

Initial Calibration Report for SequenceID : FF102925AR

AreaCount

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	24131913.000	13386713.000	5040685.000	2667636.000	1458921.000	
Aromatic C12-C16	37802464.000	20995951.000	7841716.000	4071240.000	2151729.000	
Aromatic C16-C21	49515248.000	27355440.000	10200929.000	5383694.000	2920927.000	
Aromatic C21-C36	93883793.000	53603904.000	20060725.000	10856127.000	5977071.000	
Aromatic EPH	205333418.000	115342008.000	43144055.000	22978697.000	12508648.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	131963.544	7.217				
Aromatic C12-C16	135166.617333	5.177				
Aromatic C16-C21	133743.1265	6.467				
Aromatic C21-C36	117666.2035552	9.089				
Aromatic EPH	125744.1821106	7.5				

Concentration

Parameter Range	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.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	FF016615.D	FF016612.D	FF016613.D	FF016614.D	FF016616.D	
Aromatic C10-C12	120659.565000	133867.130000	126017.125000	133381.800000	145892.100000	
Aromatic C12-C16	126008.213333	139973.006666	130695.266666	135708.000000	143448.600000	
Aromatic C16-C21	123788.120000	136777.200000	127511.612500	134592.350000	146046.350000	
Aromatic C21-C36	104315.325555	119119.786666	111448.472222	120623.633333	132823.800000	
Aromatic EPH	114074.121111	128157.786666	119844.597222	127659.427777	138984.977777	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016612.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 15:04
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 29 15:55:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:51:42 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...	8.017	5987561	52.255 ug/ml
Spiked Amount 50.000		Recovery =	104.51%
6) S 2-Fluorobiphenyl (SURR)	8.893	4035516	53.378 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.76%
11) S ortho-Terphenyl (SURR)	11.962	7245778	51.186 ug/ml
Spiked Amount 50.000		Recovery =	102.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	6543360	51.154 ug/ml
2) T Naphthalene (C11.7)	6.287	6843353	51.856 ug/ml
3) T 2-Methylnaphthalene (...)	7.388	6955435	51.758 ug/ml
5) T Acenaphthylene (C15.06)	8.694	6984740	51.897 ug/ml
7) T Acenaphthene (C15.5)	8.994	7055776	51.491 ug/ml
8) T Flouorene (C16.55)	9.784	6979677	52.782 ug/ml
9) T Phenanthrene (C19.36)	11.192	6933100	52.348 ug/ml
10) T Anthracene (C19.43)	11.268	6604049	50.849 ug/ml
12) T Fluoranthene (C21.85)	13.018	6975807	51.676 ug/ml
13) T Pyrene (C20.8)	13.316	6838614	51.026 ug/ml
14) T Benzo[a]anthracene (C...	15.202	6241470	53.055 ug/ml
15) T Chrysene (C27.41)	15.246	6734759	50.148 ug/ml
16) T benzo[b]fluoranthene ...	16.766	5979248	52.747 ug/ml
17) T Bnezo[k]fluoranthene ...	16.800	5820471	50.127 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.148	5675030	51.926 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	4821591	54.464 ug/ml
20) T Dibenz[a,h]anthracene...	18.563	5987921	49.889 ug/ml
21) T Benzo[g,h,i]perylene ...	18.782	5367607	51.955 ug/ml

(f)=RT Delta > 1/2 Window

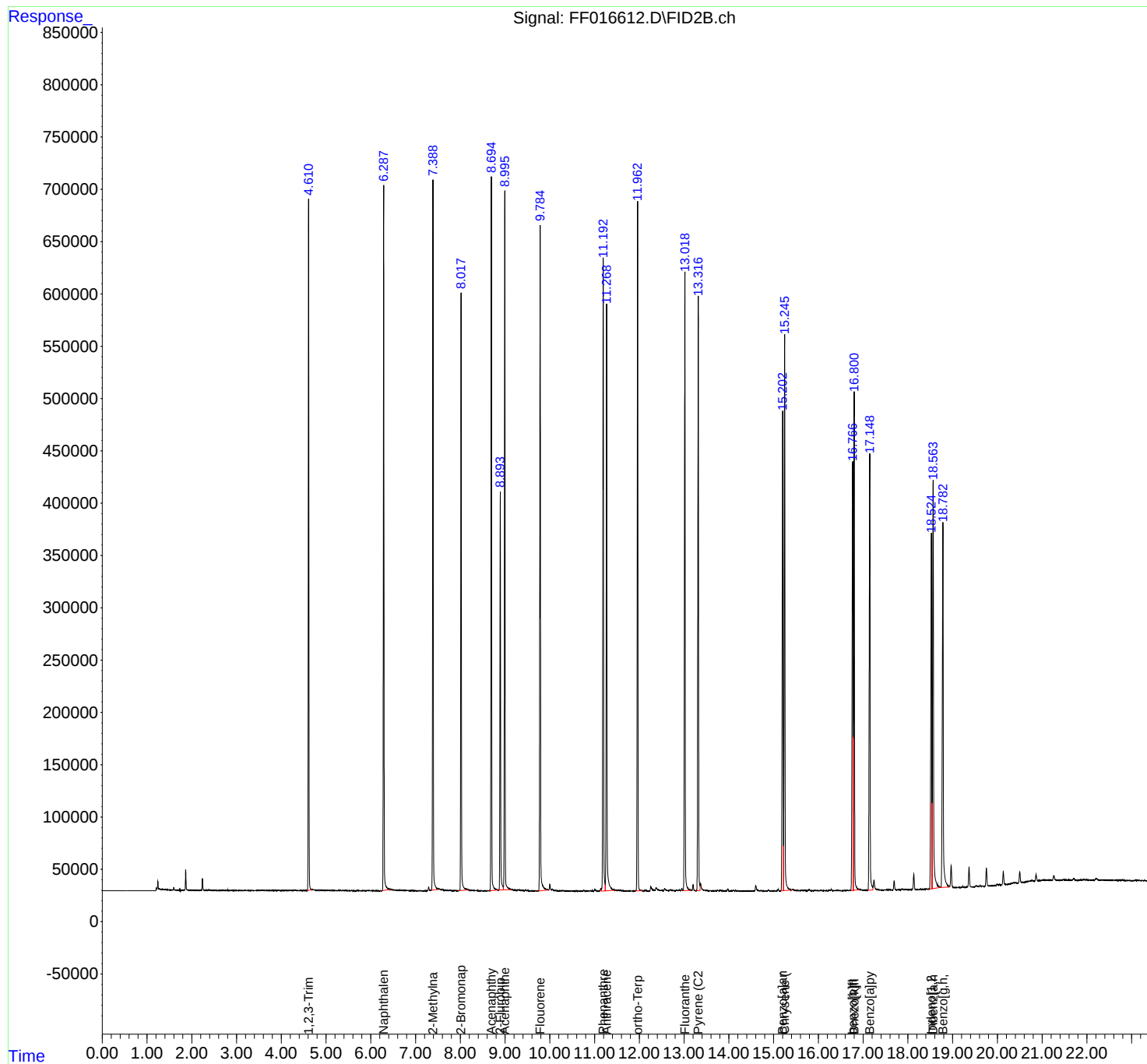
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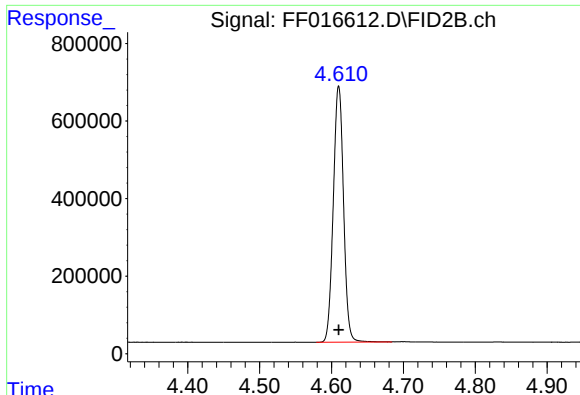
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Data File : FF016612.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:04
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 29 15:55:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:51:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

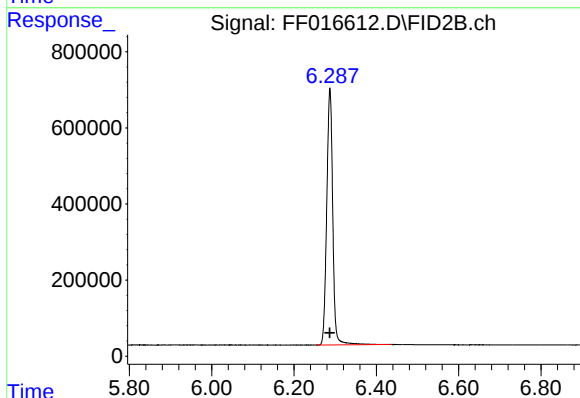




#1 1,2,3-Trimethylbenzene (C10.1)

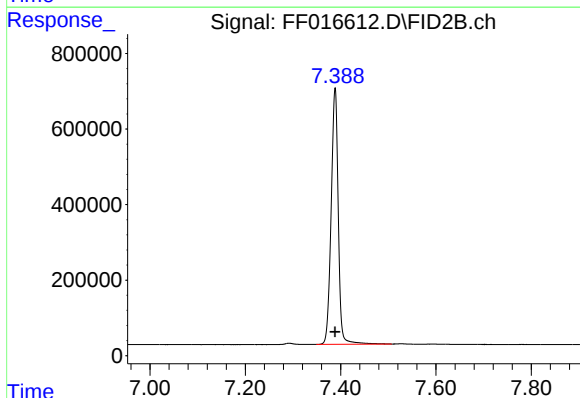
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 6543360
Conc: 51.15 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



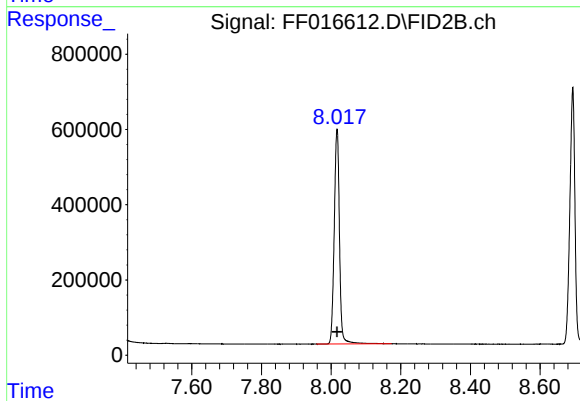
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 6843353
Conc: 51.86 ug/ml



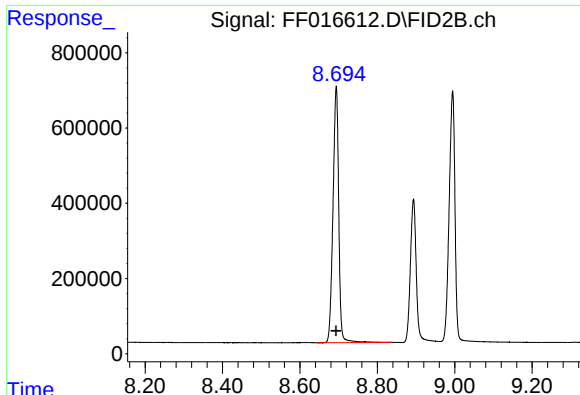
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 6955435
Conc: 51.76 ug/ml



#4 2-Bromonaphthalene (SURR)

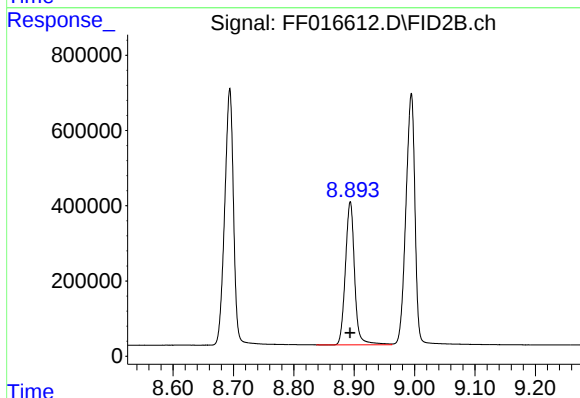
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 5987561
Conc: 52.25 ug/ml



#5 Acenaphthylene (C15.06)

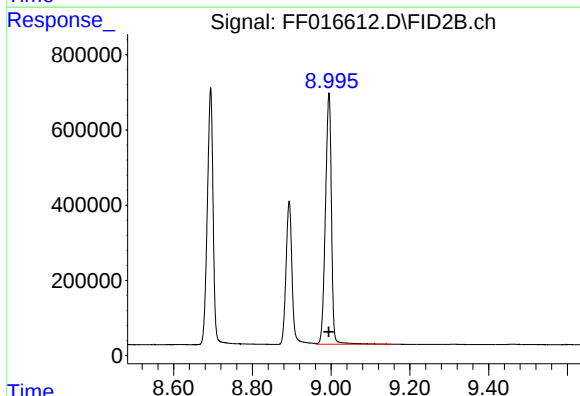
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 6984740
Conc: 51.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



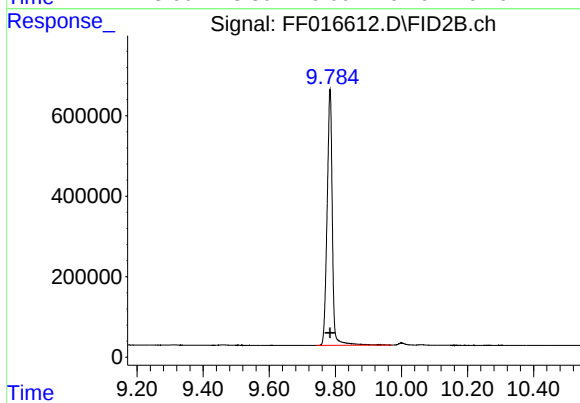
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 4035516
Conc: 53.38 ug/ml



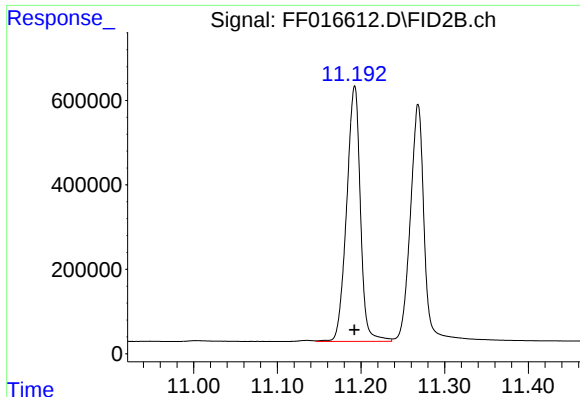
#7 Acenaphthene (C15.5)

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 7055776
Conc: 51.49 ug/ml



#8 Flouorene (C16.55)

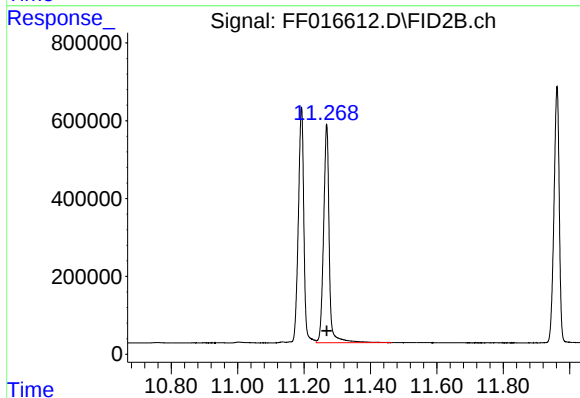
R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 6979677
Conc: 52.78 ug/ml



#9 Phenanthrene (C19.36)

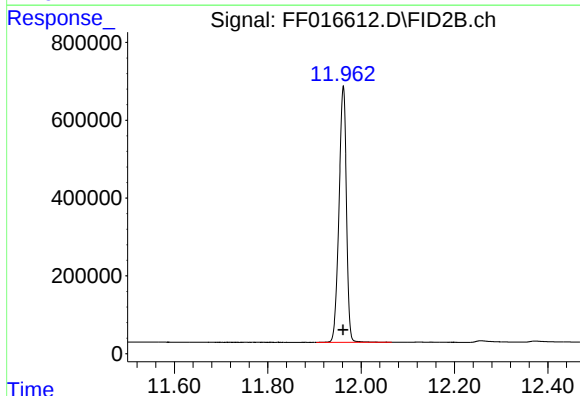
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 6933100
Conc: 52.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



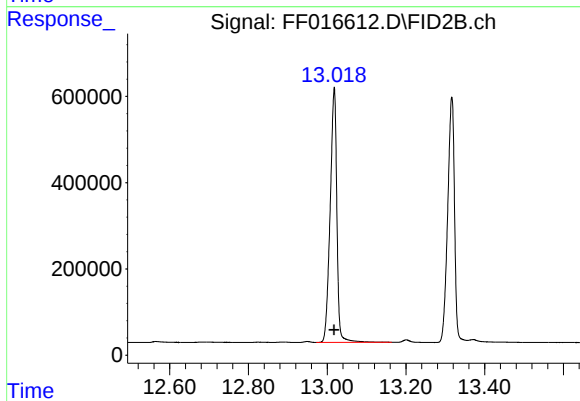
#10 Anthracene (C19.43)

R.T.: 11.268 min
Delta R.T.: 0.000 min
Response: 6604049
Conc: 50.85 ug/ml



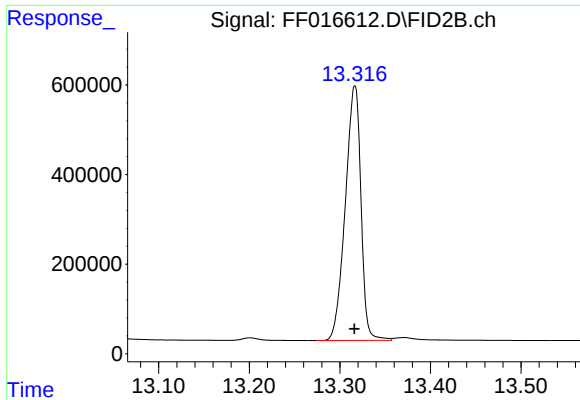
#11 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: 0.000 min
Response: 7245778
Conc: 51.19 ug/ml



#12 Fluoranthene (C21.85)

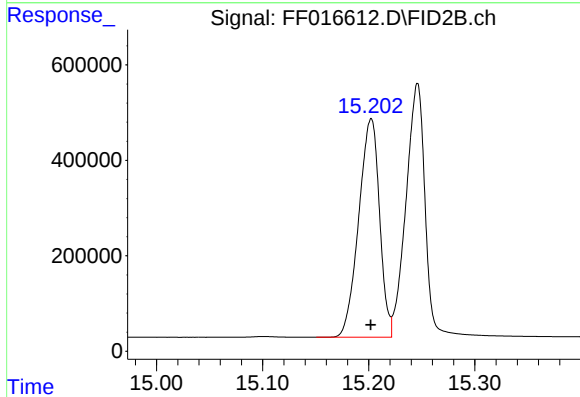
R.T.: 13.018 min
Delta R.T.: 0.000 min
Response: 6975807
Conc: 51.68 ug/ml



#13 Pyrene (C20.8)

