78%	5.213%
4	8.031	8.000	8.107	BB	257165	2558337	83.07%	4.429%
5	8.708	8.669	8.799	BB	292176	2963322	96.23%	5.130%
6	8.909	8.877	8.980	BV	166755	1741301	56.54%	3.015%
7	9.008	8.980	9.049	PV	297457	2919556	94.80%	5.054%
8	9.798	9.740	9.917	BB	281199	2976884	96.67%	5.154%
9	11.207	11.160	11.254	VV	274391	2975729	96.63%	5.152%
10	11.283	11.254	11.387	VB	252595	2893687	93.96%	5.010%
11	11.976	11.917	12.050	BB	277607	3079552	100.00%	5.331%
12	13.032	13.000	13.120	BB	261027	2967546	96.36%	5.137%
13	13.331	13.292	13.367	BV	262989	2908519	94.45%	5.035%
14	15.215	15.147	15.235	BV	222104	2776618	90.16%	4.807%
15	15.257	15.235	15.325	VB	250097	2862862	92.96%	4.956%
16	16.777	16.702	16.792	BV	198692	2696749	87.57%	4.669%
17	16.809	16.792	16.845	VV	220665	2560301	83.14%	4.432%
18	17.157	17.089	17.212	BV	209878	2599389	84.41%	4.500%
19	18.533	18.480	18.550	BV	166491	2305647	74.87%	3.992%
20	18.572	18.550	18.647	VB	203361	2654779	86.21%	4.596%
21	18.789	18.730	18.900	BB	186301	2498798	81.14%	4.326%
Sum of corrected areas:						57762783		

Aromatic EPH 092425.M Thu Sep 25 00:49:09 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016434.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 15:28
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 24 16:21:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:21:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

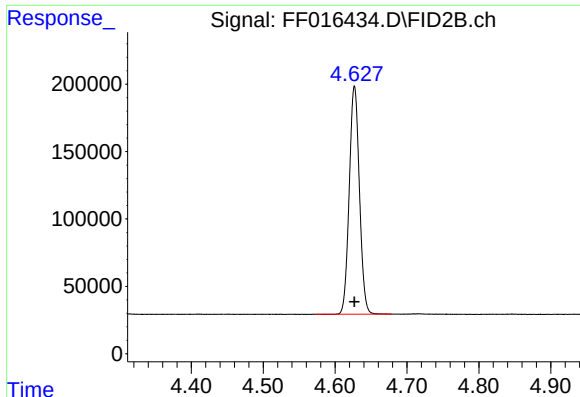
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.031	1481517	11.695 ug/ml
Spiked Amount 50.000		Recovery =	23.39%
6) S 2-Fluorobiphenyl (SURR)	8.907	988395	11.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.98%
11) S ortho-Terphenyl (SURR)	11.974	1809727	11.932 ug/ml
Spiked Amount 50.000		Recovery =	23.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.627	1662196	11.804 ug/ml
2) T Naphthalene (C11.7)	6.302	1716476	11.705 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	1742677	11.695 ug/ml
5) T Acenaphthylene (C15.06)	8.707	1714200	11.690 ug/ml
7) T Acenaphthene (C15.5)	9.007	1683417	11.615 ug/ml
8) T Flouorene (C16.55)	9.796	1736875	11.832 ug/ml
9) T Phenanthrene (C19.36)	11.204	1732603	11.805 ug/ml
10) T Anthracene (C19.43)	11.280	1733091	12.168 ug/ml
12) T Fluoranthene (C21.85)	13.029	1749056	11.979 ug/ml
13) T Pyrene (C20.8)	13.328	1709506	11.912 ug/ml
14) T Benzo[a]anthracene (C...	15.211	1649438	12.058 ug/ml
15) T Chrysene (C27.41)	15.254	1745210	12.360 ug/ml
16) T benzo[b]fluoranthene ...	16.773	1594531	12.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.804	1540396	12.301 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.153	1570961	12.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	1351251	11.733 ug/ml
20) T Dibenz[a,h]anthracene...	18.568	1619900	12.746 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	1490189	12.149 ug/ml

(f)=RT Delta > 1/2 Window

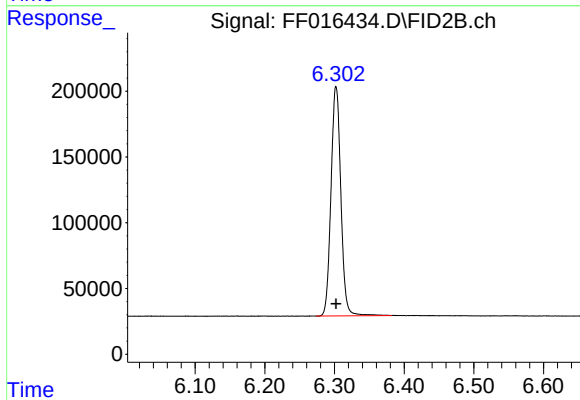
(m)=manual int.



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

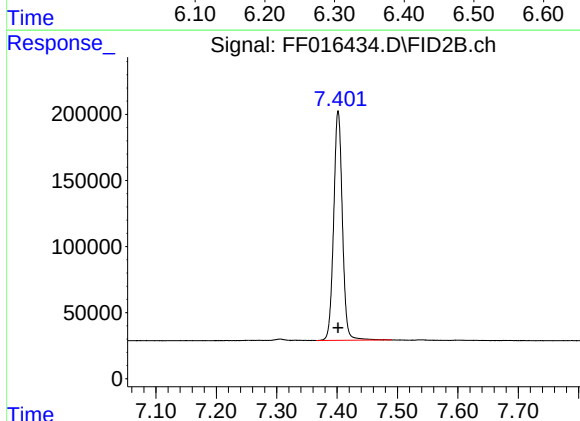
R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 1662196
Conc: 11.80 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



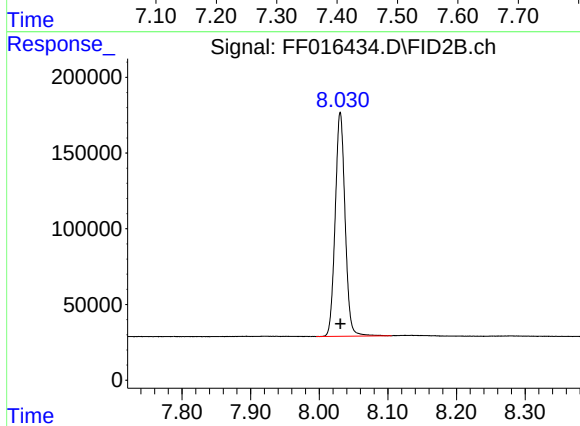
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 1716476
Conc: 11.71 ug/ml



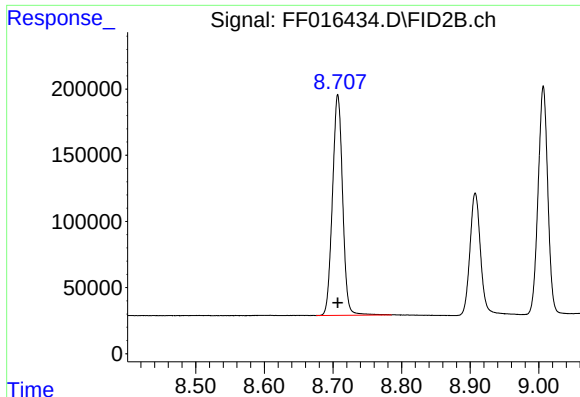
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 1742677
Conc: 11.70 ug/ml



#4 2-Bromonaphthalene (SURR)

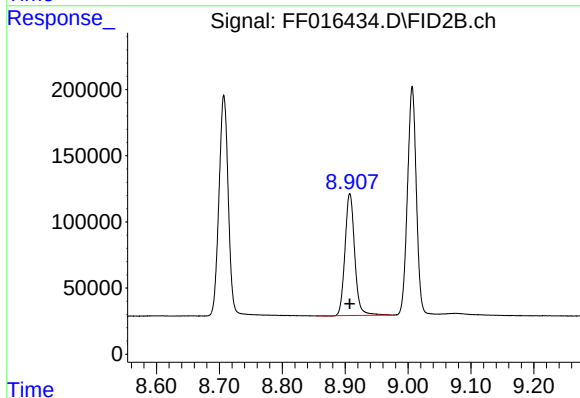
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 1481517
Conc: 11.70 ug/ml



#5 Acenaphthylene (C15.06)

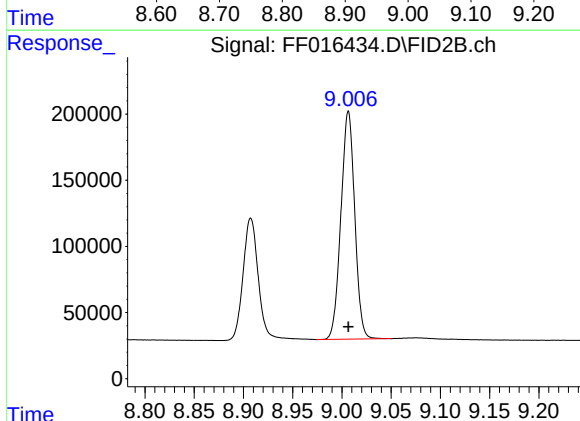
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 1714200
Conc: 11.69 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



