

Initial Calibration Report for SequenceID : FD061825AR

AreaCount

Parameter Range	FD049492.D	FD049493.D	FD049494.D	FD049495.D	FD049496.D	
Aromatic C10-C12	25735560.000	12325859.000	4948171.000	2578508.000	1213542.000	
Aromatic C12-C16	45145019.000	21658777.000	8876063.000	4637539.000	2225304.000	
Aromatic C16-C21	61970813.000	30377796.000	12685019.000	6570843.000	3117343.000	
Aromatic C21-C36	119608283.000	60367448.000	25249953.000	13069434.000	6219357.000	
Aromatic EPH	252459675.000	124729880.000	51759206.000	26856324.000	12775546.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	125184.053	2.731				
Aromatic C12-C16	149149.5719996	2.51				
Aromatic C16-C21	157103.395	2.968				
Aromatic C21-C36	138149.8719996	3.584				
Aromatic EPH	142754.4027776	2.864				

Concentration

Parameter Range	FD049492.D	FD049493.D	FD049494.D	FD049495.D	FD049496.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	FD049492.D	FD049493.D	FD049494.D	FD049495.D	FD049496.D	
Aromatic C10-C12	128677.800000	123258.590000	123704.275000	128925.400000	121354.200000	
Aromatic C12-C16	150483.396666	144391.846666	147934.383333	154584.633333	148353.600000	
Aromatic C16-C21	154927.032500	151888.980000	158562.737500	164271.075000	155867.150000	
Aromatic C21-C36	132898.092222	134149.884444	140277.516666	145215.933333	138207.933333	
Aromatic EPH	140255.375000	138588.755555	143775.572222	149201.800000	141950.511111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049492.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 11:17
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 18 13:09:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:06:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.741	12748587	100.742 ug/ml
Spiked Amount 50.000		Recovery =	201.48%
6) S 2-Fluorobiphenyl (SURR)	8.609	9070361	101.081 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.16%#
11) S ortho-Terphenyl (SURR)	11.655	15530269	98.639 ug/ml
Spiked Amount 50.000		Recovery =	197.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	11843975	101.648 ug/ml
2) T Naphthalene (C11.7)	6.078	13891585	102.248 ug/ml
3) T 2-Methylnaphthalene (...)	7.133	14608985	102.046 ug/ml
5) T Acenaphthylene (C15.06)	8.413	15315201	99.819 ug/ml
7) T Acenaphthene (C15.5)	8.711	15220833	100.776 ug/ml
8) T Fluorene (C16.55)	9.492	15383073	99.911 ug/ml
9) T Phenanthrene (C19.36)	10.892	15648623	98.619 ug/ml
10) T Anthracene (C19.43)	10.969	15593266	99.113 ug/ml
12) T Fluoranthene (C21.85)	12.708	15390927	97.849 ug/ml
13) T Pyrene (C20.8)	13.007	15345851	97.741 ug/ml
14) T Benzo[a]anthracene (C...	14.878	14256967	97.341 ug/ml
15) T Chrysene (C27.41)	14.926	14339025	97.211 ug/ml
16) T benzo[b]fluoranthene ...	16.431	13552247	97.393 ug/ml
17) T Bnezo[k]fluoranthene ...	16.470	12666658	97.178 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	13124309	97.115 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	12080043	99.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.220	11842648	96.305 ug/ml
21) T Benzo[g,h,i]perylene ...	18.442	12355459	97.460 ug/ml