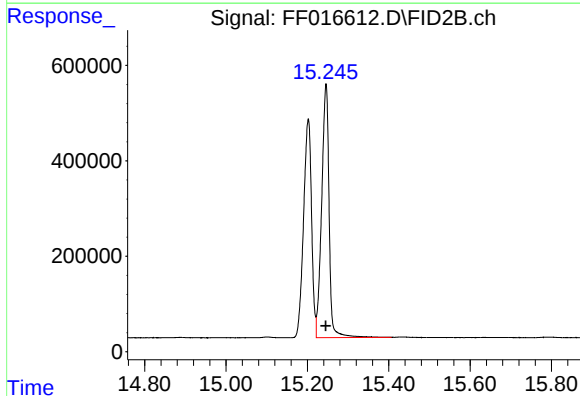
R.T.: 13.316 min
Delta R.T.: 0.000 min
Response: 6838614
Conc: 51.03 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



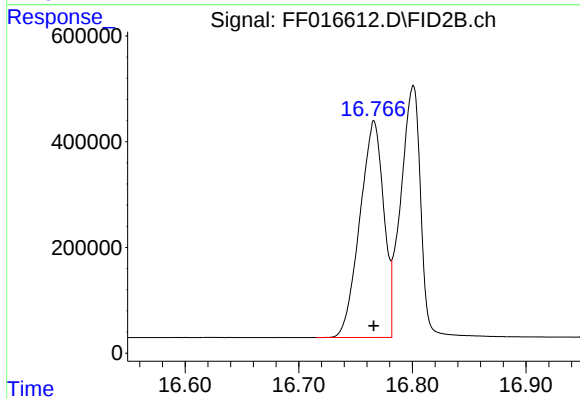
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 6241470
Conc: 53.05 ug/ml



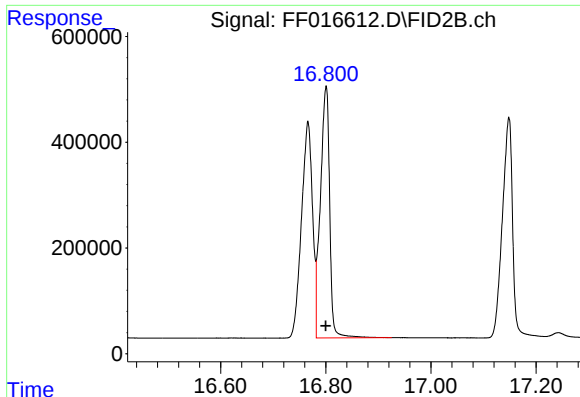
#15 Chrysene (C27.41)

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 6734759
Conc: 50.15 ug/ml



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

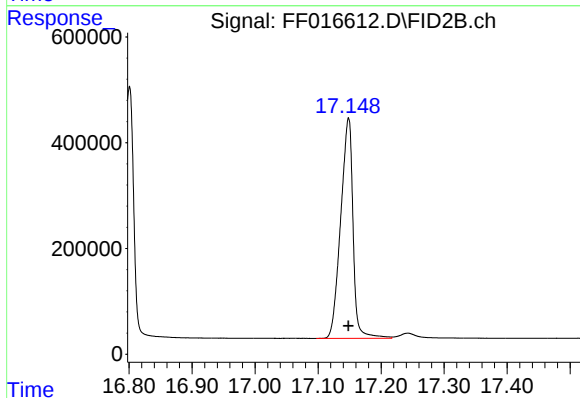
R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 5979248
Conc: 52.75 ug/ml



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

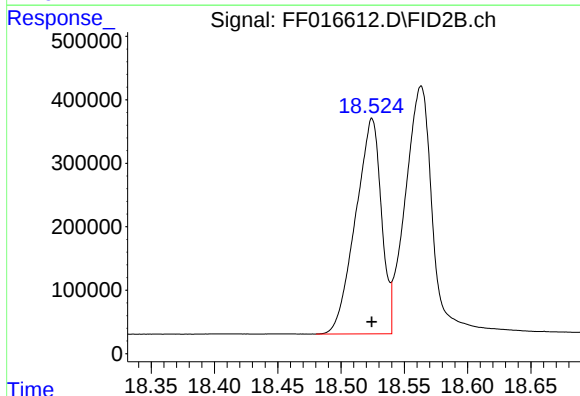
R.T.: 16.800 min
Delta R.T.: 0.000 min
Response: 5820471
Conc: 50.13 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



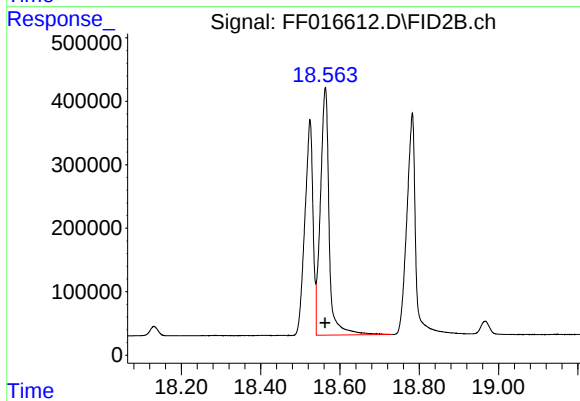
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.148 min
Delta R.T.: 0.000 min
Response: 5675030
Conc: 51.93 ug/ml



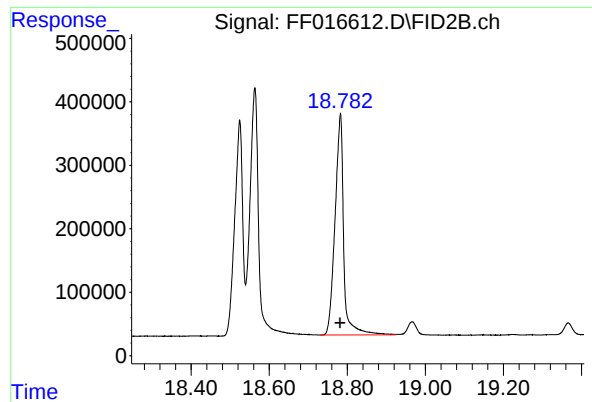
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 4821591
Conc: 54.46 ug/ml



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

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 5987921
Conc: 49.89 ug/ml



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

R.T.: 18.782 min
Delta R.T.: 0.000 min
Response: 5367607
Conc: 51.95 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016612.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:04
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 42 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.610	4.579	4.684	BV	660667	6543360	90.31%	4.934%
2	6.287	6.254	6.437	BB	673679	6843353	94.45%	5.160%
3	7.388	7.349	7.507	BV	682162	6955435	95.99%	5.245%
4	8.017	7.957	8.174	BB	572388	5987561	82.64%	4.515%
5	8.694	8.642	8.837	BB	681761	6984740	96.40%	5.267%
6	8.893	8.837	8.962	BV	381555	4035516	55.69%	3.043%
7	8.994	8.962	9.154	VB	665785	7055776	97.38%	5.321%
8	9.784	9.742	9.970	BB	636515	6979677	96.33%	5.263%
9	11.192	11.146	11.237	VV	606132	6933100	95.68%	5.228%
10	11.268	11.237	11.464	VB	562925	6604049	91.14%	4.980%
11	11.962	11.904	12.065	BB	660682	7245778	100.00%	5.464%
12	13.018	12.972	13.164	PB	586875	6975807	96.27%	5.260%
13	13.316	13.274	13.357	BV	569900	6838614	94.38%	5.157%
14	15.202	15.150	15.222	BV	458349	6241470	86.14%	4.707%
15	15.246	15.222	15.407	VB	533186	6734759	92.95%	5.079%
16	16.766	16.715	16.782	BV	410190	5979248	82.52%	4.509%
17	16.800	16.782	16.925	VB	476452	5820471	80.33%	4.389%
18	17.148	17.097	17.217	BV	415271	5675030	78.32%	4.279%
19	18.524	18.480	18.540	BV	340017	4821591	66.54%	3.636%
20	18.563	18.540	18.730	VBA	390013	5987921	82.64%	4.515%
21	18.782	18.730	18.924	BV	348690	5367607	74.08%	4.048%
Sum of corrected areas:						132610862		

Aromatic EPH 102925.M Thu Oct 30 03:45:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016613.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 15:34
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 29 15:52:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:51:42 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...	8.015	2188328	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.892	1409920	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.958	2764019	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2499255	20.000 ug/ml
2) T Naphthalene (C11.7)	6.286	2541430	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	2593205	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.691	2589687	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.990	2658824	20.000 ug/ml
8) T Flouorene (C16.55)	9.780	2497592	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.188	2524485	20.000 ug/ml
10) T Anthracene (C19.43)	11.263	2553370	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.012	2609311	20.000 ug/ml
13) T Pyrene (C20.8)	13.310	2625482	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2209088	20.000 ug/ml
15) T Chrysene (C27.41)	15.237	2678032	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.758	2142581	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	2316361	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	2101637	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1612453	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2405800	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	1985462	20.000 ug/ml

(f)=RT Delta > 1/2 Window

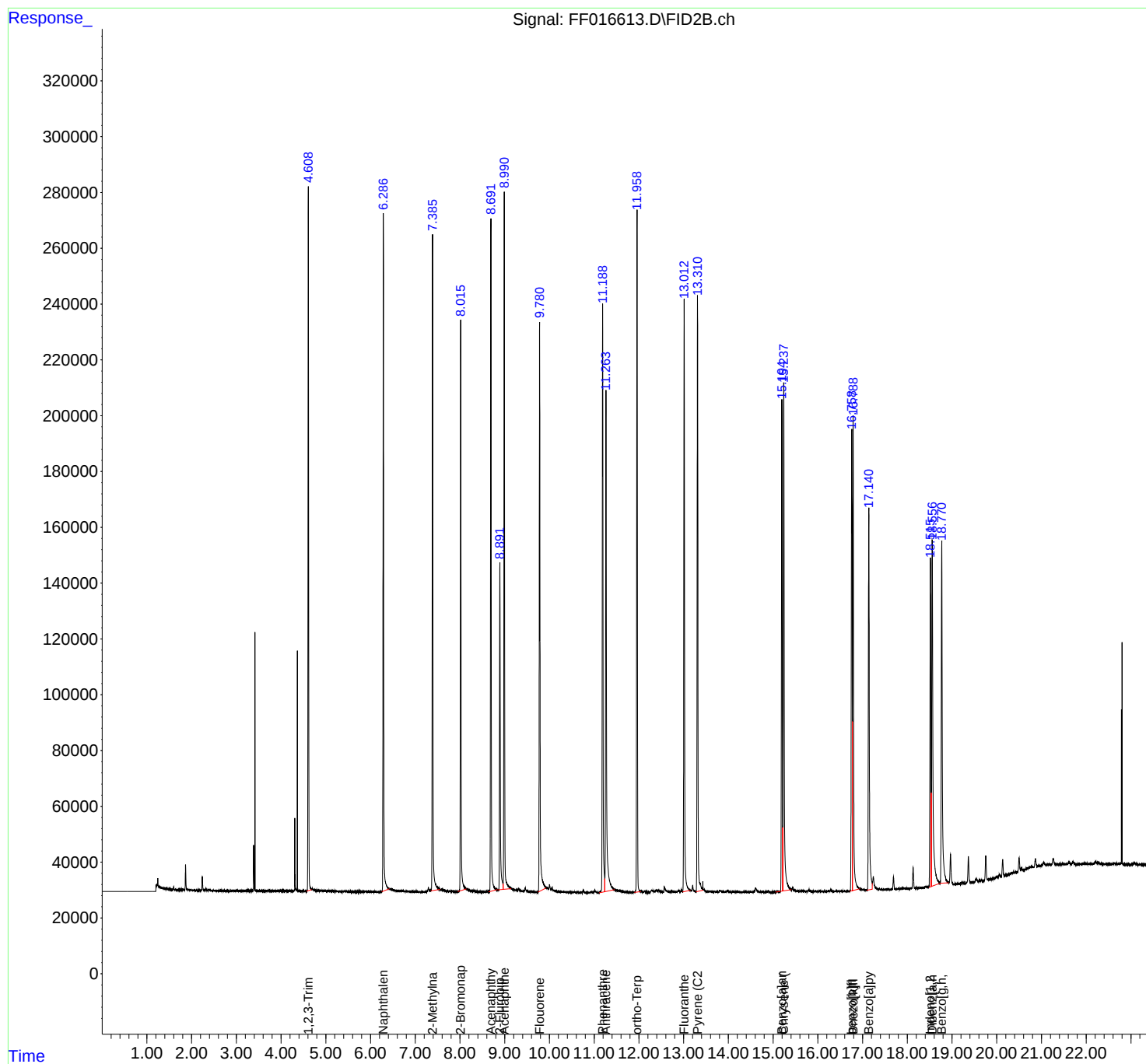
(m)=manual int.

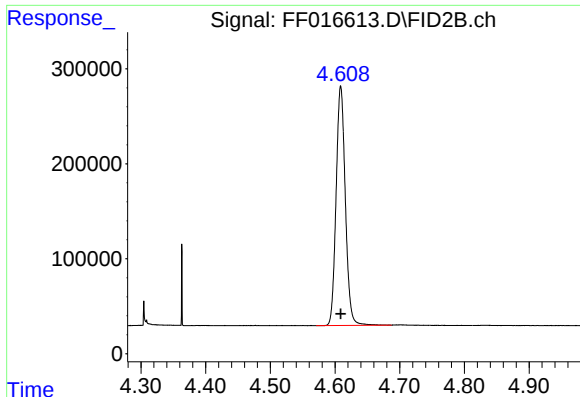
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016613.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:34
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 29 15:52:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:51:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

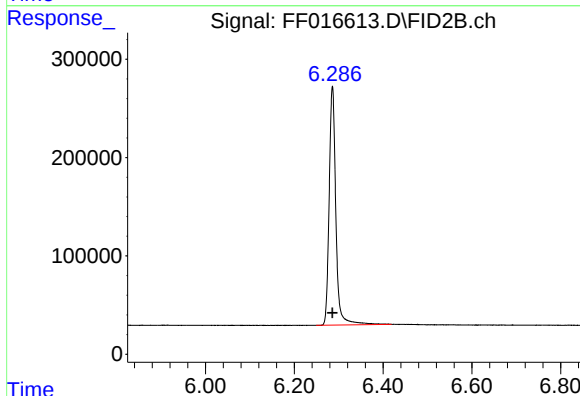




#1 1,2,3-Trimethylbenzene (C10.1)

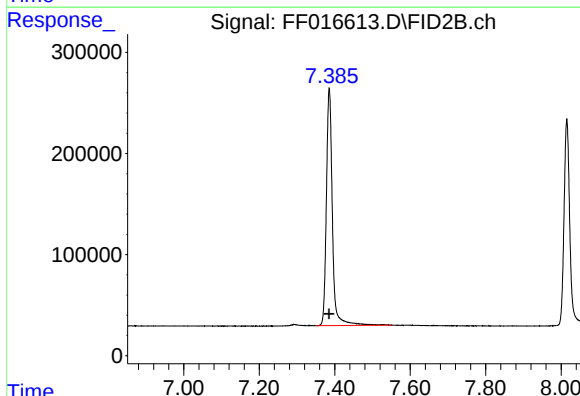
R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 2499255
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



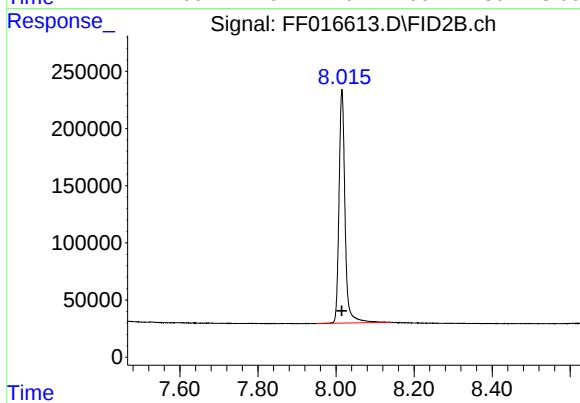
#2 Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 2541430
Conc: 20.00 ug/ml



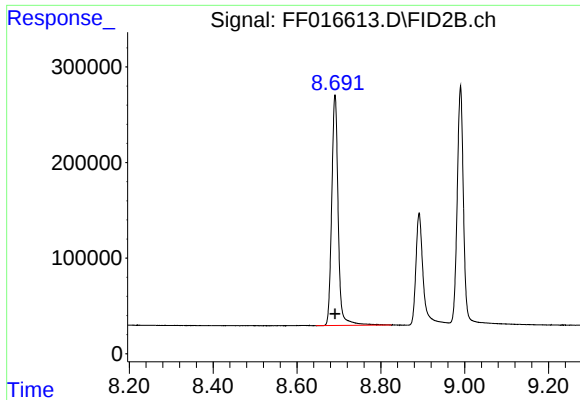
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2593205
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

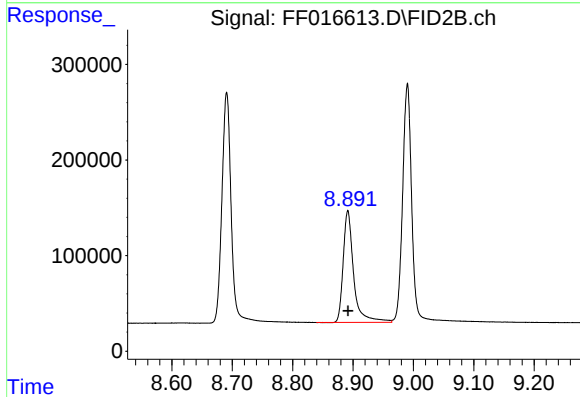
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 2188328
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

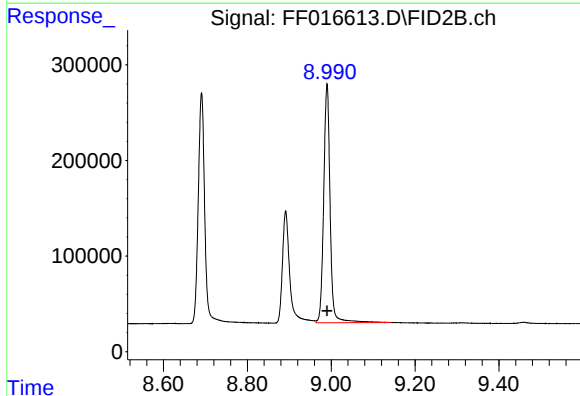
R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 2589687
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



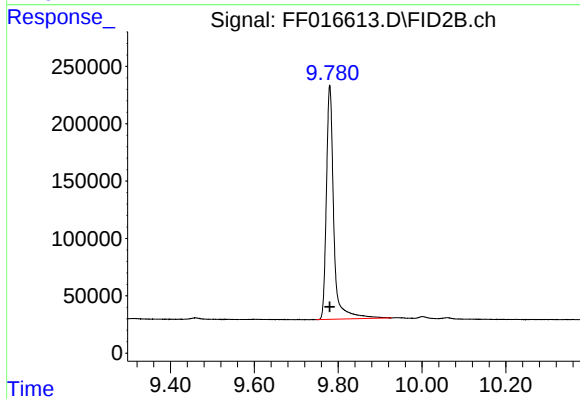
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 1409920
Conc: 20.00 ug/ml