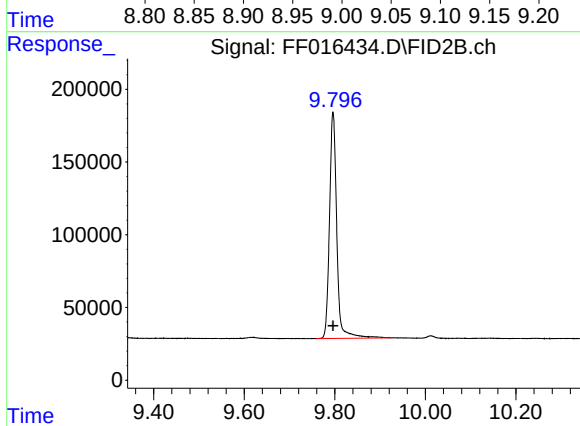
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 988395
Conc: 11.49 ug/ml



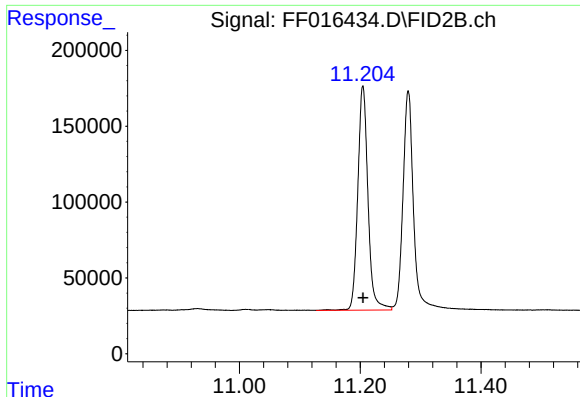
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 1683417
Conc: 11.62 ug/ml



#8 Fluorene (C16.55)

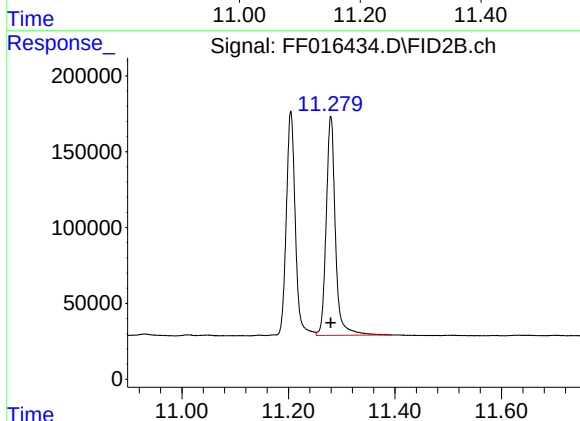
R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 1736875
Conc: 11.83 ug/ml



#9 Phenanthrene (C19.36)

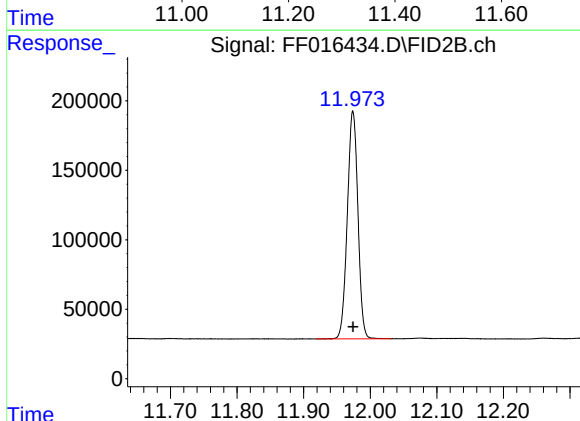
R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 1732603
Conc: 11.81 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



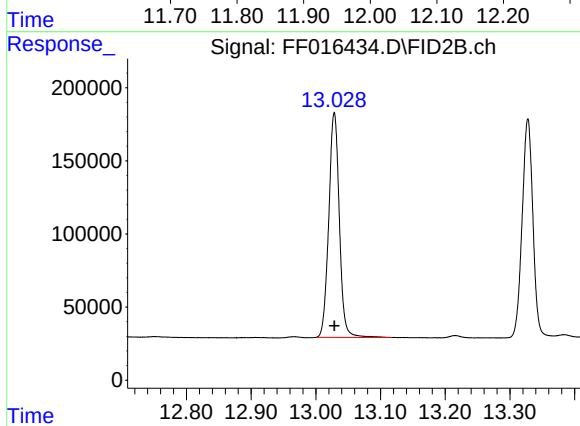
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 1733091
Conc: 12.17 ug/ml



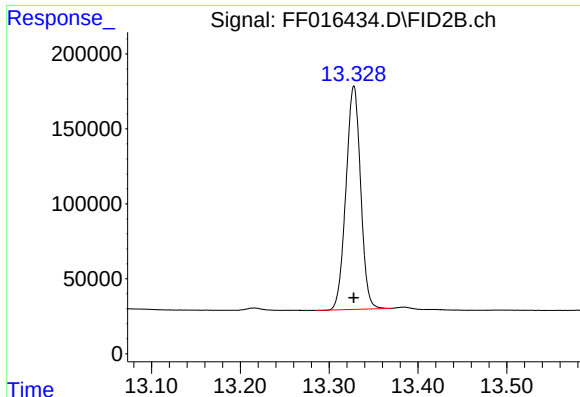
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 1809727
Conc: 11.93 ug/ml



#12 Fluoranthene (C21.85)

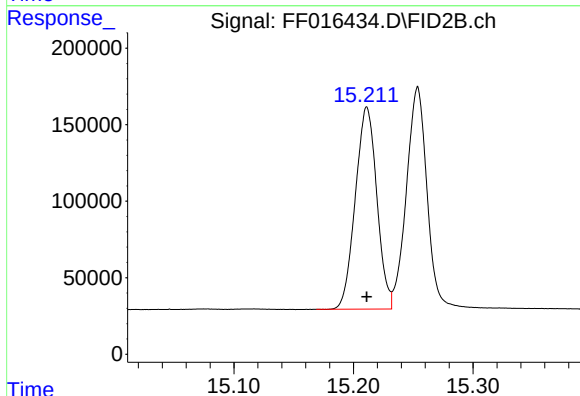
R.T.: 13.029 min
Delta R.T.: 0.000 min
Response: 1749056
Conc: 11.98 ug/ml



#13 Pyrene (C20.8)

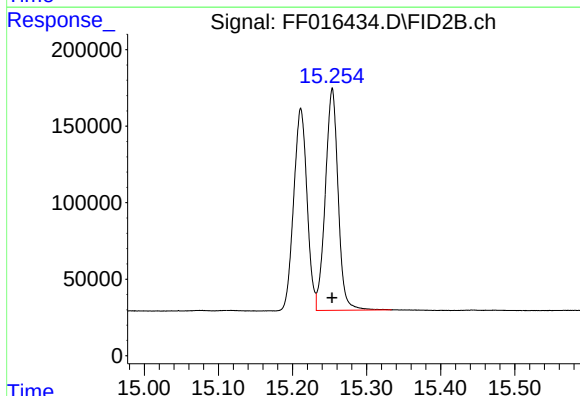
R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 1709506
Conc: 11.91 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



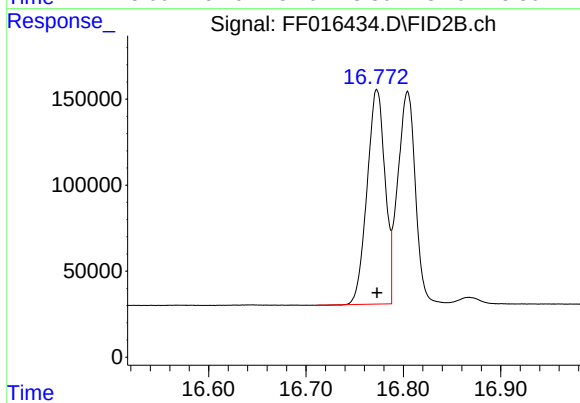
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 1649438
Conc: 12.06 ug/ml



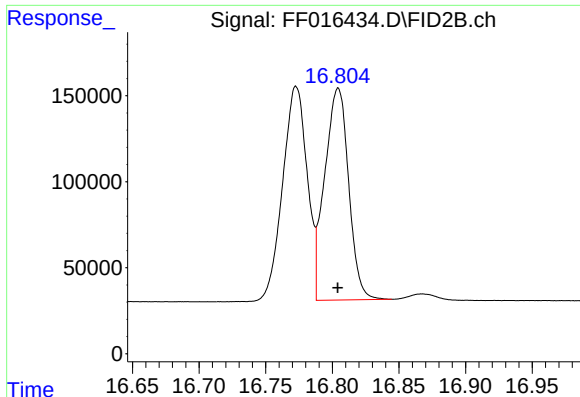
#15 Chrysene (C27.41)

R.T.: 15.254 min
Delta R.T.: 0.000 min
Response: 1745210
Conc: 12.36 ug/ml



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

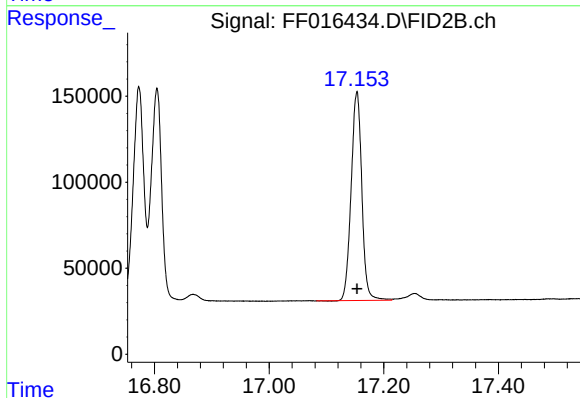
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 1594531
Conc: 12.07 ug/ml