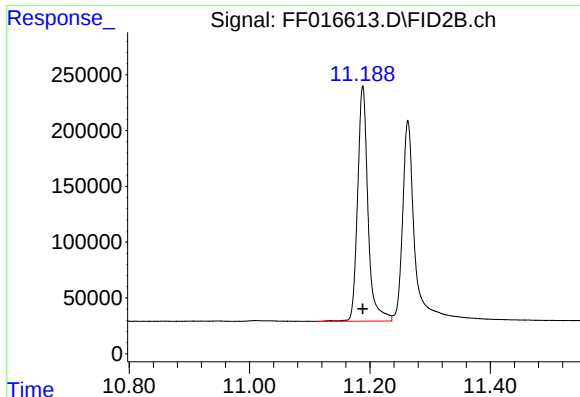
#7 Acenaphthene (C15.5)

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 2658824
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

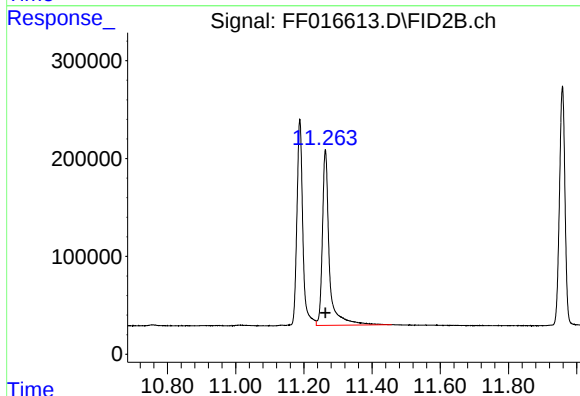
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2497592
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

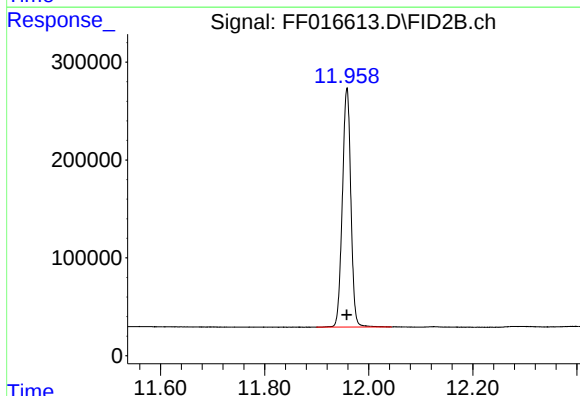
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 2524485
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



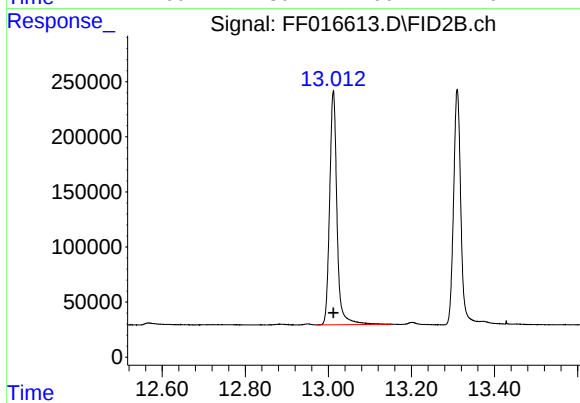
#10 Anthracene (C19.43)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 2553370
Conc: 20.00 ug/ml



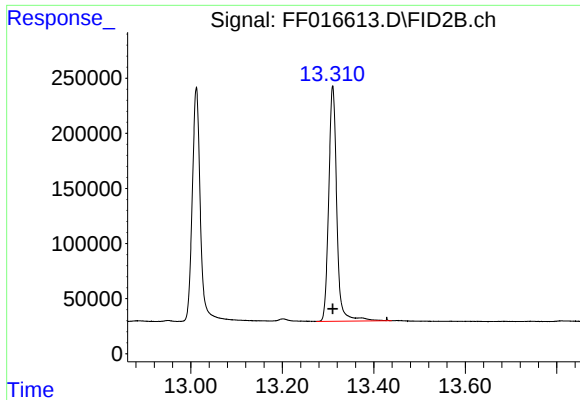
#11 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: 0.000 min
Response: 2764019
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

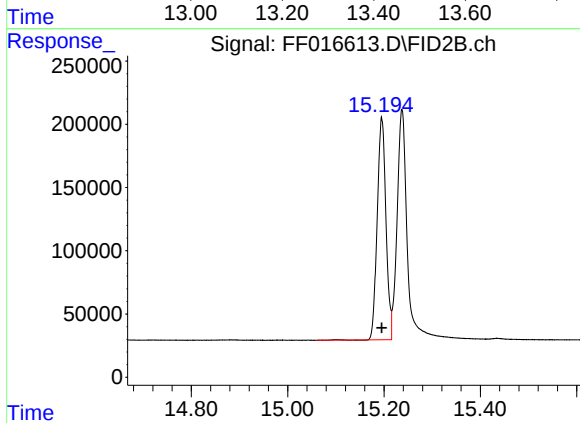
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 2609311
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

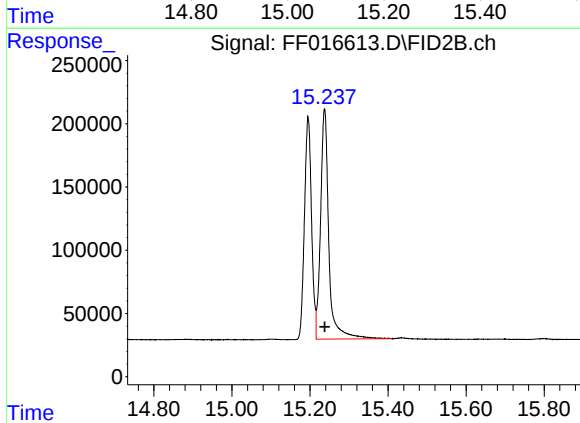
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 2625482
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



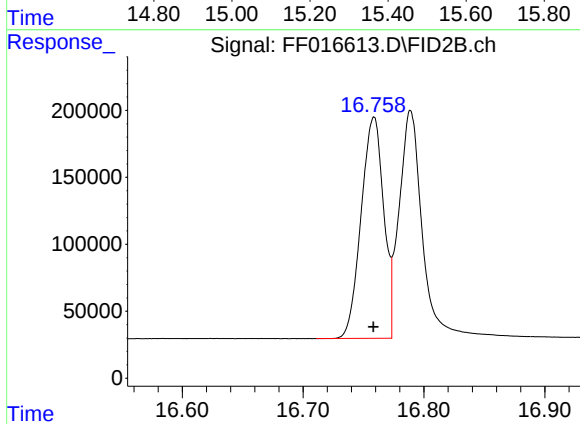
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 2209088
Conc: 20.00 ug/ml



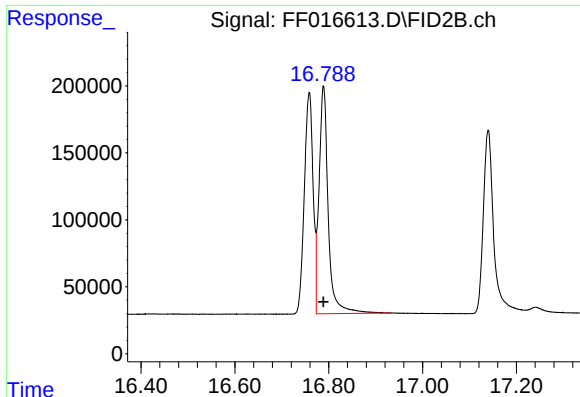
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 2678032
Conc: 20.00 ug/ml



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

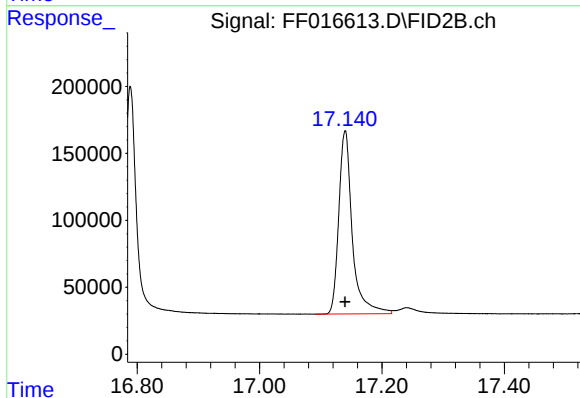
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 2142581
Conc: 20.00 ug/ml



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

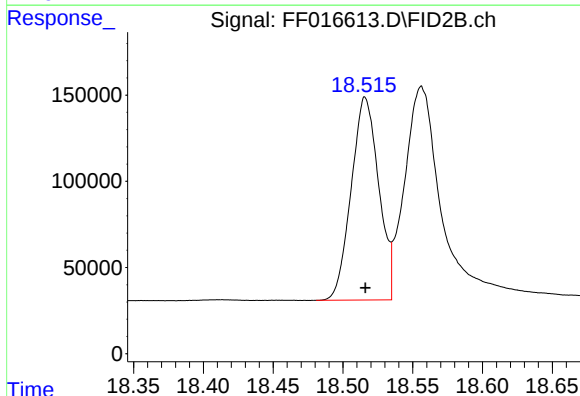
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 2316361
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



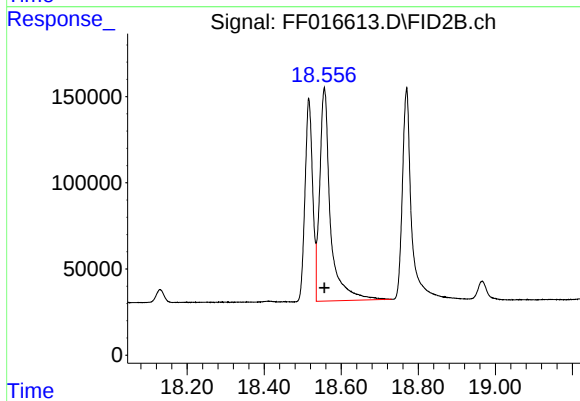
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: 0.000 min
Response: 2101637
Conc: 20.00 ug/ml



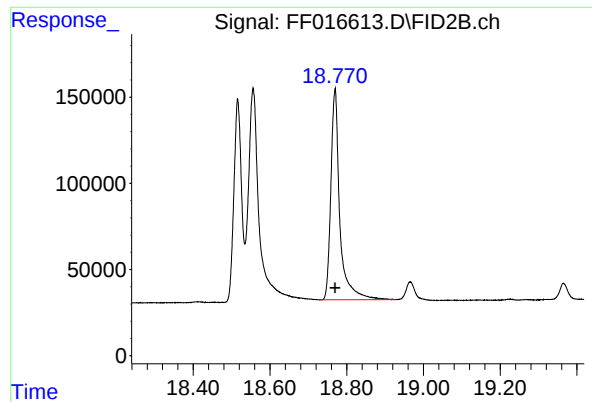
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: 0.000 min
Response: 1612453
Conc: 20.00 ug/ml



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

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2405800
Conc: 20.00 ug/ml



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

R.T.: 18.769 min
Delta R.T.: 0.000 min
Response: 1985462
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016613.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 15:34
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.609	4.571	4.687	BB	251942	2499255	90.42%	5.048%
2	6.286	6.249	6.419	BB	242905	2541430	91.95%	5.134%
3	7.386	7.351	7.551	BB	234894	2593205	93.82%	5.238%
4	8.015	7.949	8.142	BB	204321	2188328	79.17%	4.420%
5	8.691	8.646	8.826	BB	241232	2589687	93.69%	5.231%
6	8.892	8.839	8.964	BV	116701	1409920	51.01%	2.848%
7	8.990	8.964	9.144	VB	251149	2658824	96.19%	5.371%
8	9.780	9.747	9.927	BB	203834	2497592	90.36%	5.045%
9	11.188	11.111	11.236	BV	210492	2524485	91.33%	5.099%
10	11.263	11.236	11.457	VB	179248	2553370	92.38%	5.158%
11	11.958	11.899	12.044	BB	243295	2764019	100.00%	5.583%
12	13.012	12.971	13.152	PB	212442	2609311	94.40%	5.271%
13	13.310	13.274	13.439	BB	213671	2625482	94.99%	5.303%
14	15.195	15.059	15.216	BV	174425	2209088	79.92%	4.462%
15	15.237	15.216	15.409	VB	182316	2678032	96.89%	5.409%
16	16.758	16.711	16.773	BV	166048	2142581	77.52%	4.328%
17	16.789	16.773	16.934	VB	170187	2316361	83.80%	4.679%
18	17.140	17.092	17.216	BV	136752	2101637	76.04%	4.245%
19	18.516	18.481	18.535	BV	117680	1612453	58.34%	3.257%
20	18.556	18.535	18.731	VBA	123690	2405800	87.04%	4.860%
21	18.769	18.731	18.927	BV	121805	1985462	71.83%	4.011%
Sum of corrected areas:						49506320		

Aromatic EPH 102925.M Thu Oct 30 03:45:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 16:03
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 29 16:23:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:23:08 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...	8.016	1114818	9.818 ug/ml
Spiked Amount 50.000		Recovery =	19.64%
6) S 2-Fluorobiphenyl (SURR)	8.892	680115	9.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.61%
11) S ortho-Terphenyl (SURR)	11.956	1506831	10.421 ug/ml
Spiked Amount 50.000		Recovery =	20.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	1344438	10.335 ug/ml
2) T Naphthalene (C11.7)	6.287	1323198	10.018 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	1332113	9.942 ug/ml
5) T Acenaphthylene (C15.06)	8.690	1347256	10.007 ug/ml
7) T Acenaphthene (C15.5)	8.989	1391871	10.104 ug/ml
8) T Fluorene (C16.55)	9.780	1283089	9.800 ug/ml
9) T Phenanthrene (C19.36)	11.188	1307700	9.915 ug/ml
10) T Anthracene (C19.43)	11.264	1392293	10.469 ug/ml
12) T Fluoranthene (C21.85)	13.011	1379799	10.147 ug/ml
13) T Pyrene (C20.8)	13.309	1400612	10.296 ug/ml
14) T Benzo[a]anthracene (C...	15.196	1107100	9.599 ug/ml
15) T Chrysene (C27.41)	15.237	1496045	10.732 ug/ml
16) T benzo[b]fluoranthene ...	16.757	1102352	9.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	1292316	10.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	1115777	10.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	829806	9.573 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	1439707	11.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	1093225	10.380 ug/ml

(f)=RT Delta > 1/2 Window

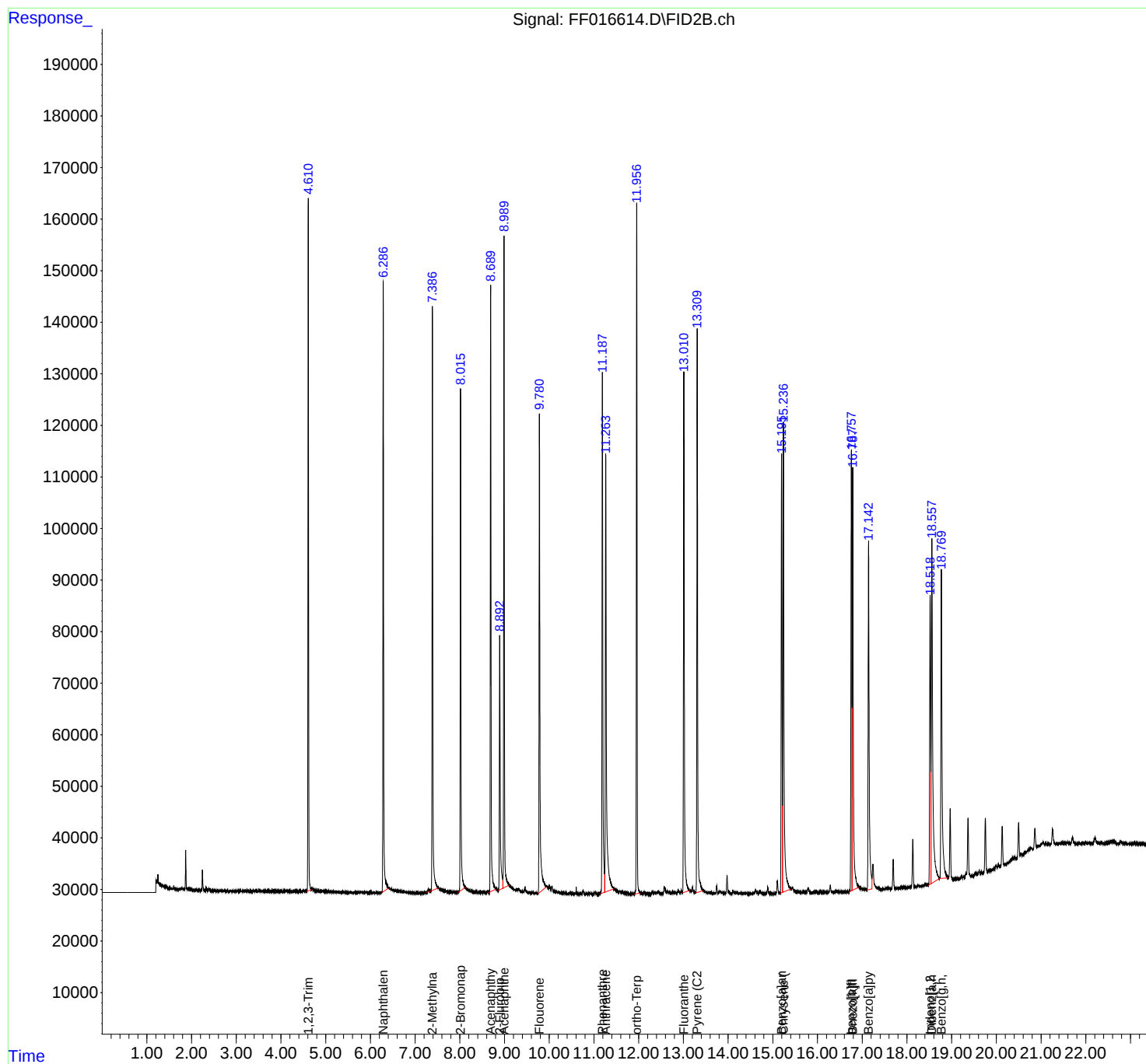
(m)=manual int.

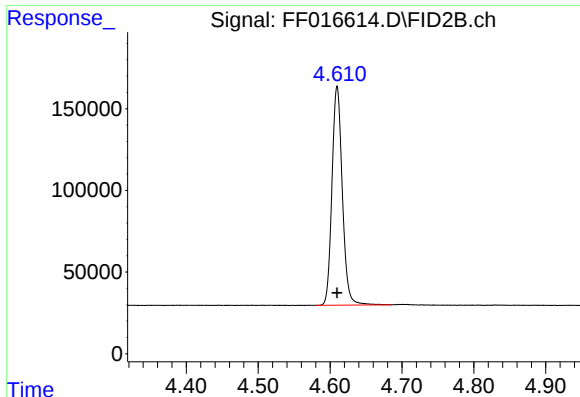
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016614.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 16:03
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 29 16:23:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:23:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

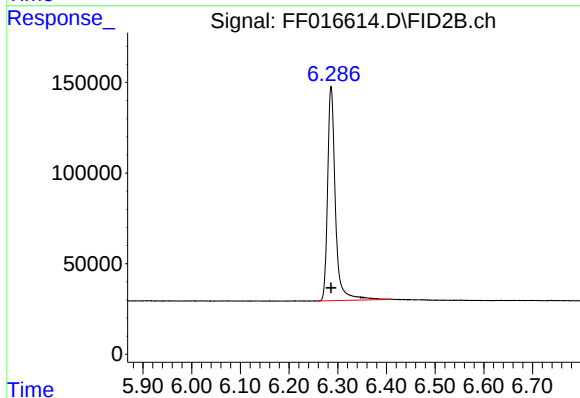




#1 1,2,3-Trimethylbenzene (C10.1)

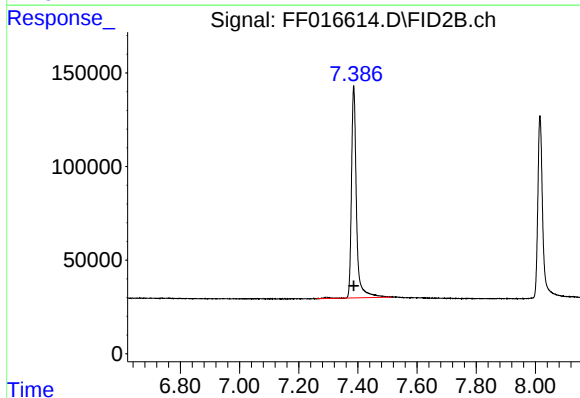
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 1344438
Conc: 10.33 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



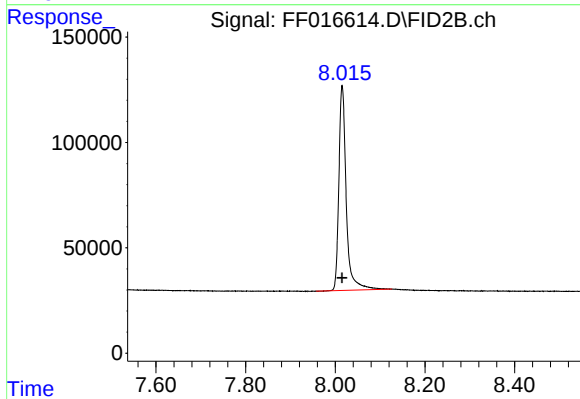
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1323198
Conc: 10.02 ug/ml



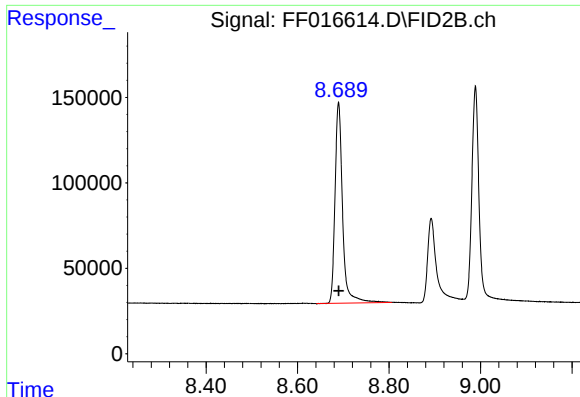
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 1332113
Conc: 9.94 ug/ml



#4 2-Bromonaphthalene (SURR)

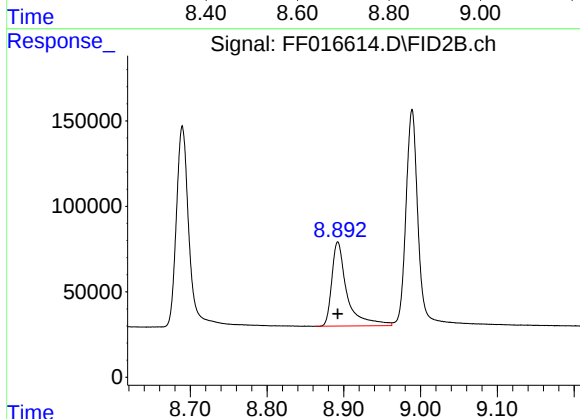
R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 1114818
Conc: 9.82 ug/ml



#5 Acenaphthylene (C15.06)

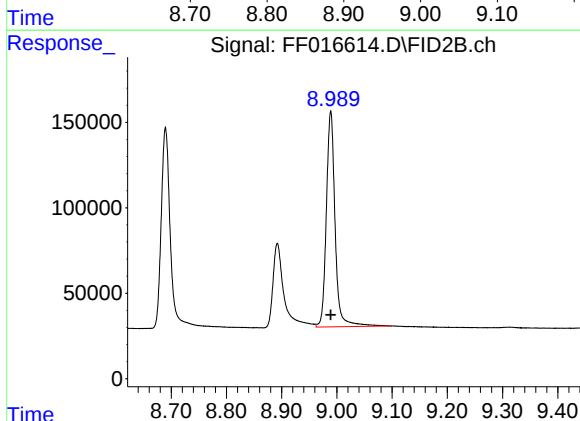
R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1347256
Conc: 10.01 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



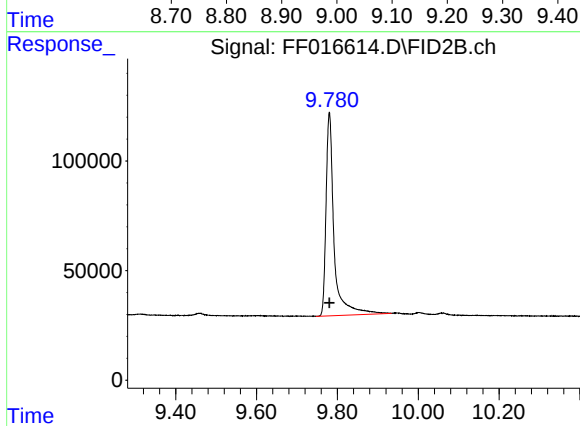
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 680115
Conc: 9.31 ug/ml



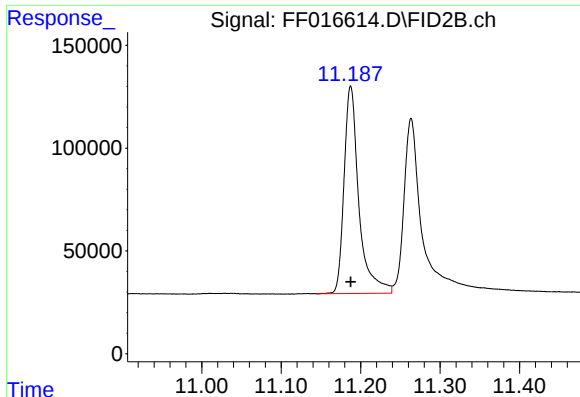
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 1391871
Conc: 10.10 ug/ml



#8 Flouorene (C16.55)

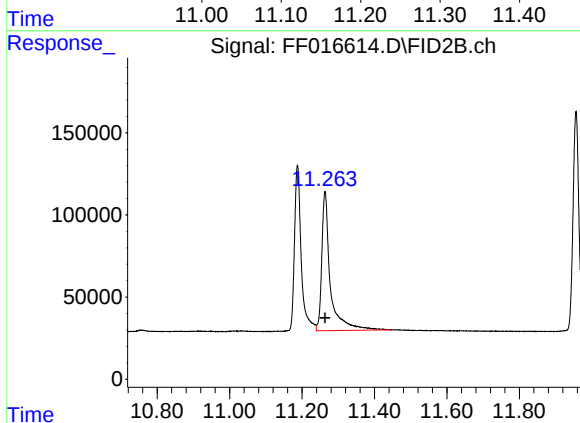
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 1283089
Conc: 9.80 ug/ml



#9 Phenanthrene (C19.36)

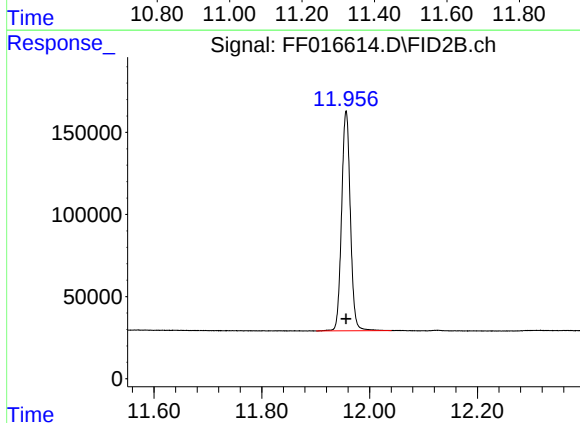
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 1307700
Conc: 9.92 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



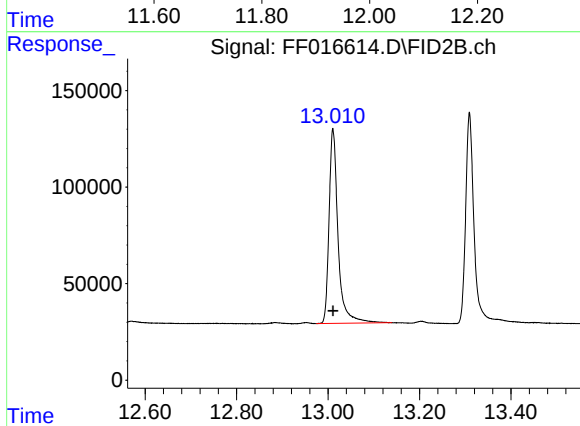
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 1392293
Conc: 10.47 ug/ml



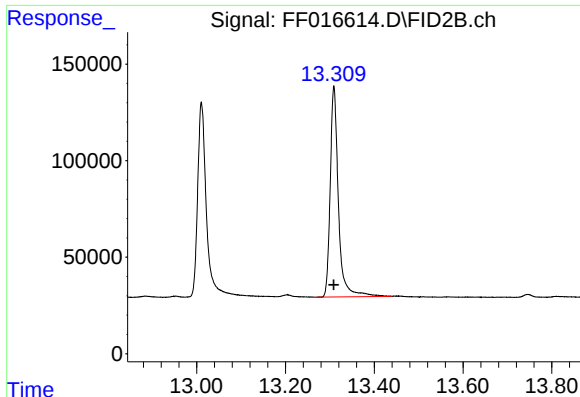
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 1506831
Conc: 10.42 ug/ml



#12 Fluoranthene (C21.85)

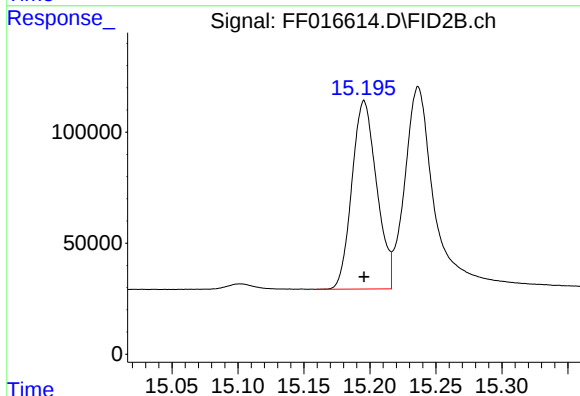
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 1379799
Conc: 10.15 ug/ml



#13 Pyrene (C20.8)

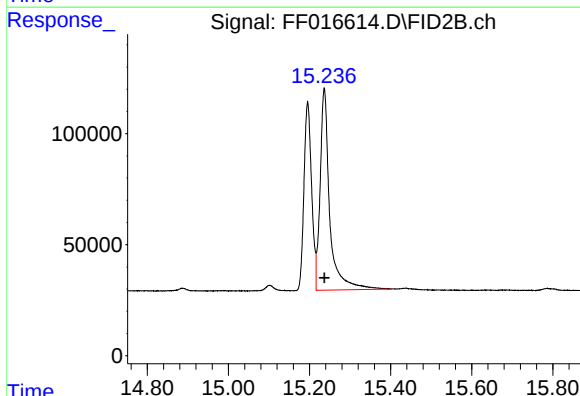
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 1400612
Conc: 10.30 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



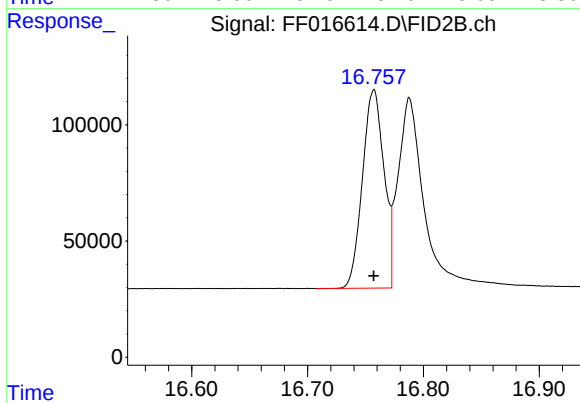
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: 0.000 min
Response: 1107100
Conc: 9.60 ug/ml



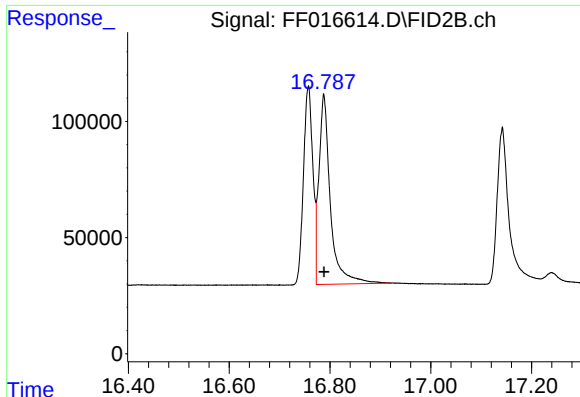
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 1496045
Conc: 10.73 ug/ml



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

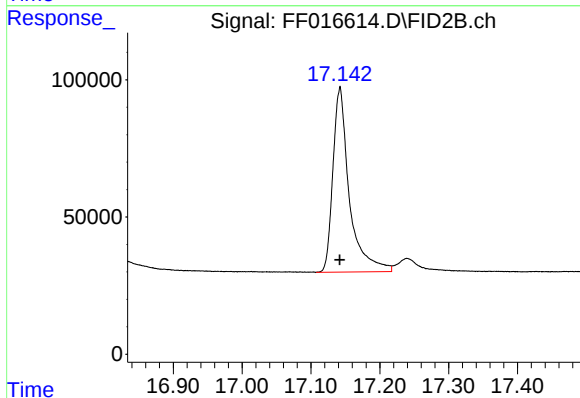
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 1102352
Conc: 9.81 ug/ml



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

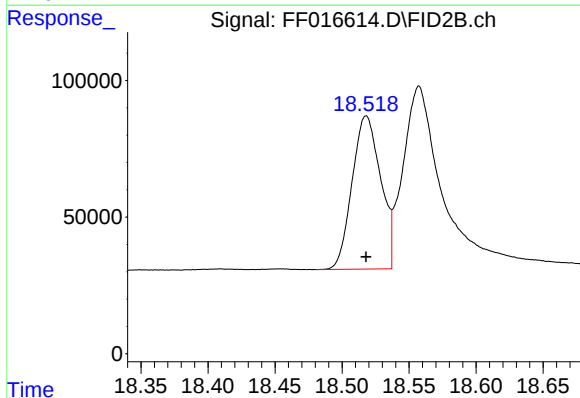
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 1292316
Conc: 10.73 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



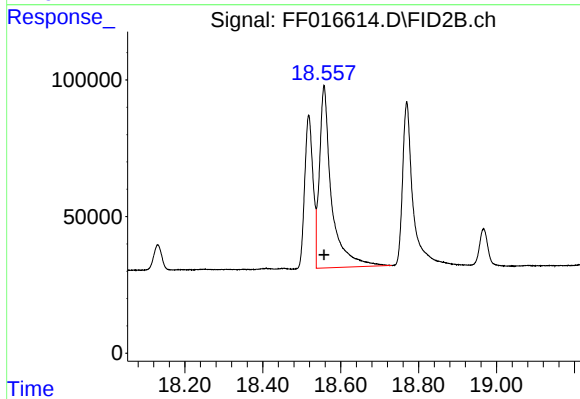
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: 0.000 min
Response: 1115777
Conc: 10.14 ug/ml



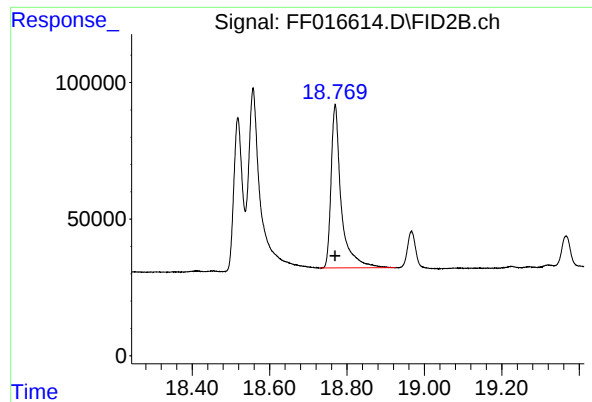
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: 0.000 min
Response: 829806
Conc: 9.57 ug/ml



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

R.T.: 18.557 min
Delta R.T.: 0.000 min
Response: 1439707
Conc: 11.25 ug/ml



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

R.T.: 18.770 min
Delta R.T.: 0.000 min
Response: 1093225
Conc: 10.38 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016614.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 16:03
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.610	4.581	4.686	BB	134317	1344438	89.22%	5.116%
2	6.287	6.256	6.411	BB	118202	1323198	87.81%	5.035%
3	7.386	7.259	7.514	BB	113196	1332113	88.40%	5.069%
4	8.016	7.957	8.126	BB	97074	1114818	73.98%	4.242%
5	8.690	8.641	8.806	BB	117274	1347256	89.41%	5.126%
6	8.892	8.864	8.962	BV	49278	680115	45.14%	2.588%
7	8.989	8.962	9.099	VB	126499	1391871	92.37%	5.296%
8	9.780	9.747	9.934	BB	92845	1283089	85.15%	4.882%
9	11.188	11.144	11.239	BV	100901	1307700	86.78%	4.976%
10	11.264	11.239	11.447	VB	84929	1392293	92.40%	5.298%
11	11.956	11.901	12.041	BB	133773	1506831	100.00%	5.734%
12	13.011	12.974	13.139	BB	100602	1379799	91.57%	5.250%
13	13.309	13.269	13.439	BB	109199	1400612	92.95%	5.329%
14	15.196	15.159	15.216	BV	84948	1107100	73.47%	4.213%
15	15.237	15.216	15.402	VB	90971	1496045	99.28%	5.693%
16	16.757	16.707	16.773	BV	85587	1102352	73.16%	4.195%
17	16.788	16.773	16.922	VB	81859	1292316	85.76%	4.917%
18	17.142	17.107	17.217	BV	67783	1115777	74.05%	4.246%
19	18.518	18.481	18.537	BV	56073	829806	55.07%	3.158%
20	18.557	18.537	18.731	VBA	66829	1439707	95.55%	5.478%
21	18.770	18.731	18.926	BB	59848	1093225	72.55%	4.160%
Sum of corrected areas:						26280460		