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

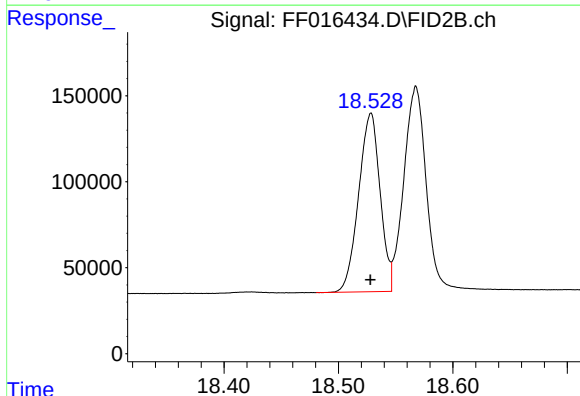
R.T.: 16.804 min
Delta R.T.: 0.000 min
Response: 1540396
Conc: 12.30 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



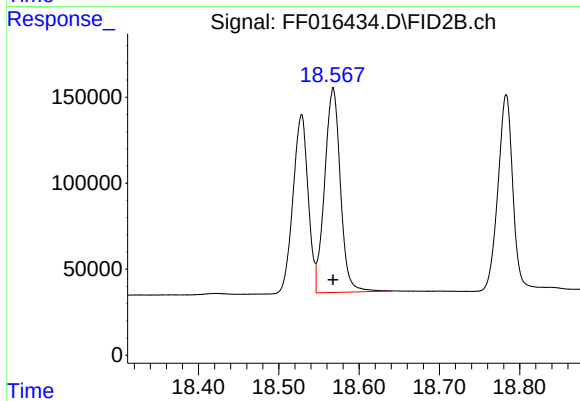
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.153 min
Delta R.T.: 0.000 min
Response: 1570961
Conc: 12.29 ug/ml



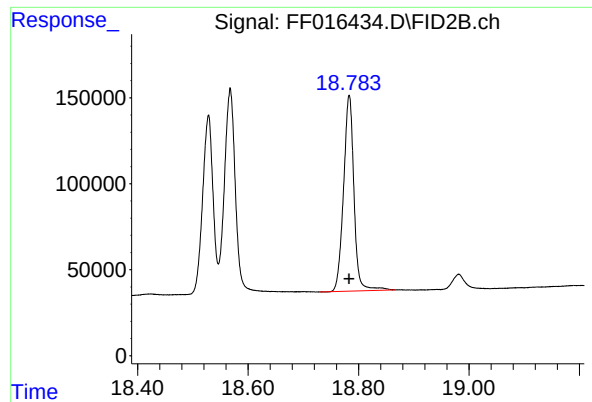
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.528 min
Delta R.T.: 0.000 min
Response: 1351251
Conc: 11.73 ug/ml



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

R.T.: 18.568 min
Delta R.T.: 0.000 min
Response: 1619900
Conc: 12.75 ug/ml



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

R.T.: 18.783 min
Delta R.T.: 0.000 min
Response: 1490189
Conc: 12.15 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016434.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 15:28
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.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	4.627	4.574	4.679	BB	169350	1662196	91.85%	4.886%
2	6.302	6.274	6.382	BB	174721	1716476	94.85%	5.045%
3	7.402	7.365	7.490	BB	173280	1742677	96.30%	5.122%
4	8.031	7.995	8.105	BB	147868	1481517	81.86%	4.355%
5	8.707	8.675	8.785	BB	166757	1714200	94.72%	5.039%
6	8.907	8.854	8.974	BV	92086	988395	54.62%	2.905%
7	9.007	8.974	9.050	PV	172736	1683417	93.02%	4.948%
8	9.796	9.759	9.925	BB	154714	1736875	95.97%	5.105%
9	11.205	11.127	11.252	BV	147894	1732603	95.74%	5.093%
10	11.280	11.252	11.394	VB	144671	1733091	95.77%	5.094%
11	11.974	11.919	12.032	BB	163952	1809727	100.00%	5.319%
12	13.029	13.000	13.117	BB	153881	1749056	96.65%	5.141%
13	13.328	13.285	13.370	BV	149122	1709506	94.46%	5.025%
14	15.211	15.169	15.232	BV	132251	1649438	91.14%	4.848%
15	15.254	15.232	15.334	VB	145331	1745210	96.44%	5.130%
16	16.773	16.710	16.788	BV	124790	1594531	88.11%	4.687%
17	16.804	16.788	16.845	VV	123152	1540396	85.12%	4.528%
18	17.153	17.082	17.214	BV	122252	1570961	86.81%	4.618%
19	18.528	18.480	18.546	BV	104420	1351251	74.67%	3.972%
20	18.568	18.546	18.640	VB	118899	1619900	89.51%	4.761%
21	18.783	18.730	18.867	BB	114223	1490189	82.34%	4.380%
Sum of corrected areas:							34021608	

Aromatic EPH 092425.M Thu Sep 25 00:49:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016435.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 15:58
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 24 16:24:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:23:45 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...	8.031	598161	4.775 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
6) S 2-Fluorobiphenyl (SURR)	8.908	388157	4.602 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.20%
11) S ortho-Terphenyl (SURR)	11.974	777849	5.102 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.624	707668	5.020 ug/ml
2) T Naphthalene (C11.7)	6.301	709232	4.868 ug/ml
3) T 2-Methylnaphthalene (...)	7.401	700376	4.757 ug/ml
5) T Acenaphthylene (C15.06)	8.706	690062	4.762 ug/ml
7) T Acenaphthene (C15.5)	9.006	686883	4.789 ug/ml
8) T Flouorene (C16.55)	9.796	675559	4.676 ug/ml
9) T Phenanthrene (C19.36)	11.204	711069	4.875 ug/ml
10) T Anthracene (C19.43)	11.279	728208	5.090 ug/ml
12) T Fluoranthene (C21.85)	13.026	730906	5.005 ug/ml
13) T Pyrene (C20.8)	13.325	712306	4.971 ug/ml
14) T Benzo[a]anthracene (C...	15.209	667130	4.901 ug/ml
15) T Chrysene (C27.41)	15.251	742138	5.203 ug/ml
16) T benzo[b]fluoranthene ...	16.769	643824	4.900 ug/ml
17) T Bnezo[k]fluoranthene ...	16.801	642318	5.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.150	635965	4.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	547710	4.803 ug/ml
20) T Dibenz[a,h]anthracene...	18.565	722079	5.531 ug/ml
21) T Benzo[g,h,i]perylene ...	18.778	625224	5.077 ug/ml

(f)=RT Delta > 1/2 Window

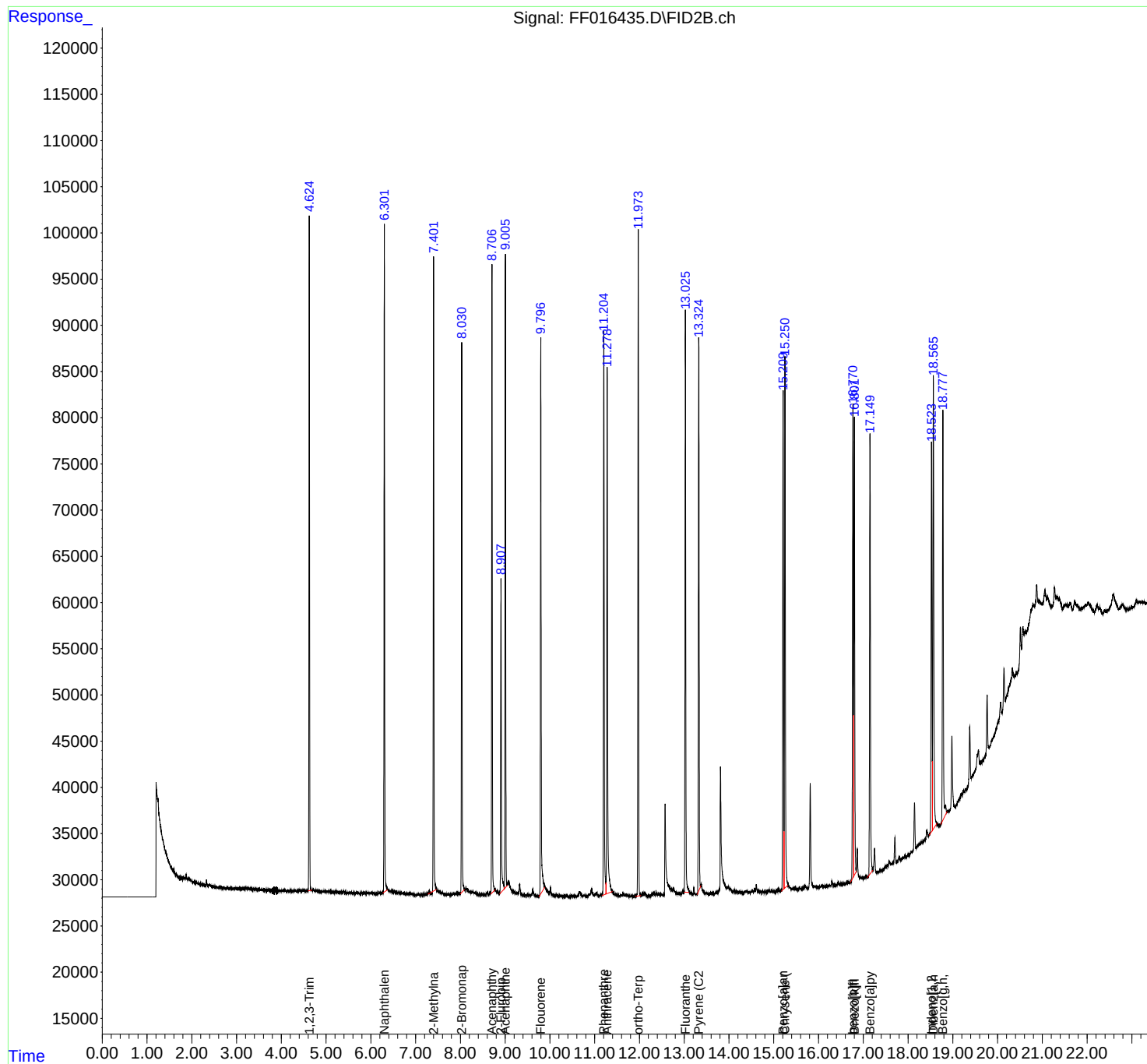
(m)=manual int.