Aromatic EPH 102925.M Thu Oct 30 03:46:23 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016615.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 17:02
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 29 18:23:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:17:22 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...	8.020	10784724	96.186 ug/ml
Spiked Amount 50.000		Recovery =	192.37%
6) S 2-Fluorobiphenyl (SURR)	8.898	7369223	100.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.27%#
11) S ortho-Terphenyl (SURR)	11.966	12863492	91.484 ug/ml
Spiked Amount 50.000		Recovery =	182.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.612	11756483	92.600 ug/ml
2) T Naphthalene (C11.7)	6.290	12375430	95.193 ug/ml
3) T 2-Methylnaphthalene (...)	7.392	12581917	95.354 ug/ml
5) T Acenaphthylene (C15.06)	8.698	12596663	95.092 ug/ml
7) T Acenaphthene (C15.5)	9.000	12623884	93.600 ug/ml
8) T Fluorene (C16.55)	9.789	12461128	96.338 ug/ml
9) T Phenanthrene (C19.36)	11.197	12496655	96.013 ug/ml
10) T Anthracene (C19.43)	11.275	12362442	94.622 ug/ml
12) T Fluoranthene (C21.85)	13.024	12414521	93.324 ug/ml
13) T Pyrene (C20.8)	13.324	12195023	92.028 ug/ml
14) T Benzo[a]anthracene (C...	15.210	11288315	98.399 ug/ml
15) T Chrysene (C27.41)	15.256	11659085	87.205 ug/ml
16) T benzo[b]fluoranthene ...	16.773	10519607	95.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	10026374	87.376 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	10016615	93.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.535	8927084	102.227 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	9721553	80.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.795	9310639	91.046 ug/ml

(f)=RT Delta > 1/2 Window

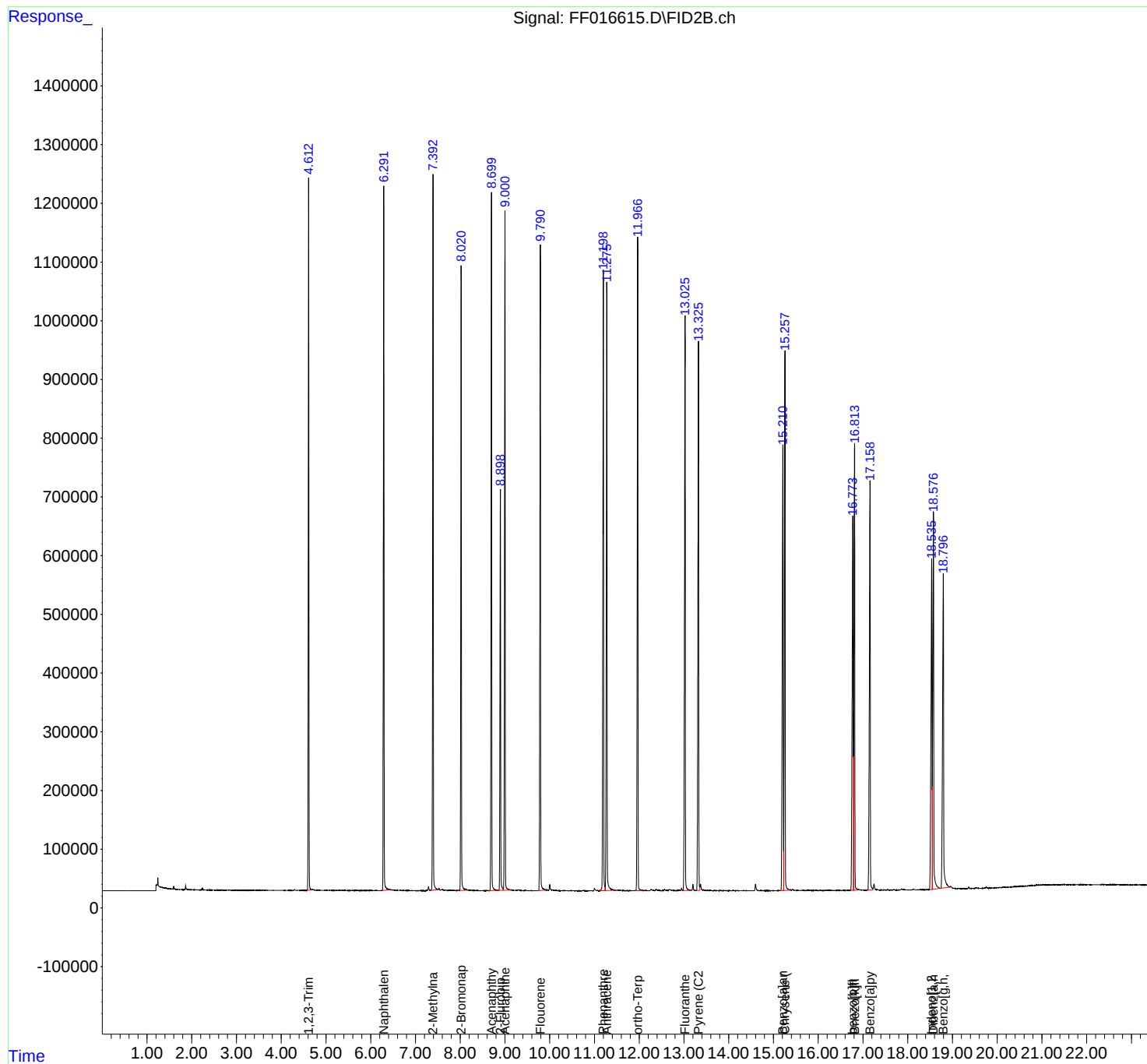
(m)=manual int.

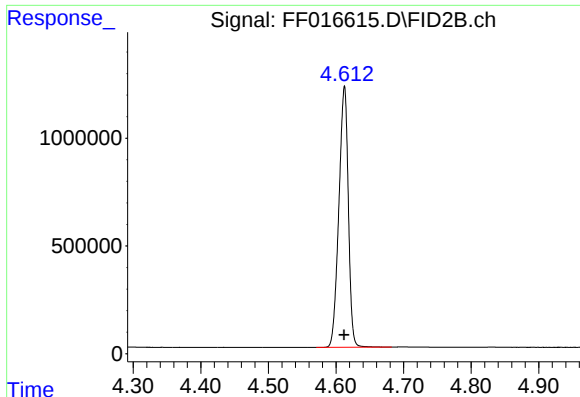
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016615.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 17:02
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 29 18:23:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:17:22 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)

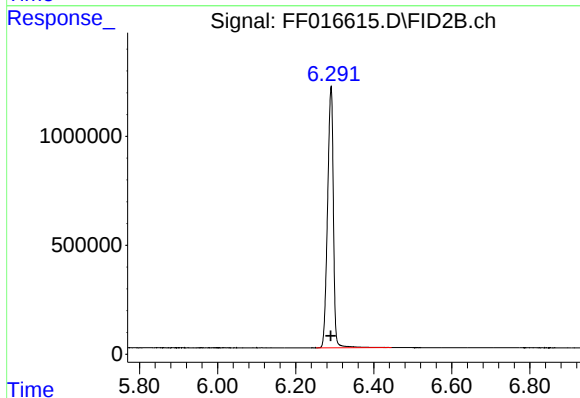
R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 11756483
Conc: 92.60 ug/ml

Instrument :

FID_F

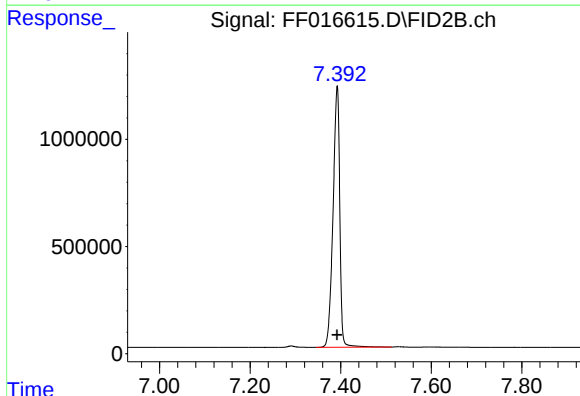
ClientSampleId :

100 PPM AROMATIC HC STD1



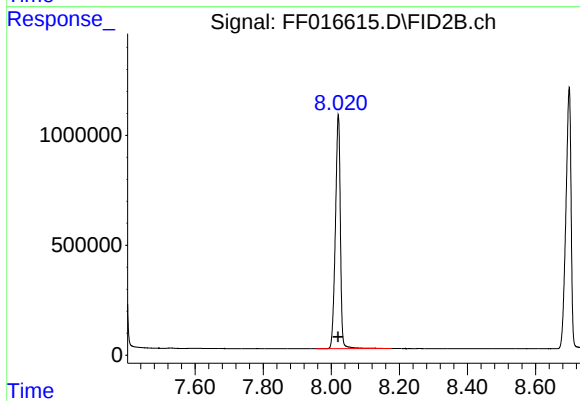
#2 Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 12375430
Conc: 95.19 ug/ml



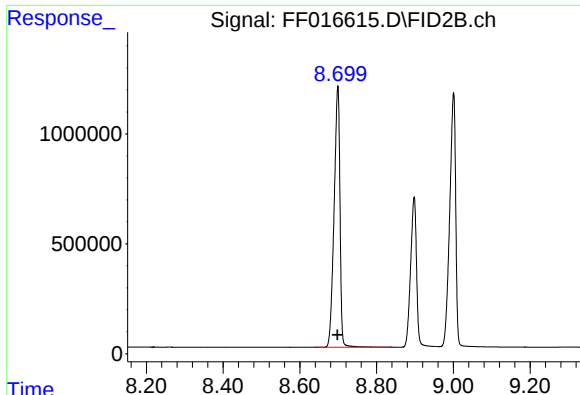
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 12581917
Conc: 95.35 ug/ml



#4 2-Bromonaphthalene (SURR)

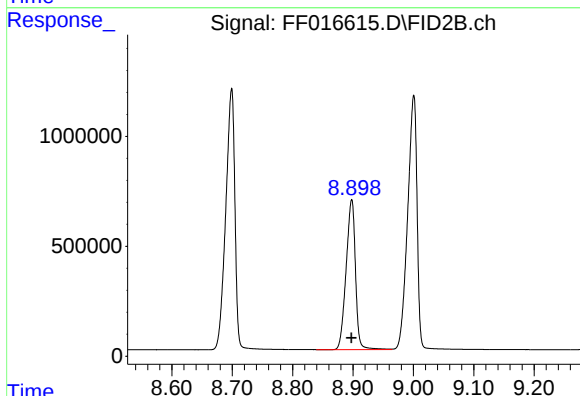
R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 10784724
Conc: 96.19 ug/ml



#5 Acenaphthylene (C15.06)

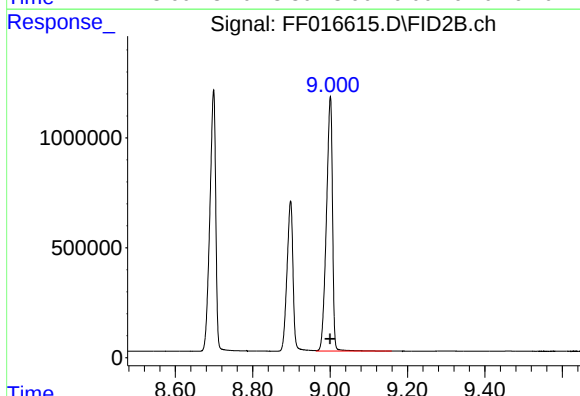
R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 12596663
Conc: 95.09 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1



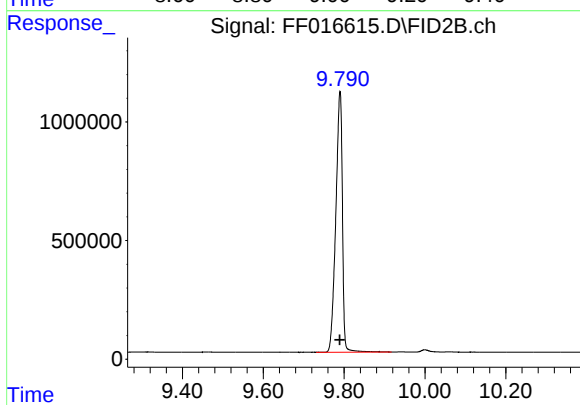
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 7369223
Conc: 100.63 ug/ml



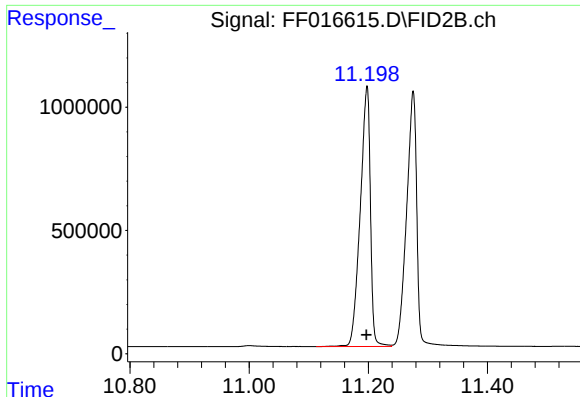
#7 Acenaphthene (C15.5)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 12623884
Conc: 93.60 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 12461128
Conc: 96.34 ug/ml



#9 Phenanthrene (C19.36)

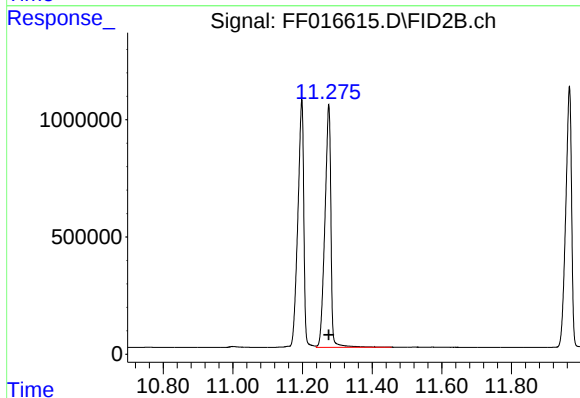
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 12496655
Conc: 96.01 ug/ml

Instrument :

FID_F

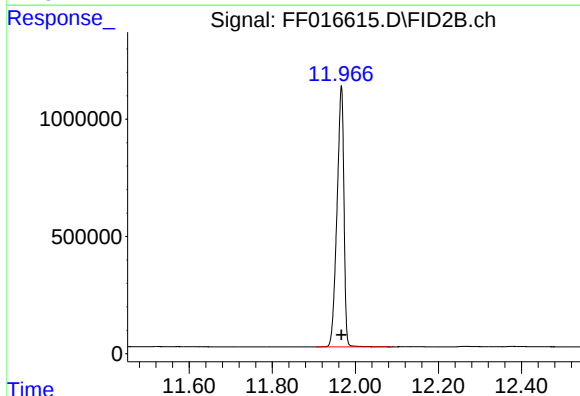
ClientSampleId :

100 PPM AROMATIC HC STD1



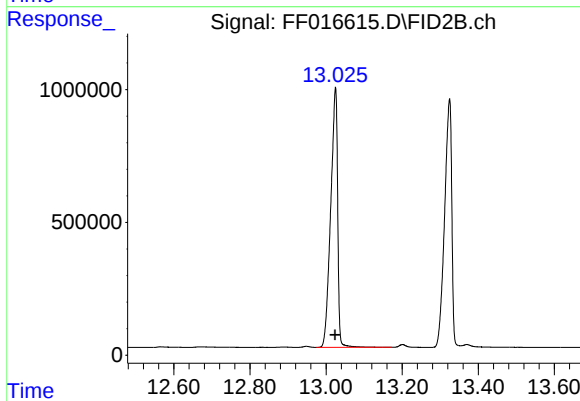
#10 Anthracene (C19.43)

R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 12362442
Conc: 94.62 ug/ml



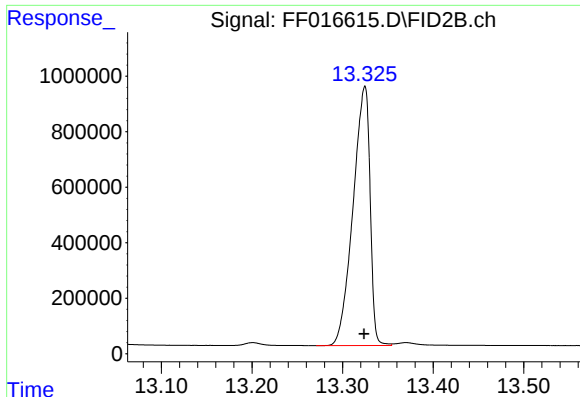
#11 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 12863492
Conc: 91.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 12414521
Conc: 93.32 ug/ml



#13 Pyrene (C20.8)

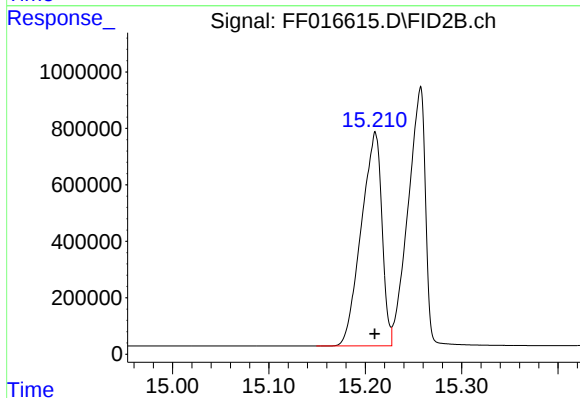
R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 12195023
Conc: 92.03 ug/ml

Instrument :

FID_F

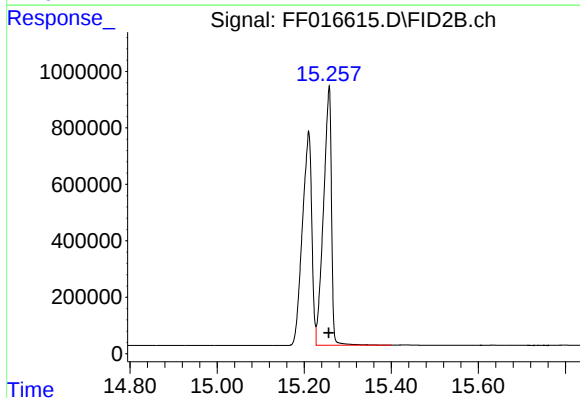
ClientSampleId :

100 PPM AROMATIC HC STD1



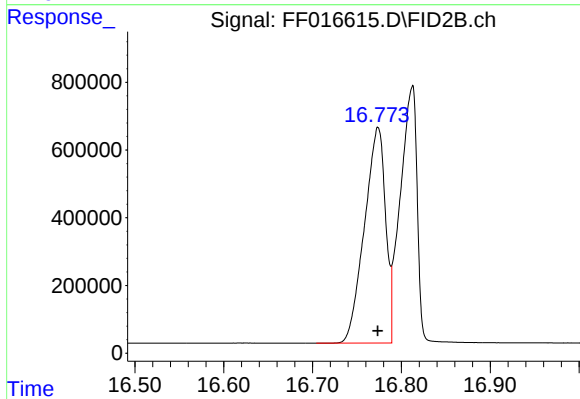
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 11288315
Conc: 98.40 ug/ml