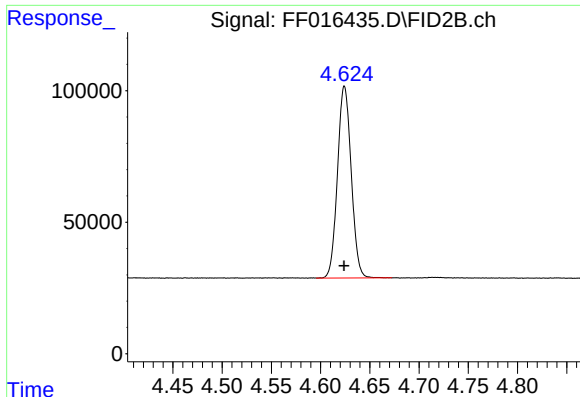
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016435.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 15:58
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 24 16:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:23:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

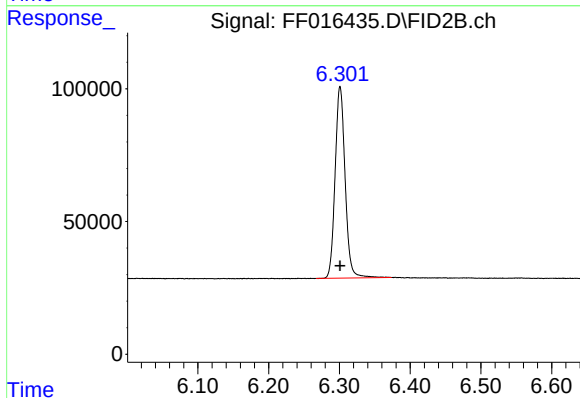




#1 1,2,3-Trimethylbenzene (C10.1)

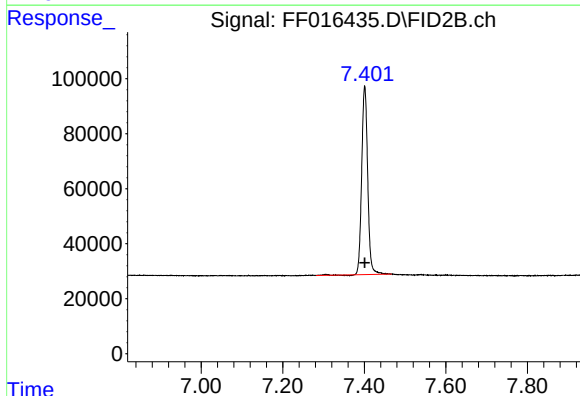
R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 707668
Conc: 5.02 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



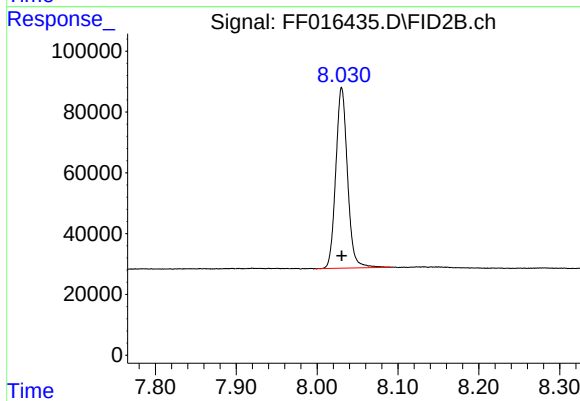
#2 Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 709232
Conc: 4.87 ug/ml



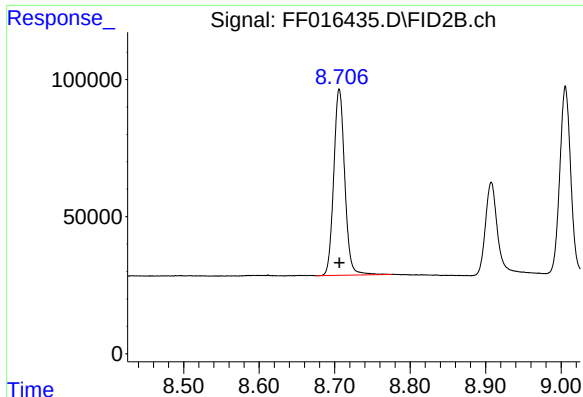
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 700376
Conc: 4.76 ug/ml



#4 2-Bromonaphthalene (SURR)

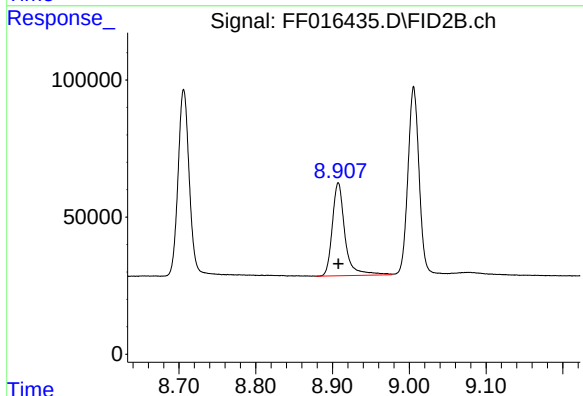
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 598161
Conc: 4.78 ug/ml



#5 Acenaphthylene (C15.06)

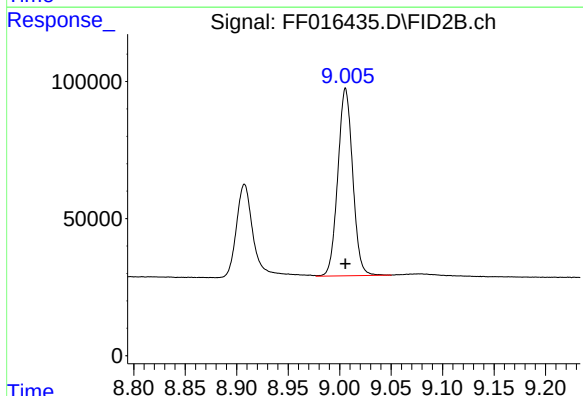
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 690062
Conc: 4.76 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



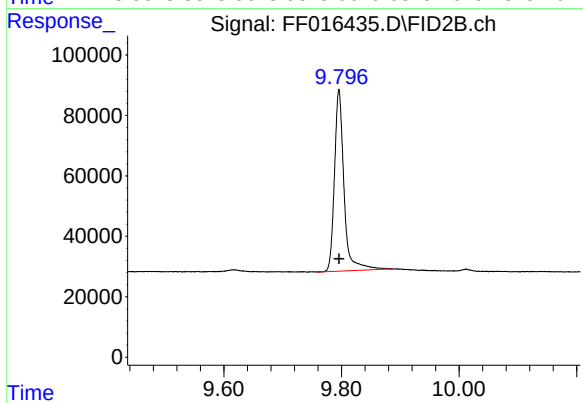
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 388157
Conc: 4.60 ug/ml



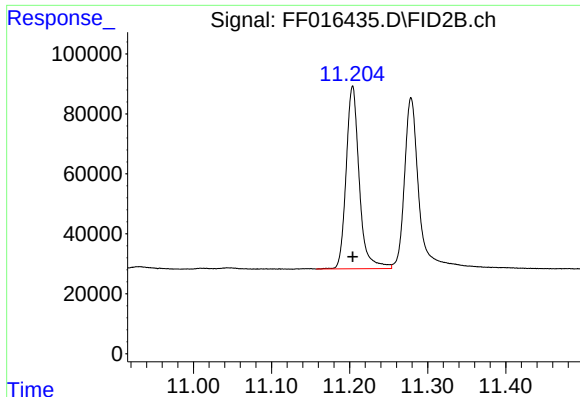
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 686883
Conc: 4.79 ug/ml



#8 Flouorene (C16.55)

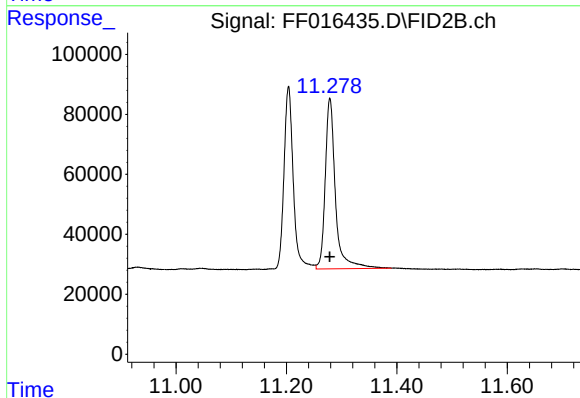
R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 675559
Conc: 4.68 ug/ml



#9 Phenanthrene (C19.36)