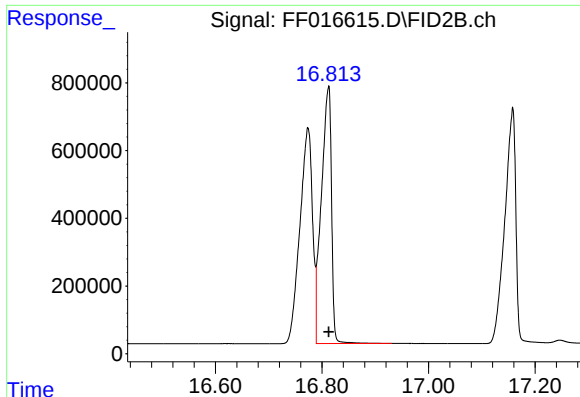
#15 Chrysene (C27.41)

R.T.: 15.256 min
Delta R.T.: 0.000 min
Response: 11659085
Conc: 87.20 ug/ml



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

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 10519607
Conc: 95.17 ug/ml



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

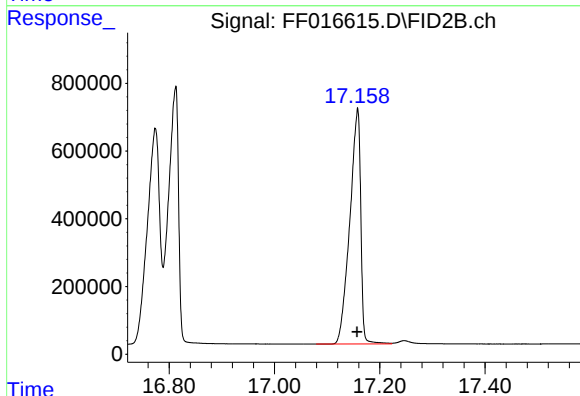
R.T.: 16.811 min
Delta R.T.: -0.002 min
Response: 10026374
Conc: 87.38 ug/ml

Instrument :

FID_F

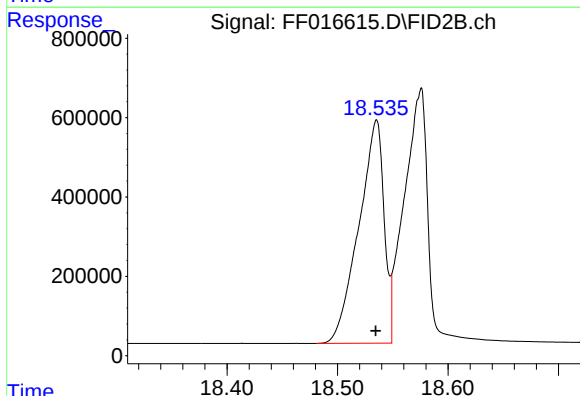
ClientSampleId :

100 PPM AROMATIC HC STD1



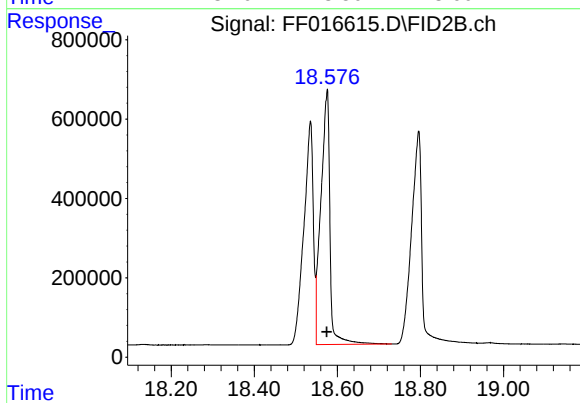
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.000 min
Response: 10016615
Conc: 93.11 ug/ml



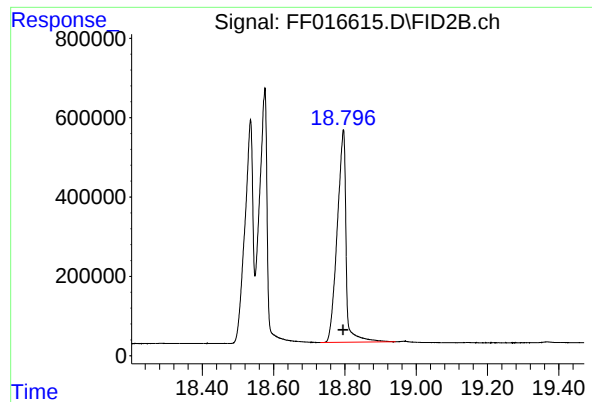
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 8927084
Conc: 102.23 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 9721553
Conc: 80.81 ug/ml



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

R.T.: 18.795 min
Delta R.T.: 0.000 min
Response: 9310639
Conc: 91.05 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016615.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 17:02
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 41 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.612	4.571	4.682	BV	1214954	11756483	91.39%	4.974%
2	6.290	6.252	6.446	BB	1202422	12375430	96.21%	5.236%
3	7.392	7.346	7.512	BV	1225090	12581917	97.81%	5.323%
4	8.020	7.956	8.177	BB	1067627	10784724	83.84%	4.563%
5	8.698	8.642	8.839	BB	1194195	12596663	97.93%	5.330%
6	8.898	8.839	8.964	BV	683176	7369223	57.29%	3.118%
7	9.000	8.964	9.159	VB	1163401	12623884	98.14%	5.341%
8	9.789	9.731	9.917	BV	1099415	12461128	96.87%	5.272%
9	11.197	11.112	11.239	BV	1055313	12496655	97.15%	5.287%
10	11.275	11.239	11.456	VB	1033094	12362442	96.10%	5.231%
11	11.966	11.906	12.087	BB	1112532	12863492	100.00%	5.443%
12	13.024	12.974	13.172	PB	975634	12414521	96.51%	5.253%
13	13.324	13.271	13.354	BV	933806	12195023	94.80%	5.160%
14	15.210	15.149	15.227	BV	753877	11288315	87.75%	4.776%
15	15.256	15.227	15.401	VB	900367	11659085	90.64%	4.933%
16	16.773	16.704	16.789	BV	638078	10519607	81.78%	4.451%
17	16.811	16.789	16.931	VB	750164	10026374	77.94%	4.242%
18	17.157	17.079	17.222	BV	695856	10016615	77.87%	4.238%
19	18.535	18.481	18.549	BV	560225	8927084	69.40%	3.777%
20	18.574	18.549	18.731	VBA	628710	9721553	75.57%	4.113%
21	18.795	18.731	18.942	BV	538181	9310639	72.38%	3.939%
Sum of corrected areas:						236350856		

Aromatic EPH 102925.M Thu Oct 30 03:47:04 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016616.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 18:07
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 29 18:25:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:17:22 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...	8.013	590557	5.211 ug/ml
Spiked Amount 50.000		Recovery =	10.42%
6) S 2-Fluorobiphenyl (SURR)	8.892	318482	4.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.93%
11) S ortho-Terphenyl (SURR)	11.955	859125	5.850 ug/ml
Spiked Amount 50.000		Recovery =	11.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	751692	5.710 ug/ml
2) T Naphthalene (C11.7)	6.282	707229	5.346 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	684382	5.148 ug/ml
5) T Acenaphthylene (C15.06)	8.687	728251	5.390 ug/ml
7) T Acenaphthene (C15.5)	8.986	739096	5.377 ug/ml
8) T Flouorene (C16.55)	9.779	667777	5.129 ug/ml
9) T Phenanthrene (C19.36)	11.187	702608	5.314 ug/ml
10) T Anthracene (C19.43)	11.264	774695	5.717 ug/ml
12) T Fluoranthene (C21.85)	13.010	770417	5.614 ug/ml
13) T Pyrene (C20.8)	13.309	775847	5.661 ug/ml
14) T Benzo[a]anthracene (C...	15.196	552895	4.855 ug/ml
15) T Chrysene (C27.41)	15.238	853938	6.051 ug/ml
16) T benzo[b]fluoranthene ...	16.758	567699	5.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	745013	6.099 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	592115	5.395 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.523	404761	4.704 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	886190	6.729 ug/ml
21) T Benzo[g,h,i]perylene ...	18.771	604043	5.700 ug/ml

(f)=RT Delta > 1/2 Window

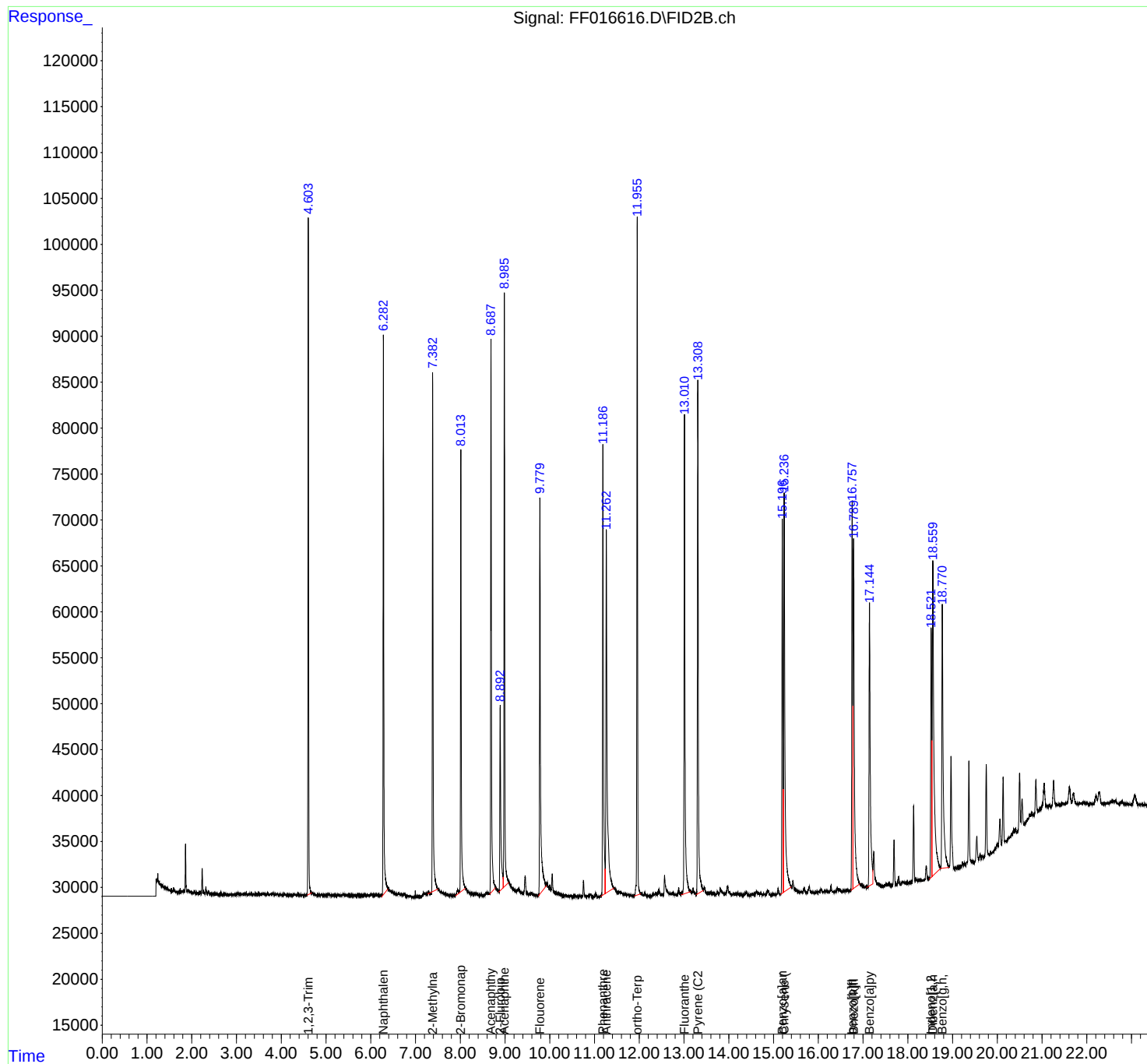
(m)=manual int.

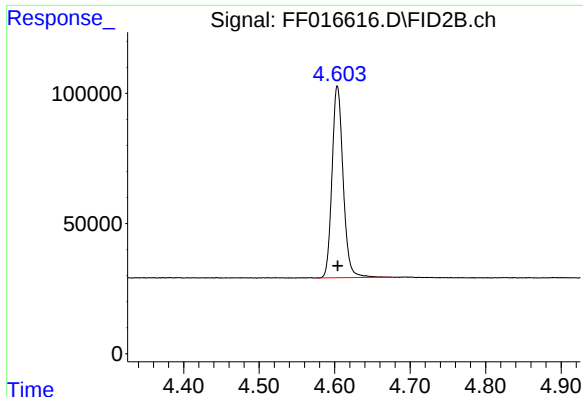
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016616.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 18:07
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 29 18:25:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:17:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

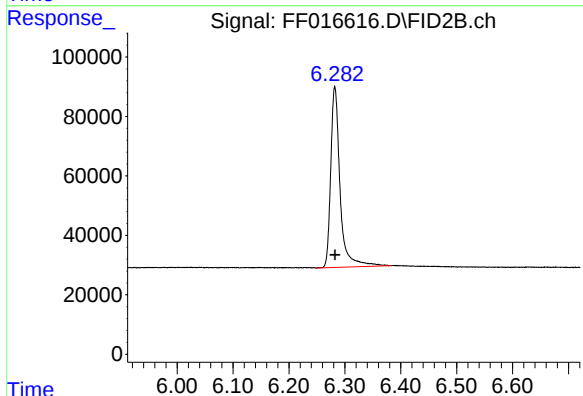




#1 1,2,3-Trimethylbenzene (C10.1)

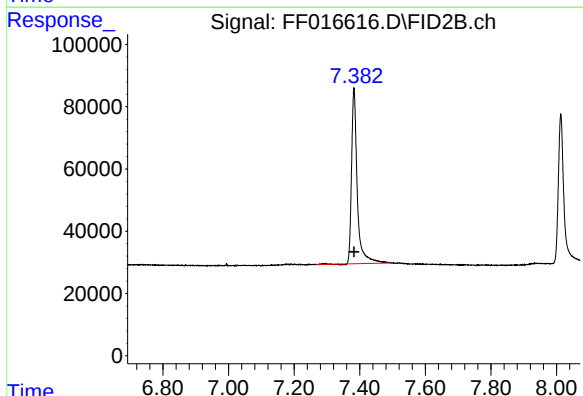
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 751692
Conc: 5.71 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



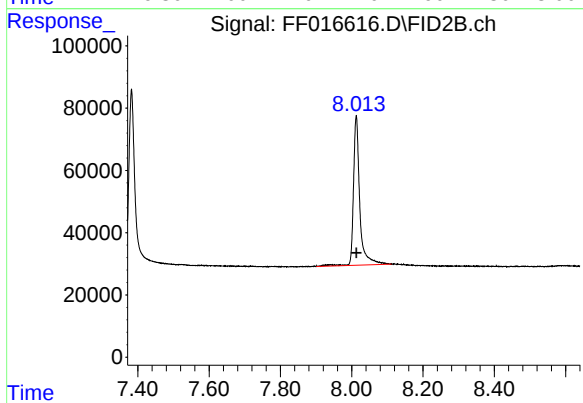
#2 Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 707229
Conc: 5.35 ug/ml



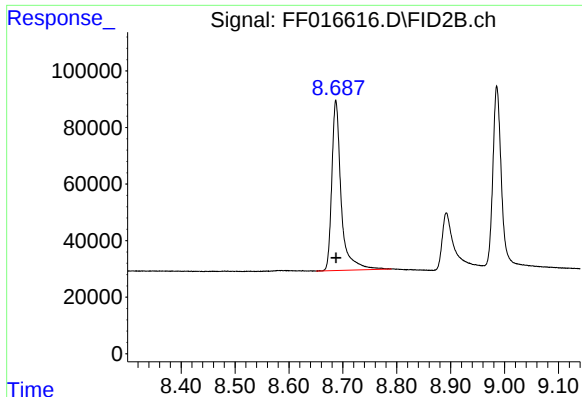
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 684382
Conc: 5.15 ug/ml



#4 2-Bromonaphthalene (SURR)

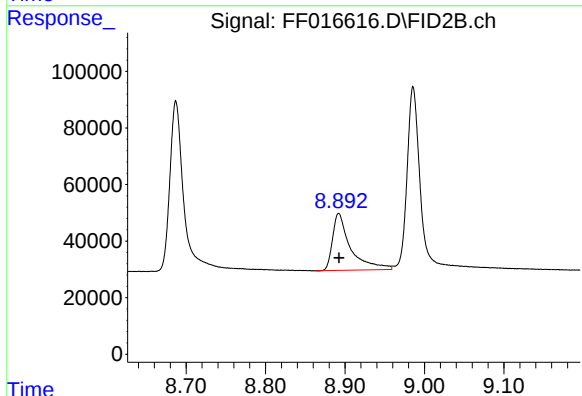
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 590557
Conc: 5.21 ug/ml



#5 Acenaphthylene (C15.06)

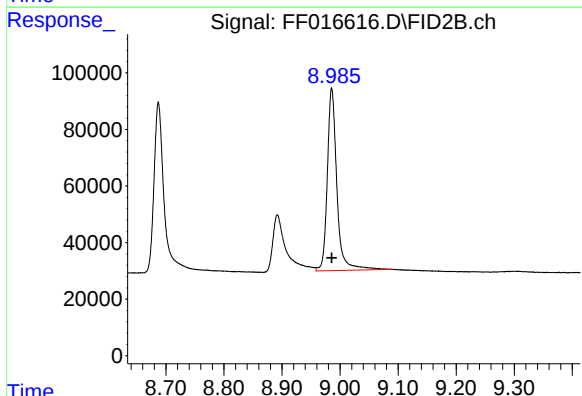
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 728251
Conc: 5.39 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



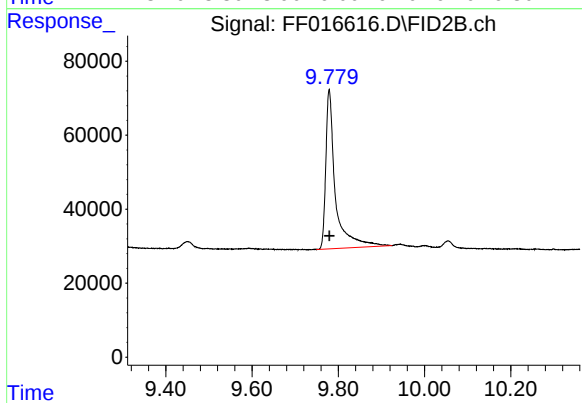
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 318482
Conc: 4.47 ug/ml



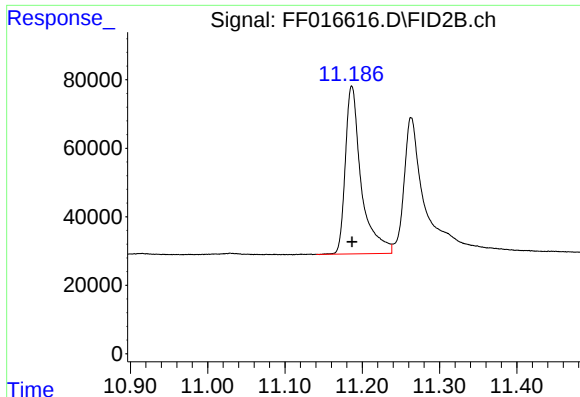
#7 Acenaphthene (C15.5)