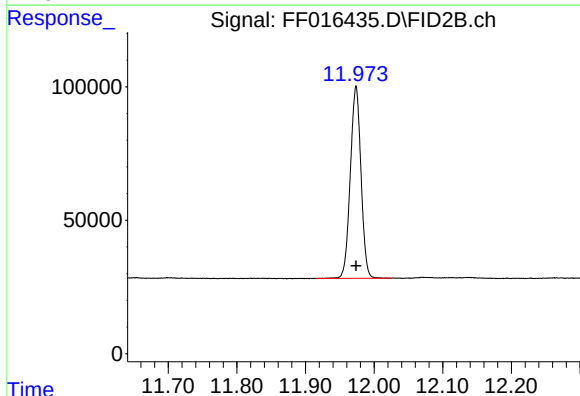
R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 711069
Conc: 4.88 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



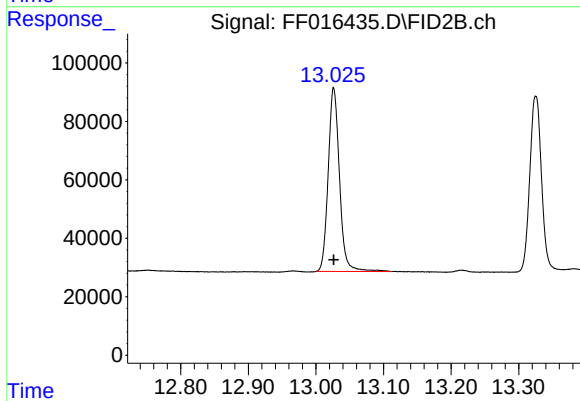
#10 Anthracene (C19.43)

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 728208
Conc: 5.09 ug/ml



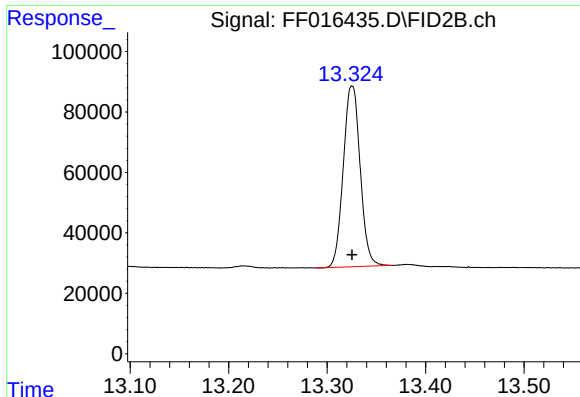
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 777849
Conc: 5.10 ug/ml



#12 Fluoranthene (C21.85)

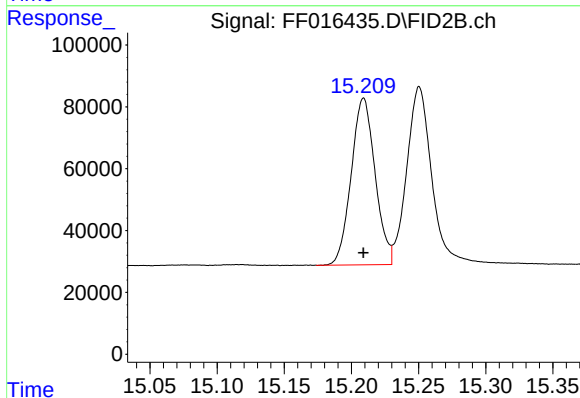
R.T.: 13.026 min
Delta R.T.: 0.000 min
Response: 730906
Conc: 5.00 ug/ml



#13 Pyrene (C20.8)

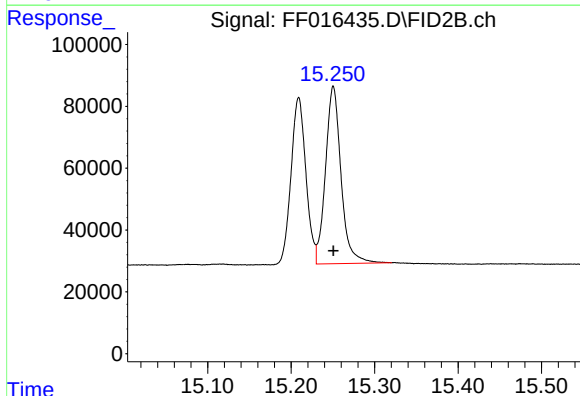
R.T.: 13.325 min
Delta R.T.: 0.000 min
Response: 712306
Conc: 4.97 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



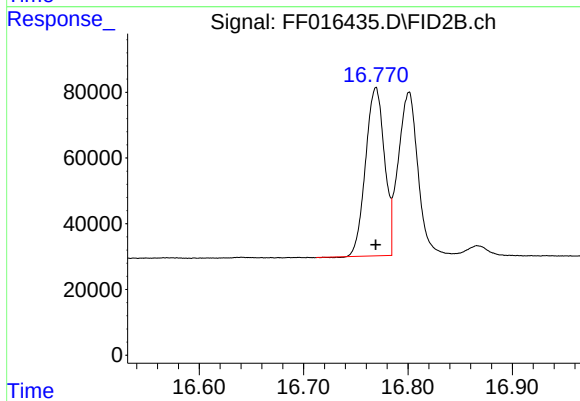
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 667130
Conc: 4.90 ug/ml



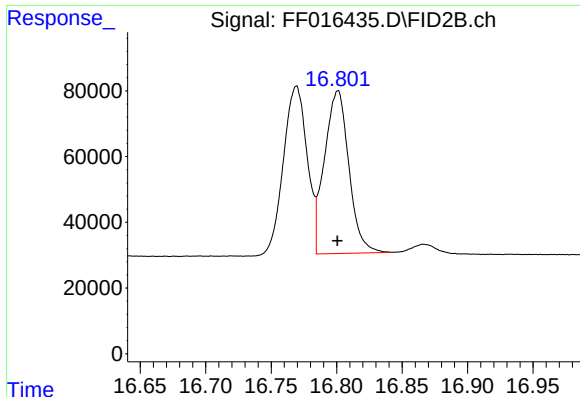
#15 Chrysene (C27.41)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 742138
Conc: 5.20 ug/ml



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

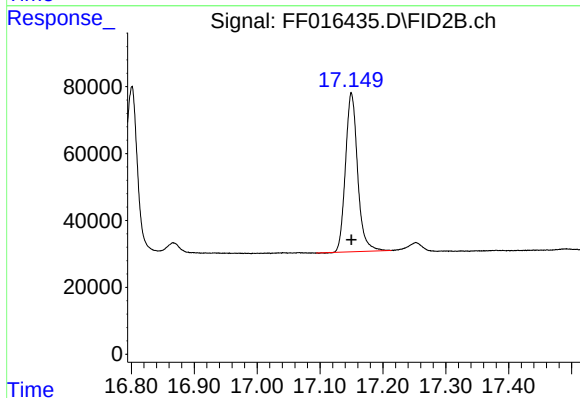
R.T.: 16.769 min
Delta R.T.: 0.000 min
Response: 643824
Conc: 4.90 ug/ml



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

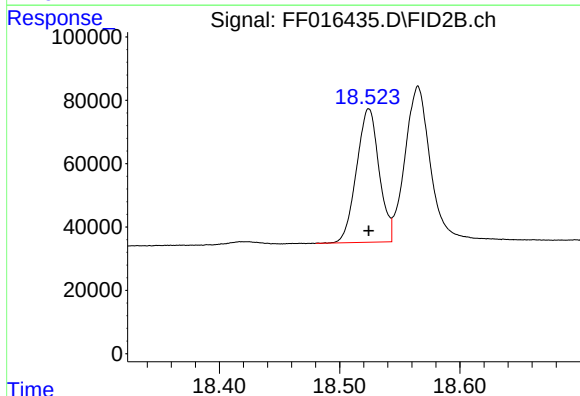
R.T.: 16.801 min
Delta R.T.: 0.000 min
Response: 642318
Conc: 5.10 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



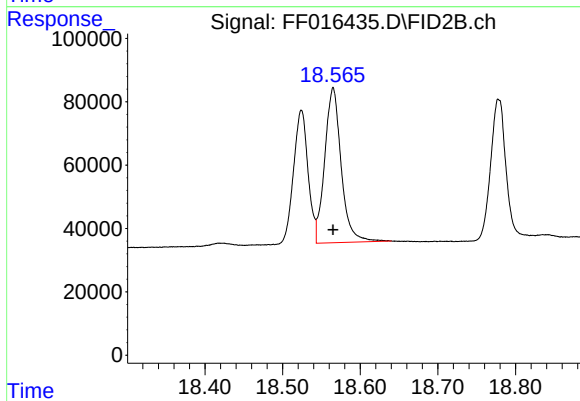
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.150 min
Delta R.T.: 0.000 min
Response: 635965
Conc: 4.98 ug/ml



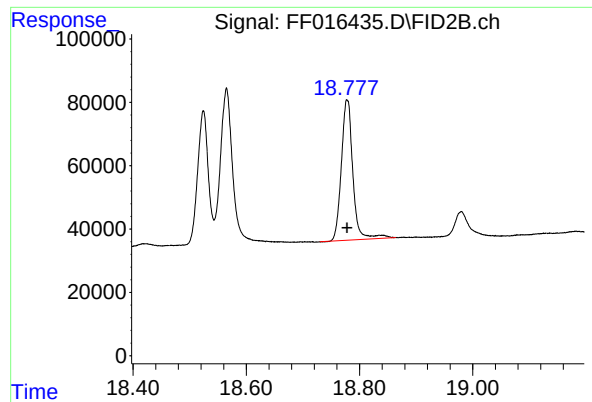
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 547710
Conc: 4.80 ug/ml