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 739096
Conc: 5.38 ug/ml



#8 Flouorene (C16.55)

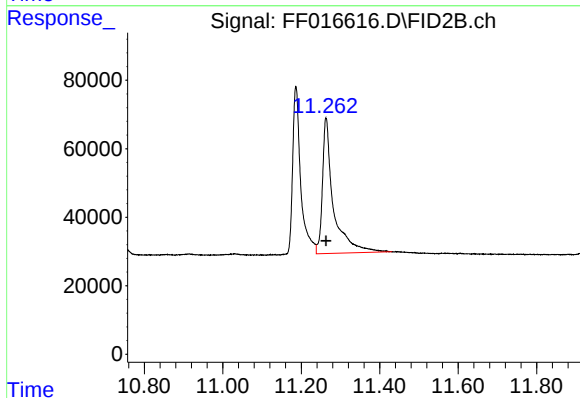
R.T.: 9.779 min
Delta R.T.: 0.000 min
Response: 667777
Conc: 5.13 ug/ml



#9 Phenanthrene (C19.36)

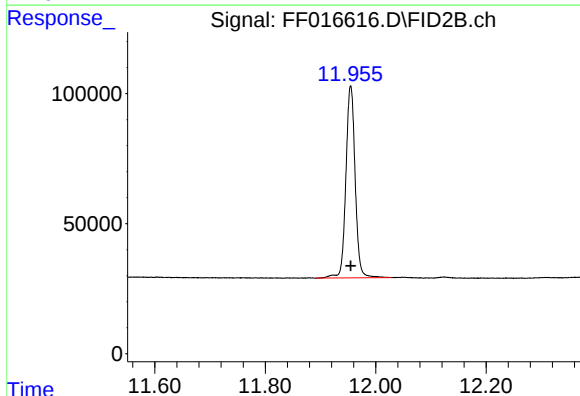
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 702608
Conc: 5.31 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



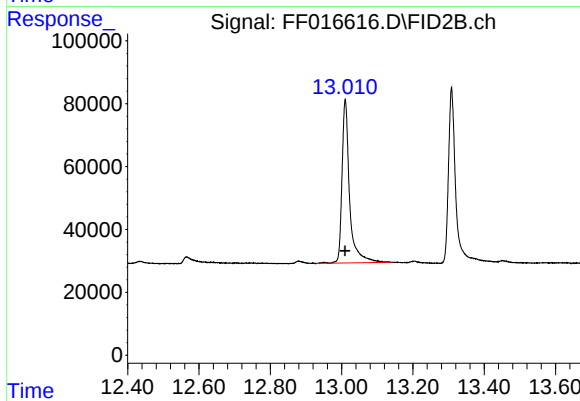
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 774695
Conc: 5.72 ug/ml



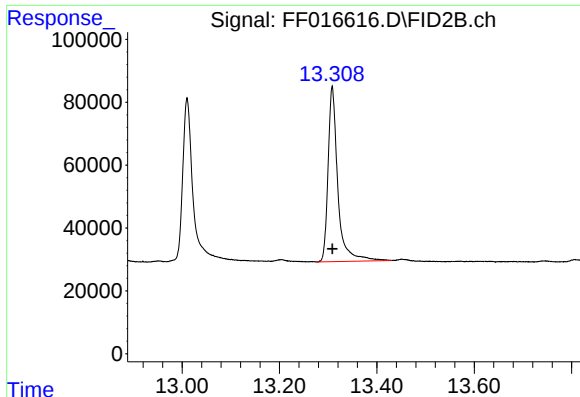
#11 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.000 min
Response: 859125
Conc: 5.85 ug/ml



#12 Fluoranthene (C21.85)

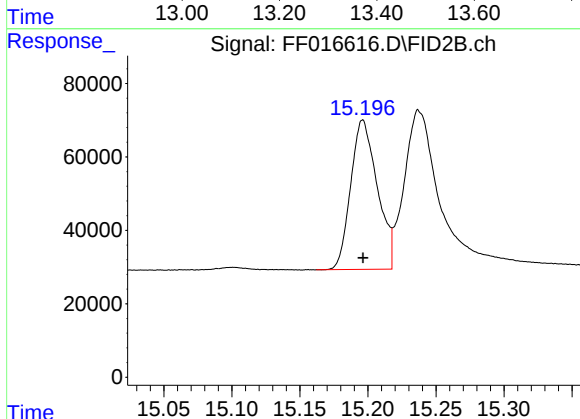
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 770417
Conc: 5.61 ug/ml



#13 Pyrene (C20.8)

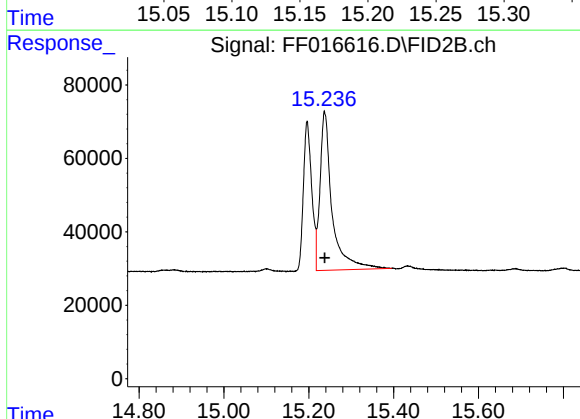
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 775847
Conc: 5.66 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



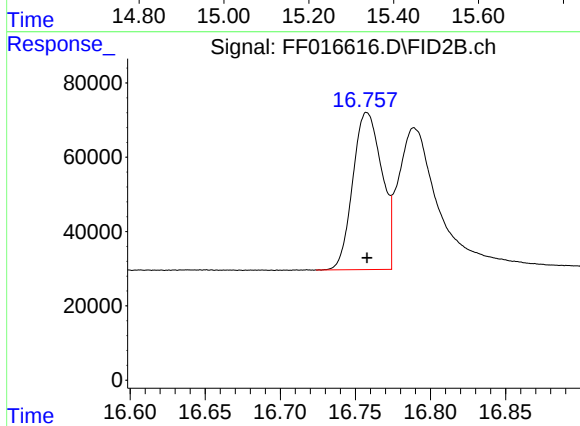
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: 0.000 min
Response: 552895
Conc: 4.85 ug/ml



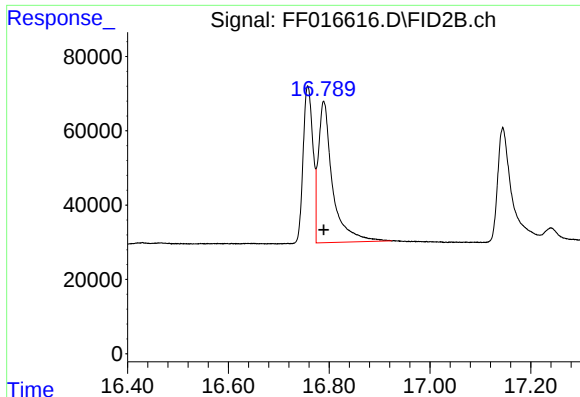
#15 Chrysene (C27.41)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 853938
Conc: 6.05 ug/ml



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

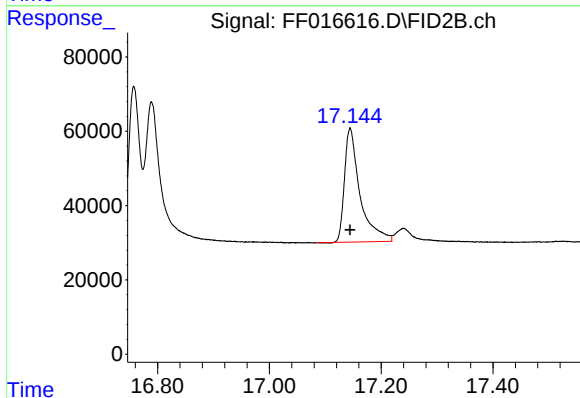
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 567699
Conc: 5.11 ug/ml



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

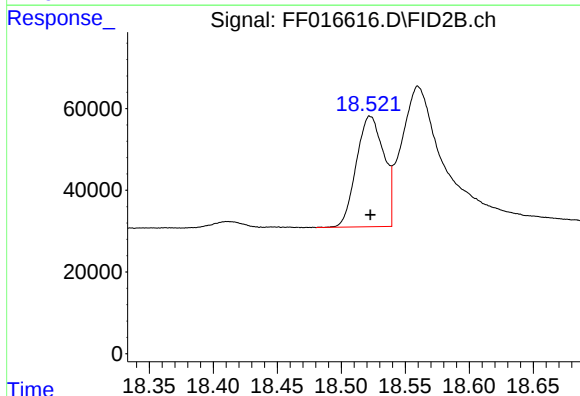
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 745013
Conc: 6.10 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



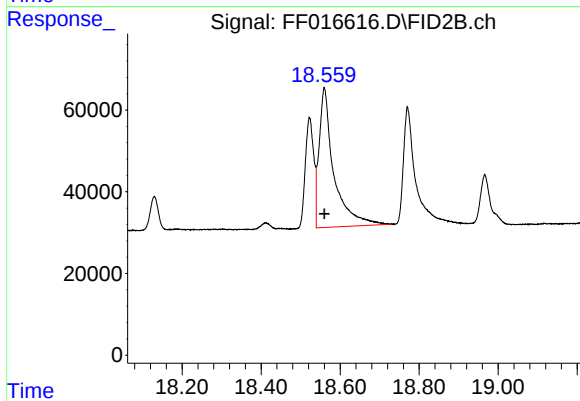
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 592115
Conc: 5.40 ug/ml



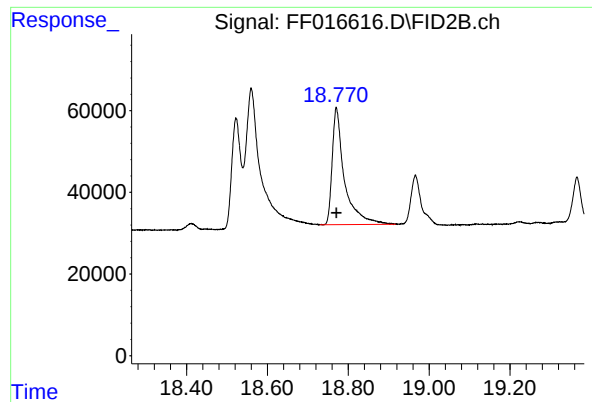
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.523 min
Delta R.T.: 0.000 min
Response: 404761
Conc: 4.70 ug/ml



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

R.T.: 18.560 min
Delta R.T.: 0.000 min
Response: 886190
Conc: 6.73 ug/ml



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

R.T.: 18.771 min
Delta R.T.: 0.000 min
Response: 604043
Conc: 5.70 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016616.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 18:07
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.604	4.575	4.675	BB	73517	751692	84.82%	5.265%
2	6.282	6.249	6.384	BB	60788	707229	79.81%	4.954%
3	7.383	7.267	7.497	BB	56387	684382	77.23%	4.794%
4	8.013	7.900	8.112	BB	48196	590557	66.64%	4.136%
5	8.687	8.650	8.790	BB	60087	728251	82.18%	5.101%
6	8.892	8.864	8.959	BV	20147	318482	35.94%	2.231%
7	8.986	8.959	9.089	VB	64565	739096	83.40%	5.177%
8	9.779	9.749	9.924	BB	43032	667777	75.35%	4.677%
9	11.187	11.140	11.238	BV	48923	702608	79.28%	4.921%
10	11.264	11.238	11.430	VB	39436	774695	87.42%	5.426%
11	11.955	11.892	12.029	BB	73814	859125	96.95%	6.018%
12	13.010	12.929	13.140	BB	52001	770417	86.94%	5.396%
13	13.309	13.275	13.430	BB	55741	775847	87.55%	5.434%
14	15.196	15.162	15.218	BV	40723	552895	62.39%	3.873%
15	15.238	15.218	15.395	VB	43167	853938	96.36%	5.981%
16	16.758	16.724	16.774	BV	42345	567699	64.06%	3.976%
17	16.789	16.774	16.924	VB	38027	745013	84.07%	5.218%
18	17.145	17.084	17.219	BV	30683	592115	66.82%	4.147%
19	18.523	18.480	18.539	BV	27122	404761	45.67%	2.835%
20	18.560	18.539	18.730	VBA	34133	886190	100.00%	6.207%
21	18.771	18.730	18.917	BB	28599	604043	68.16%	4.231%
Sum of corrected areas:							14276810	

Aromatic EPH 102925.M Thu Oct 30 03:47:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016617.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 19:06
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 30 03:35:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.015	1989340	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
6) S 2-Fluorobiphenyl (SURR)	8.891	1263649	17.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.44%
11) S ortho-Terphenyl (SURR)	11.956	2549143	17.359 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2304294	17.505 ug/ml
2) T Naphthalene (C11.7)	6.285	2322510	17.556 ug/ml
3) T 2-Methylnaphthalene (...)	7.385	2342738	17.623 ug/ml
5) T Acenaphthylene (C15.06)	8.690	2371103	17.550 ug/ml
7) T Acenaphthene (C15.5)	8.989	2440948	17.757 ug/ml
8) T Flouorene (C16.55)	9.780	2289982	17.590 ug/ml
9) T Phenanthrene (C19.36)	11.187	2314662	17.505 ug/ml
10) T Anthracene (C19.43)	11.262	2415928	17.829 ug/ml
12) T Fluoranthene (C21.85)	13.010	2381378	17.352 ug/ml
13) T Pyrene (C20.8)	13.309	2403313	17.537 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2012681	17.672 ug/ml
15) T Chrysene (C27.41)	15.236	2491463	17.655 ug/ml
16) T benzo[b]fluoranthene ...	16.757	1954751	17.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	2141375	17.531 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.139	1866797	17.010 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1463400	17.006 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2179893	16.553 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	1840657	17.369 ug/ml

(f)=RT Delta > 1/2 Window

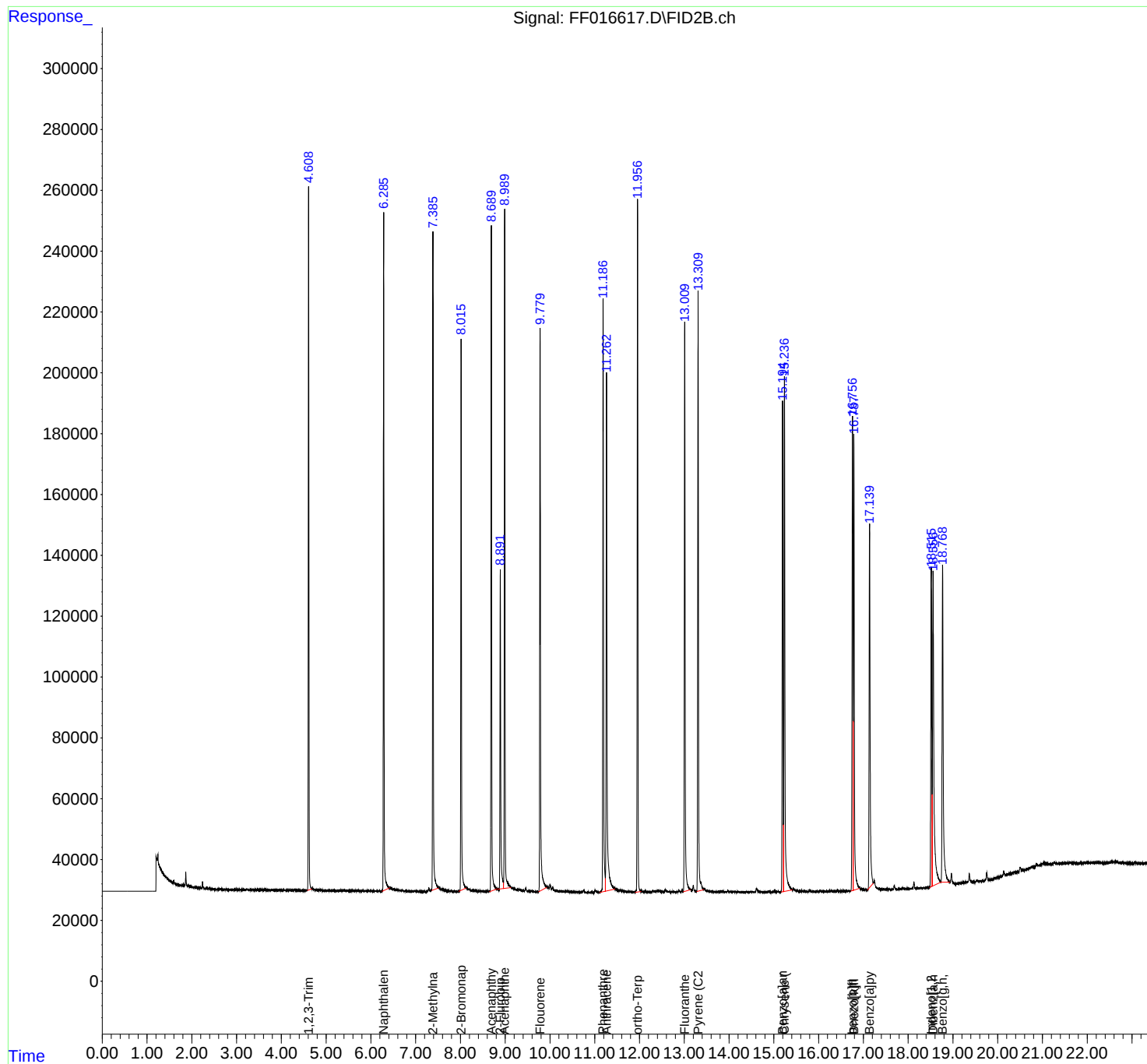
(m)=manual int.