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

R.T.: 18.565 min
Delta R.T.: 0.000 min
Response: 722079
Conc: 5.53 ug/ml



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

R.T.: 18.778 min
Delta R.T.: 0.000 min
Response: 625224
Conc: 5.08 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016435.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 15:58
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.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	4.624	4.595	4.672	BB	73020	707668	90.98%	5.039%
2	6.301	6.267	6.374	BB	72230	709232	91.18%	5.050%
3	7.401	7.282	7.467	BB	68568	700376	90.04%	4.987%
4	8.031	7.999	8.092	BB	59455	598161	76.90%	4.260%
5	8.706	8.675	8.775	BB	68009	690062	88.71%	4.914%
6	8.908	8.879	8.977	BV	33968	388157	49.90%	2.764%
7	9.006	8.977	9.050	VV	68406	686883	88.31%	4.891%
8	9.796	9.757	9.885	BB	59984	675559	86.85%	4.811%
9	11.204	11.157	11.254	BV	60981	711069	91.41%	5.064%
10	11.279	11.254	11.390	VB	56945	728208	93.62%	5.186%
11	11.974	11.915	12.025	BB	72220	777849	100.00%	5.539%
12	13.026	13.000	13.112	BB	62485	730906	93.96%	5.205%
13	13.325	13.289	13.365	BV	59832	712306	91.57%	5.072%
14	15.209	15.174	15.230	BV	53965	667130	85.77%	4.751%
15	15.251	15.230	15.320	VB	57543	742138	95.41%	5.285%
16	16.769	16.712	16.784	BV	51248	643824	82.77%	4.585%
17	16.801	16.784	16.842	VV	49585	642318	82.58%	4.574%
18	17.150	17.094	17.214	BV	47387	635965	81.76%	4.529%
19	18.524	18.480	18.543	BV	42239	547710	70.41%	3.900%
20	18.565	18.543	18.640	VB	49127	722079	92.83%	5.142%
21	18.778	18.730	18.864	BB	44158	625224	80.38%	4.452%
Sum of corrected areas:						14042825		

Aromatic EPH 092425.M Thu Sep 25 00:50:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016436.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 16:28
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 24 16:38:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.030	2211521	17.654 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
6) S 2-Fluorobiphenyl (SURR)	8.907	1500863	17.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.59%
11) S ortho-Terphenyl (SURR)	11.974	2682324	17.595 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.624	2465539	17.491 ug/ml
2) T Naphthalene (C11.7)	6.301	2552694	17.523 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	2602818	17.680 ug/ml
5) T Acenaphthylene (C15.06)	8.707	2564508	17.696 ug/ml
7) T Acenaphthene (C15.5)	9.007	2527766	17.625 ug/ml
8) T Flouorene (C16.55)	9.796	2582519	17.877 ug/ml
9) T Phenanthrene (C19.36)	11.205	2584516	17.719 ug/ml
10) T Anthracene (C19.43)	11.280	2510342	17.546 ug/ml
12) T Fluoranthene (C21.85)	13.029	2578506	17.655 ug/ml
13) T Pyrene (C20.8)	13.328	2529762	17.653 ug/ml
14) T Benzo[a]anthracene (C...	15.212	2418959	17.771 ug/ml
15) T Chrysene (C27.41)	15.255	2515757	17.636 ug/ml
16) T benzo[b]fluoranthene ...	16.775	2326602	17.706 ug/ml
17) T Bnezo[k]fluoranthene ...	16.806	2231035	17.725 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.155	2275638	17.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.530	1991060	17.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.569	2262342	17.329 ug/ml
21) T Benzo[g,h,i]perylene ...	18.786	2143636	17.408 ug/ml

(f)=RT Delta > 1/2 Window

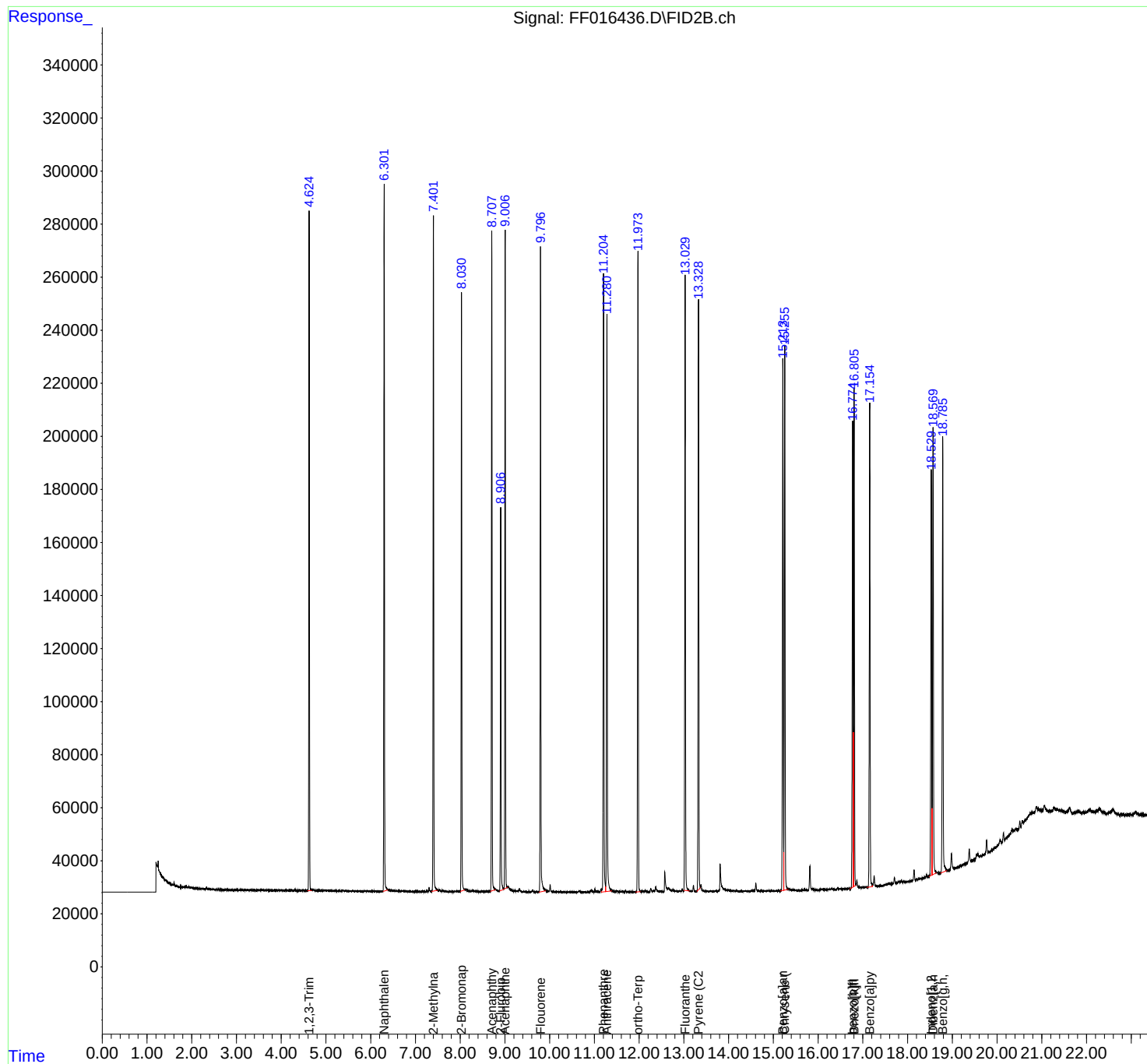
(m)=manual int.

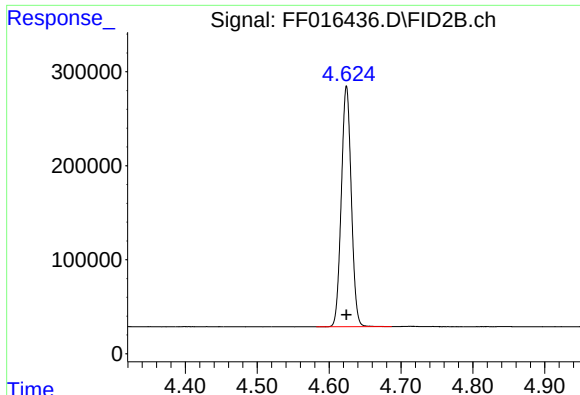
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
Data File : FF016436.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2025 16:28
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Sep 24 16:38:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 16:24:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

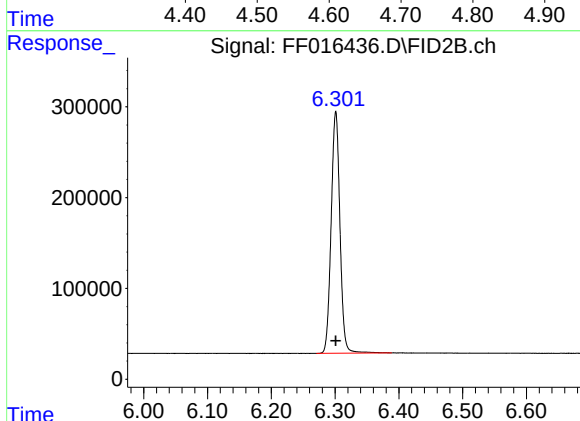




#1 1,2,3-Trimethylbenzene (C10.1)