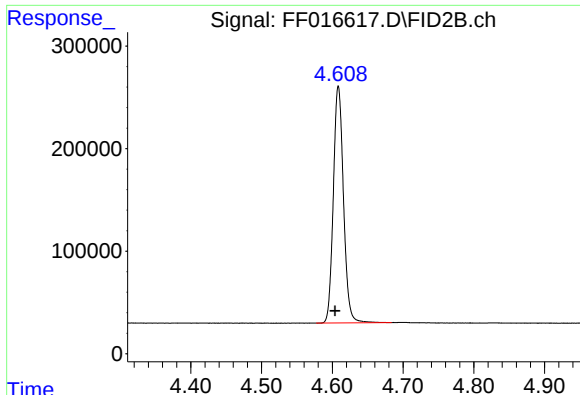
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016617.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 19:06
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 30 03:35:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 18:27:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

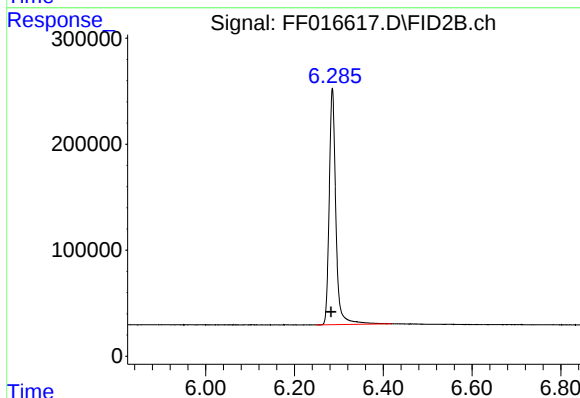
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 2304294
Conc: 17.51 ug/ml

Instrument :

FID_F

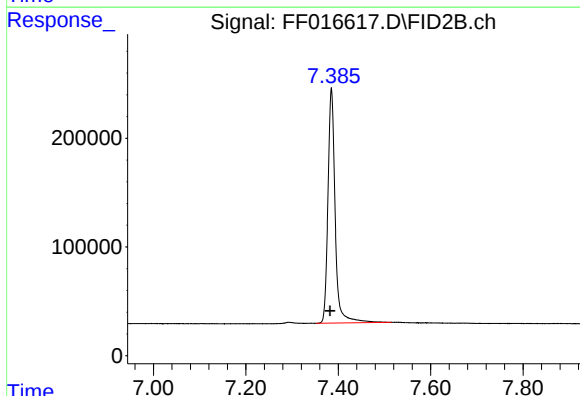
ClientSampleId :

20 PPM AROMATIC HC STD ICV



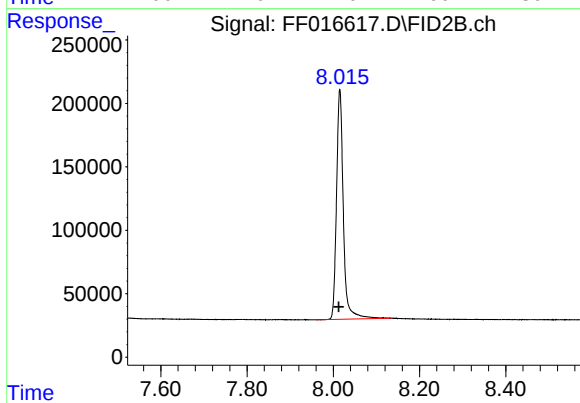
#2 Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 2322510
Conc: 17.56 ug/ml



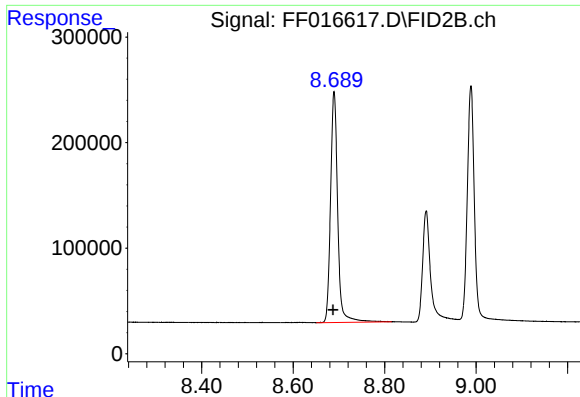
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.003 min
Response: 2342738
Conc: 17.62 ug/ml



#4 2-Bromonaphthalene (SURR)

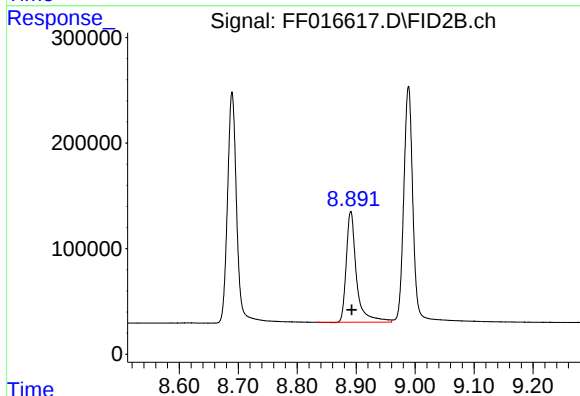
R.T.: 8.015 min
Delta R.T.: 0.002 min
Response: 1989340
Conc: 17.55 ug/ml



#5 Acenaphthylene (C15.06)

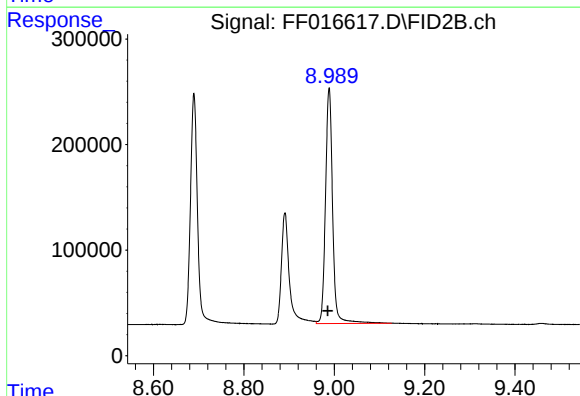
R.T.: 8.690 min
Delta R.T.: 0.002 min
Response: 2371103
Conc: 17.55 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



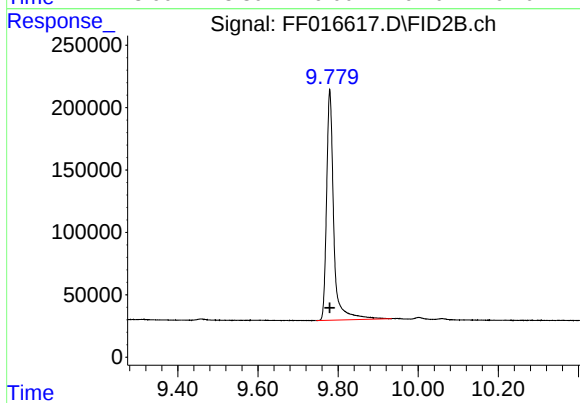
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.891 min
Delta R.T.: -0.001 min
Response: 1263649
Conc: 17.72 ug/ml



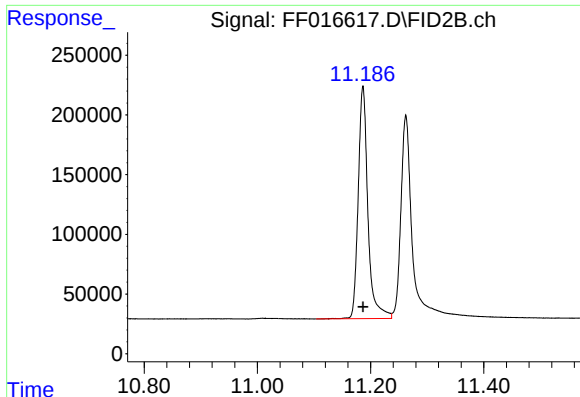
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.003 min
Response: 2440948
Conc: 17.76 ug/ml



#8 Fluorene (C16.55)

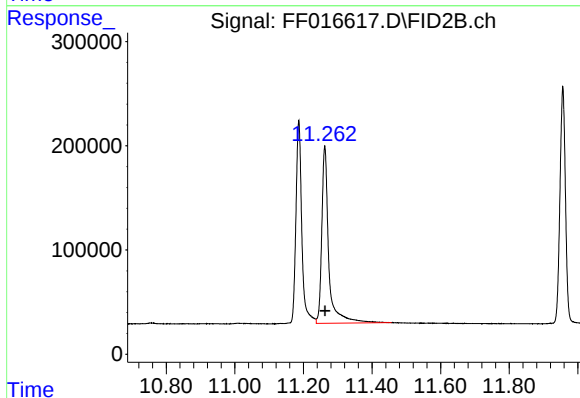
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2289982
Conc: 17.59 ug/ml



#9 Phenanthrene (C19.36)

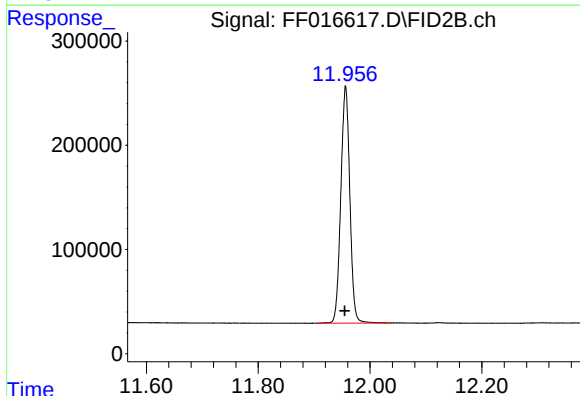
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2314662
Conc: 17.50 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



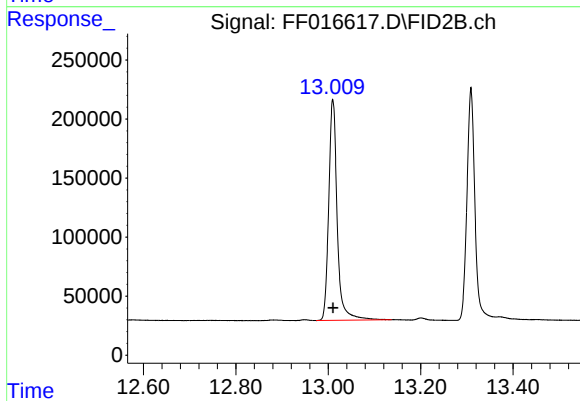
#10 Anthracene (C19.43)

R.T.: 11.262 min
Delta R.T.: -0.001 min
Response: 2415928
Conc: 17.83 ug/ml



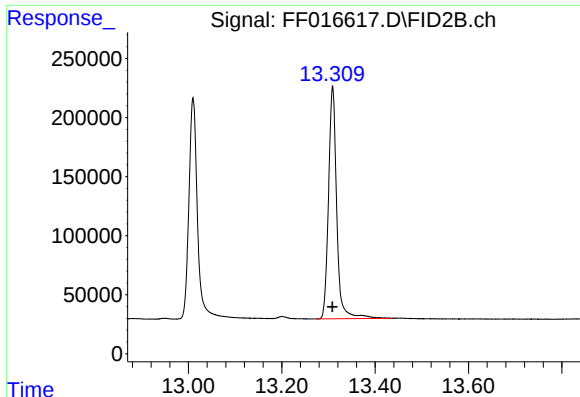
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.002 min
Response: 2549143
Conc: 17.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 2381378
Conc: 17.35 ug/ml



#13 Pyrene (C20.8)

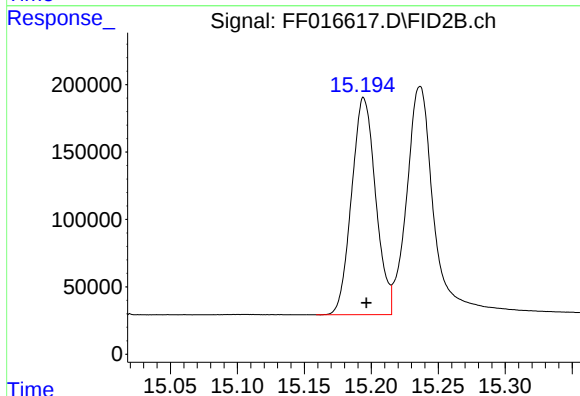
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2403313
Conc: 17.54 ug/ml

Instrument :

FID_F

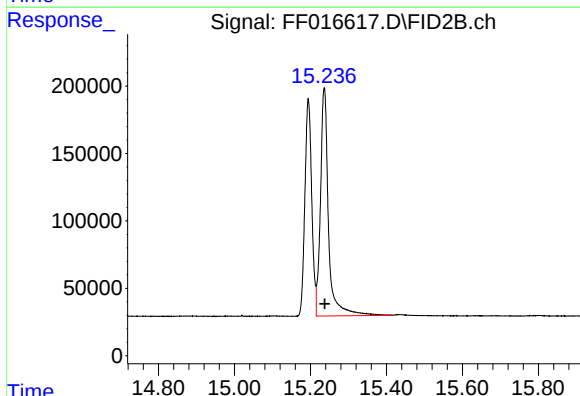
ClientSampleId :

20 PPM AROMATIC HC STD ICV



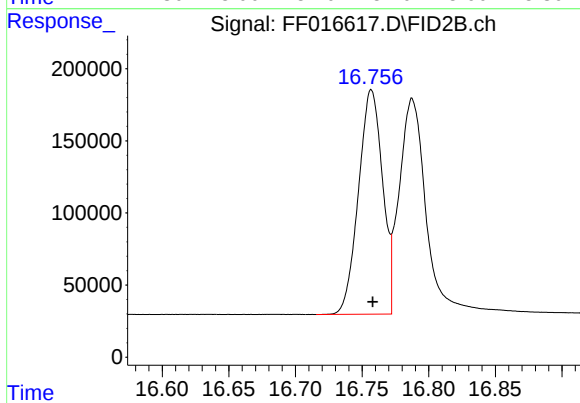
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: -0.002 min
Response: 2012681
Conc: 17.67 ug/ml



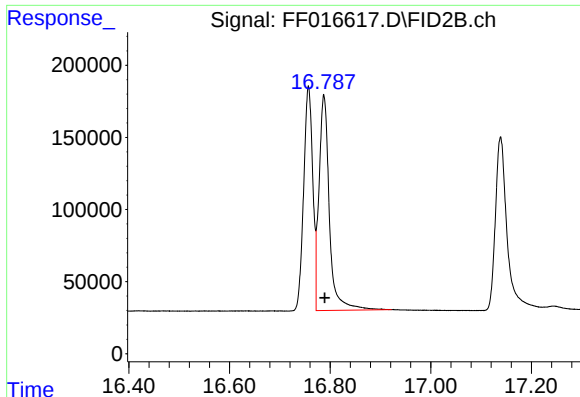
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: -0.001 min
Response: 2491463
Conc: 17.66 ug/ml



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

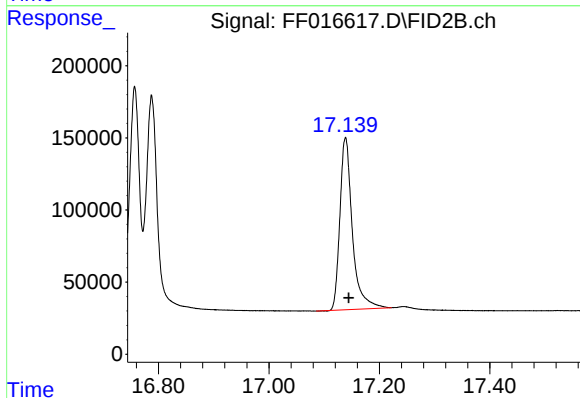
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 1954751
Conc: 17.59 ug/ml



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

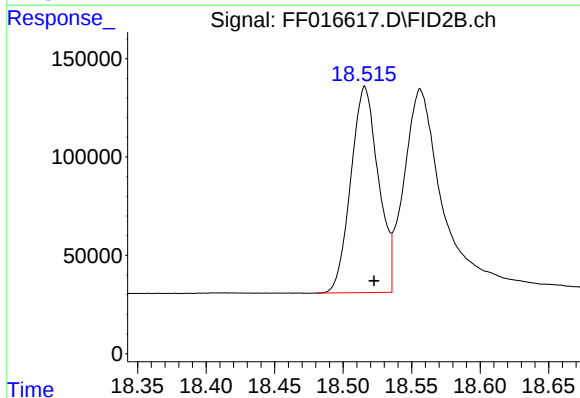
R.T.: 16.788 min
Delta R.T.: -0.002 min
Response: 2141375
Conc: 17.53 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



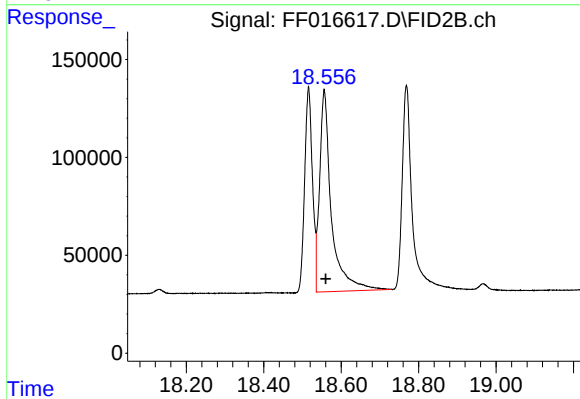
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 1866797
Conc: 17.01 ug/ml



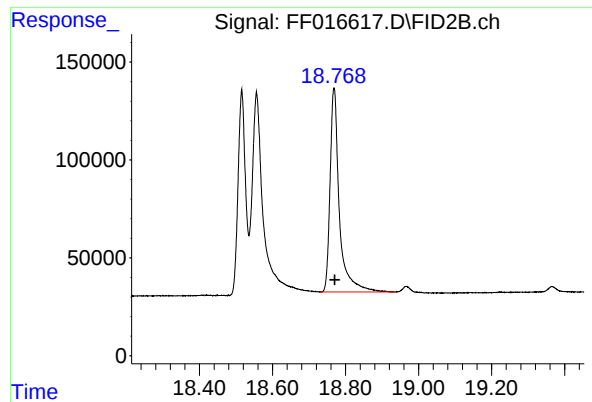
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.007 min
Response: 1463400
Conc: 17.01 ug/ml



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

R.T.: 18.556 min
Delta R.T.: -0.004 min
Response: 2179893
Conc: 16.55 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.002 min
Response: 1840657
Conc: 17.37 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
Data File : FF016617.D
Signal(s) : FID2B.ch
Acq On : 29 Oct 2025 19:06
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.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	4.609	4.577	4.684	BB	230932	2304294	90.39%	5.082%
2	6.285	6.249	6.419	BB	222963	2322510	91.11%	5.122%
3	7.385	7.352	7.515	BB	216096	2342738	91.90%	5.167%
4	8.015	7.960	8.135	BB	181217	1989340	78.04%	4.388%
5	8.690	8.650	8.815	BB	218649	2371103	93.02%	5.230%
6	8.891	8.832	8.960	BV	104918	1263649	49.57%	2.787%
7	8.989	8.960	9.127	VB	223541	2440948	95.76%	5.384%
8	9.780	9.745	9.934	BB	184348	2289982	89.83%	5.051%
9	11.187	11.104	11.237	BV	195343	2314662	90.80%	5.105%
10	11.262	11.237	11.457	VB	170050	2415928	94.77%	5.328%
11	11.956	11.904	12.039	BB	227614	2549143	100.00%	5.622%
12	13.010	12.974	13.137	BB	186498	2381378	93.42%	5.252%
13	13.309	13.274	13.435	BB	196908	2403313	94.28%	5.301%
14	15.195	15.159	15.215	BV	161306	2012681	78.96%	4.439%
15	15.236	15.215	15.414	VV	169772	2491463	97.74%	5.495%
16	16.757	16.715	16.772	BV	155607	1954751	76.68%	4.311%
17	16.788	16.772	16.922	VB	149656	2141375	84.00%	4.723%
18	17.139	17.085	17.222	BV	119572	1866797	73.23%	4.117%
19	18.516	18.480	18.536	BV	104765	1463400	57.41%	3.228%
20	18.556	18.536	18.730	VBA	102744	2179893	85.51%	4.808%
21	18.769	18.730	18.937	BV	104180	1840657	72.21%	4.060%
Sum of corrected areas:							45340003	

Aromatic EPH 102925.M Thu Oct 30 03:47:52 2025