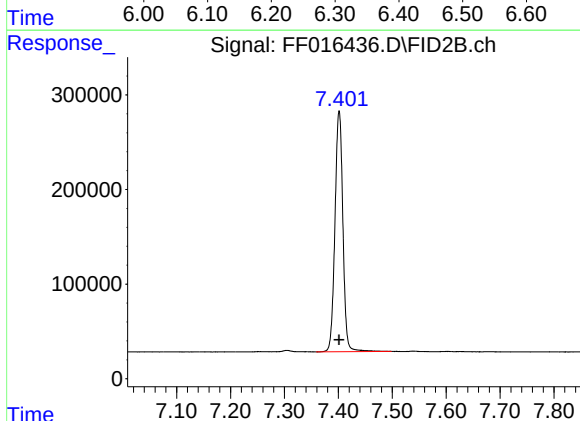
R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 2465539
Conc: 17.49 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



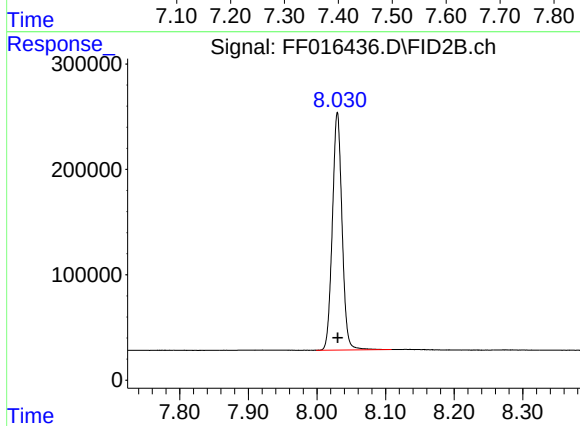
#2 Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 2552694
Conc: 17.52 ug/ml



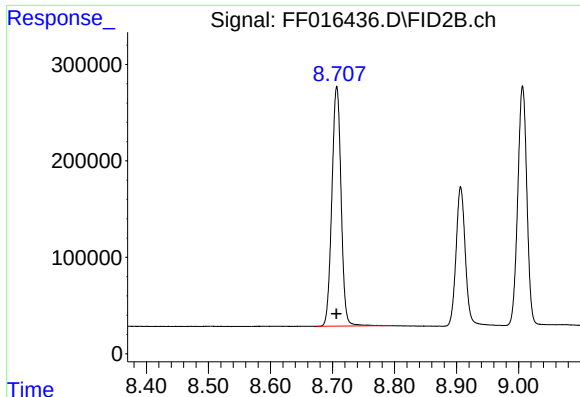
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2602818
Conc: 17.68 ug/ml



#4 2-Bromonaphthalene (SURR)

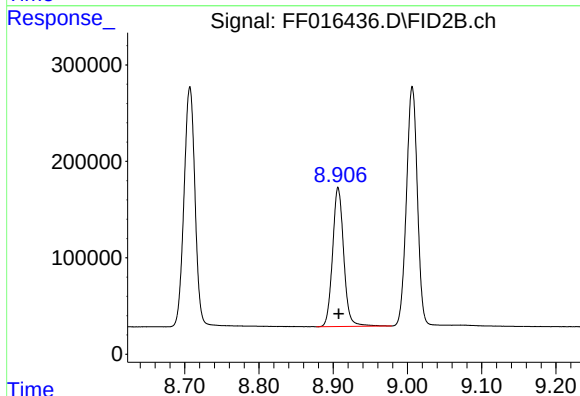
R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 2211521
Conc: 17.65 ug/ml



#5 Acenaphthylene (C15.06)

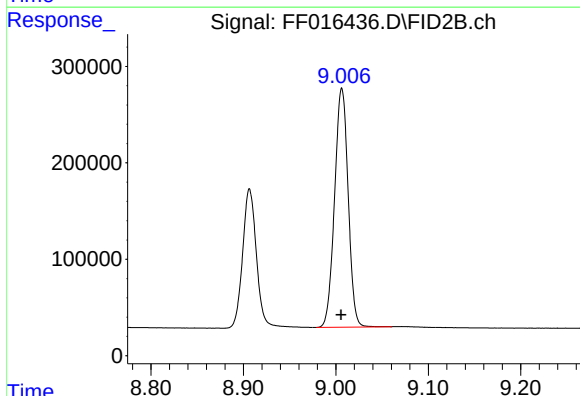
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 2564508
Conc: 17.70 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



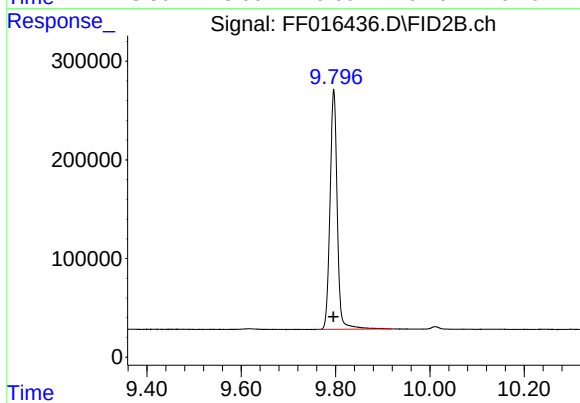
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 1500863
Conc: 17.80 ug/ml



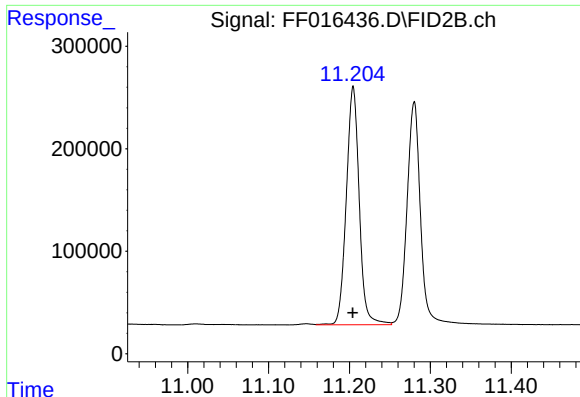
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 2527766
Conc: 17.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 2582519
Conc: 17.88 ug/ml



#9 Phenanthrene (C19.36)

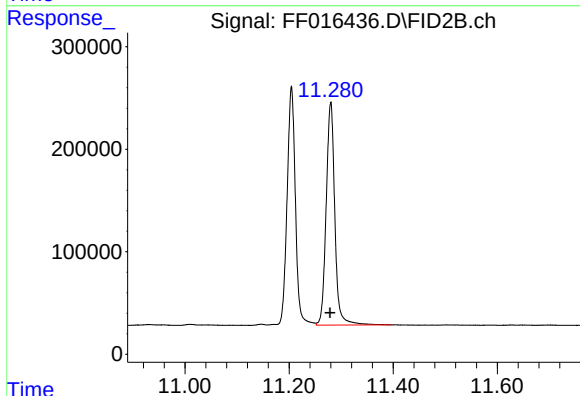
R.T.: 11.205 min
Delta R.T.: 0.000 min
Response: 2584516
Conc: 17.72 ug/ml

Instrument :

FID_F

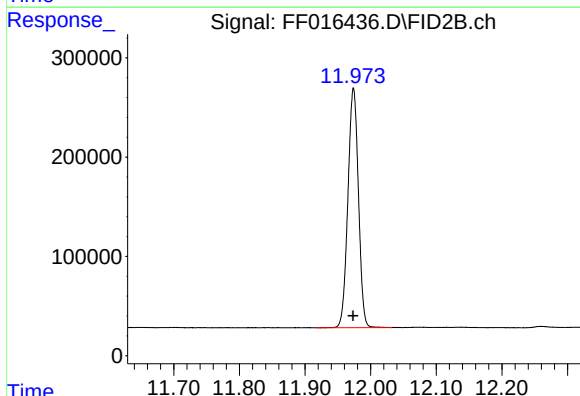
ClientSampleId :

20 PPM AROMATIC HC STD ICV



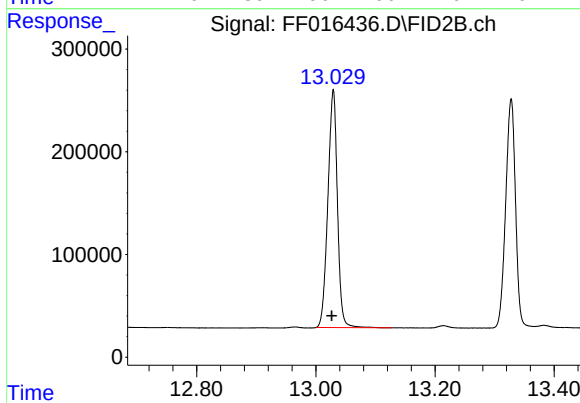
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.001 min
Response: 2510342
Conc: 17.55 ug/ml



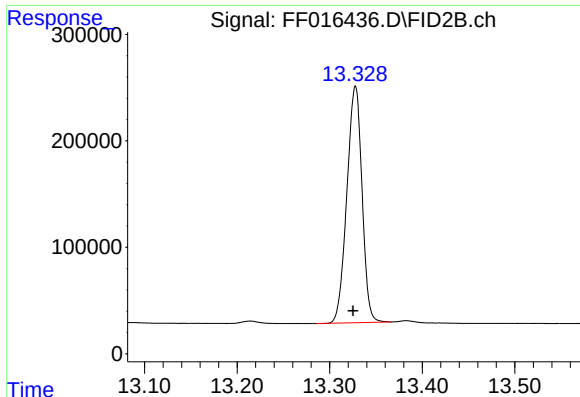
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 2682324
Conc: 17.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.029 min
Delta R.T.: 0.003 min
Response: 2578506
Conc: 17.66 ug/ml



#13 Pyrene (C20.8)

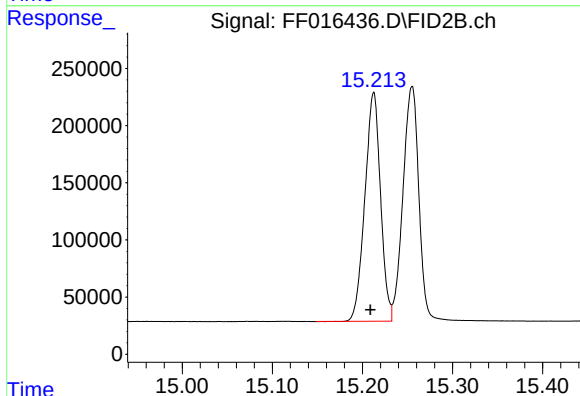
R.T.: 13.328 min
Delta R.T.: 0.002 min
Response: 2529762
Conc: 17.65 ug/ml

Instrument :

FID_F

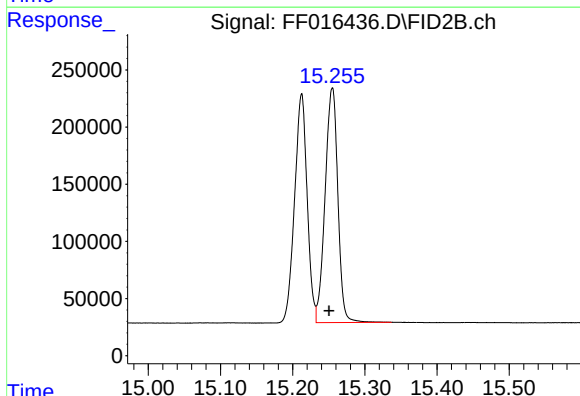
ClientSampleId :

20 PPM AROMATIC HC STD ICV



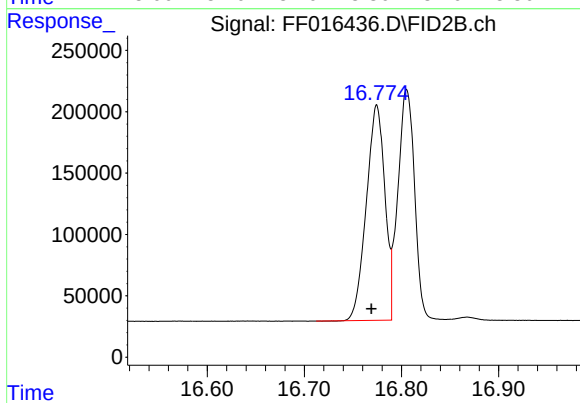
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.003 min
Response: 2418959
Conc: 17.77 ug/ml



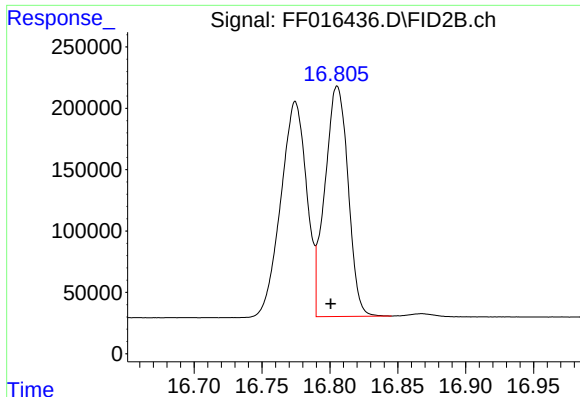
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: 0.004 min
Response: 2515757
Conc: 17.64 ug/ml



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

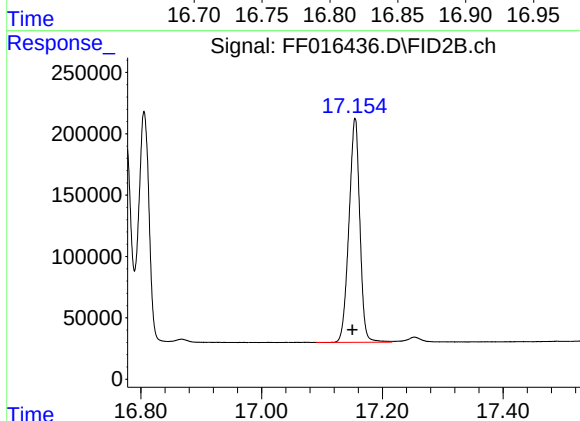
R.T.: 16.775 min
Delta R.T.: 0.005 min
Response: 2326602
Conc: 17.71 ug/ml



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

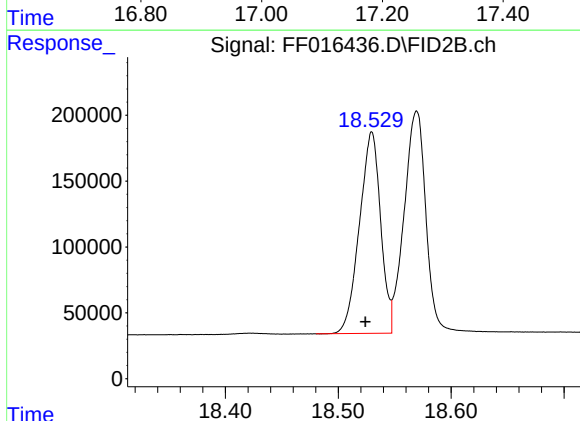
R.T.: 16.806 min
Delta R.T.: 0.005 min
Response: 2231035
Conc: 17.72 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



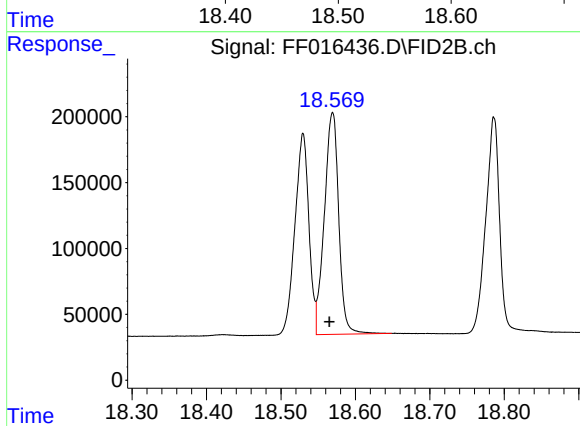
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.155 min
Delta R.T.: 0.005 min
Response: 2275638
Conc: 17.82 ug/ml



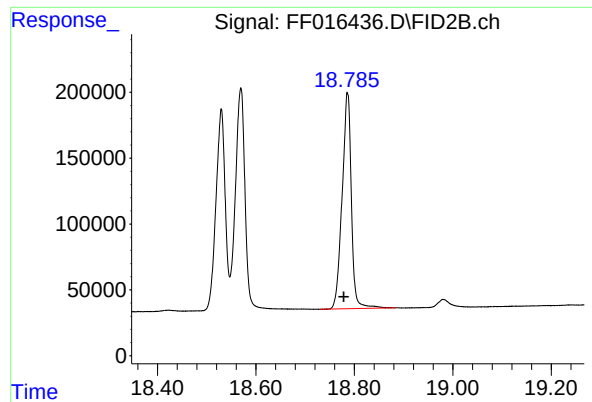
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.530 min
Delta R.T.: 0.005 min
Response: 1991060
Conc: 17.46 ug/ml



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

R.T.: 18.569 min
Delta R.T.: 0.004 min
Response: 2262342
Conc: 17.33 ug/ml



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

R.T.: 18.786 min
Delta R.T.: 0.008 min
Response: 2143636
Conc: 17.41 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016436.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 16:28
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.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	4.624	4.582	4.687	BB	256263	2465539	91.92%	4.925%
2	6.301	6.270	6.389	BB	265760	2552694	95.17%	5.099%
3	7.402	7.359	7.499	BB	255119	2602818	97.04%	5.200%
4	8.030	7.999	8.109	BB	226107	2211521	82.45%	4.418%
5	8.707	8.674	8.795	BB	248902	2564508	95.61%	5.123%
6	8.907	8.877	8.979	BV	143827	1500863	55.95%	2.998%
7	9.007	8.979	9.060	PB	247900	2527766	94.24%	5.050%
8	9.796	9.759	9.919	BB	242350	2582519	96.28%	5.159%
9	11.205	11.159	11.252	VV	232731	2584516	96.35%	5.163%
10	11.280	11.252	11.397	VB	218381	2510342	93.59%	5.015%
11	11.974	11.917	12.032	BB	241602	2682324	100.00%	5.358%
12	13.029	13.000	13.127	BB	231659	2578506	96.13%	5.151%
13	13.328	13.285	13.367	BV	222080	2529762	94.31%	5.054%
14	15.212	15.149	15.233	BV	200219	2418959	90.18%	4.832%
15	15.255	15.233	15.337	VB	206058	2515757	93.79%	5.026%
16	16.775	16.712	16.790	BV	175645	2326602	86.74%	4.648%
17	16.806	16.790	16.845	VV	187634	2231035	83.18%	4.457%
18	17.155	17.090	17.215	BV	183061	2275638	84.84%	4.546%
19	18.530	18.480	18.547	BV	153075	1991060	74.23%	3.977%
20	18.569	18.547	18.649	VB	168371	2262342	84.34%	4.519%
21	18.786	18.730	18.884	BB	164788	2143636	79.92%	4.282%
Sum of corrected areas:						50058705		

Aromatic EPH 092425.M Thu Sep 25 00:51:20 2025