(f)=RT Delta > 1/2 Window

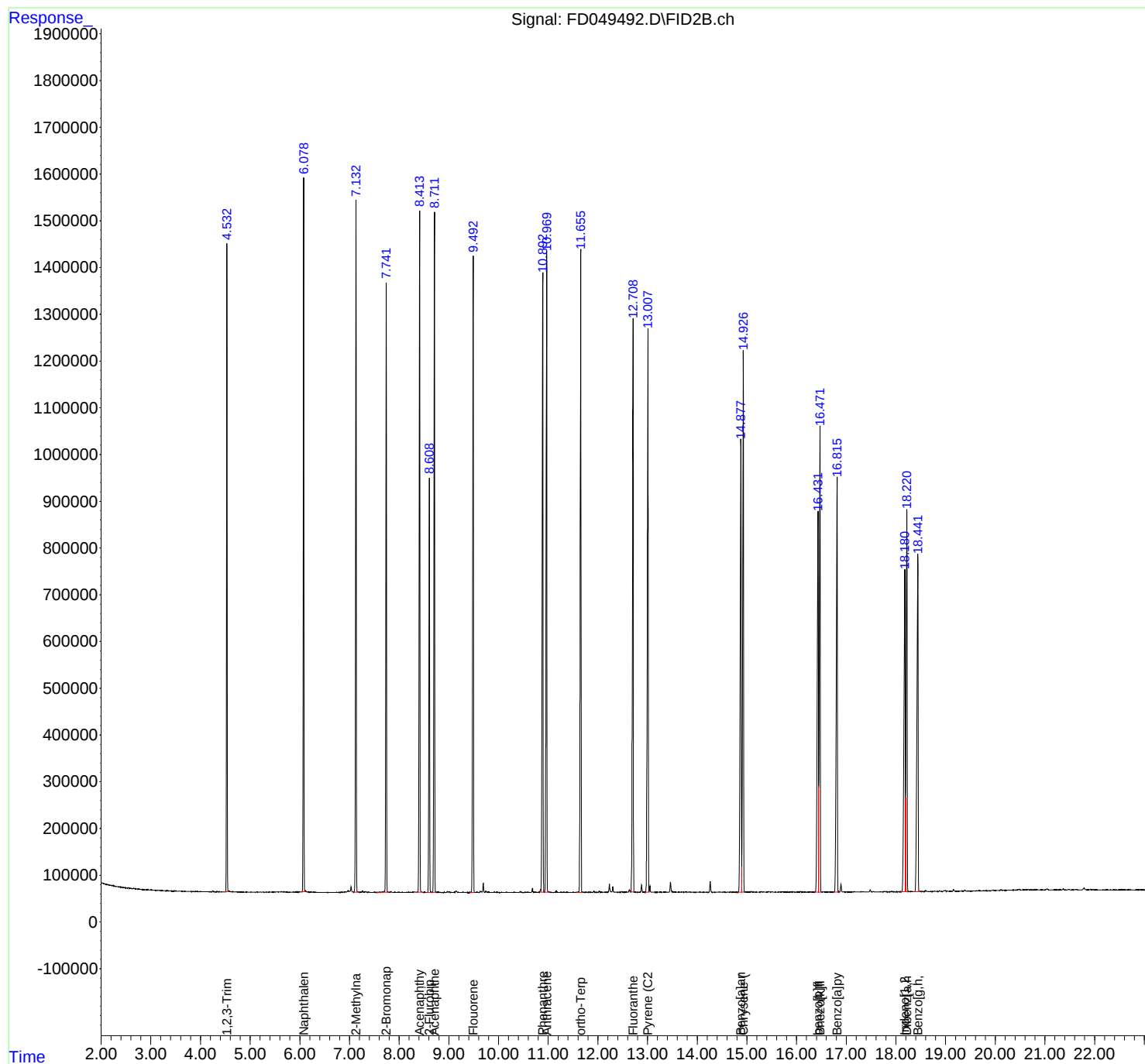
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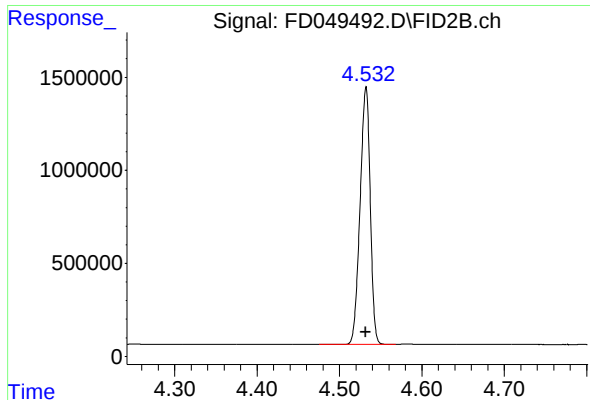
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Data File : FD049492.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 11:17
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 18 13:09:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:06:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

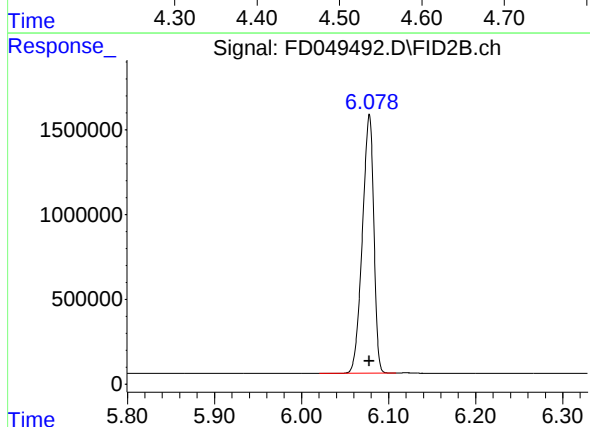




#1 1,2,3-Trimethylbenzene (C10.1)

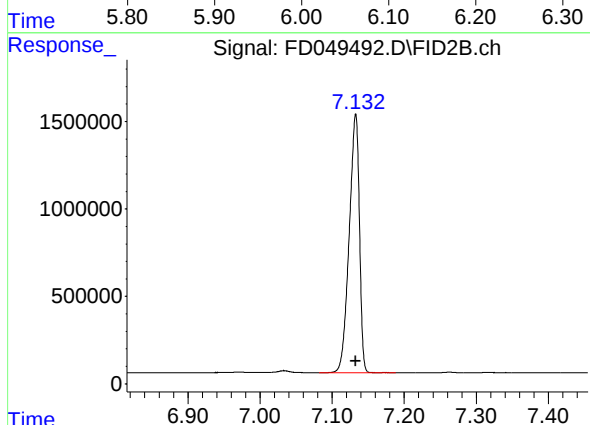
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 11843975
Conc: 101.65 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



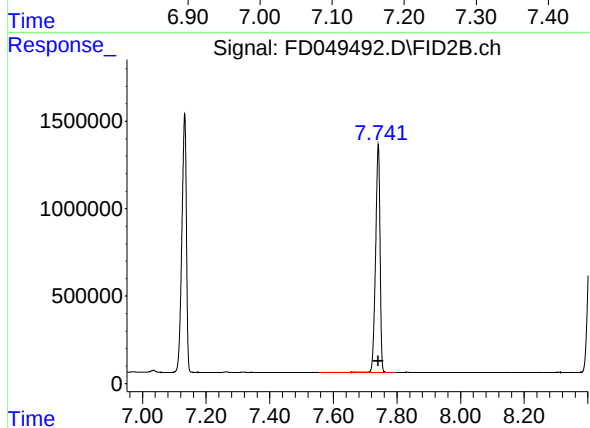
#2 Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 13891585
Conc: 102.25 ug/ml



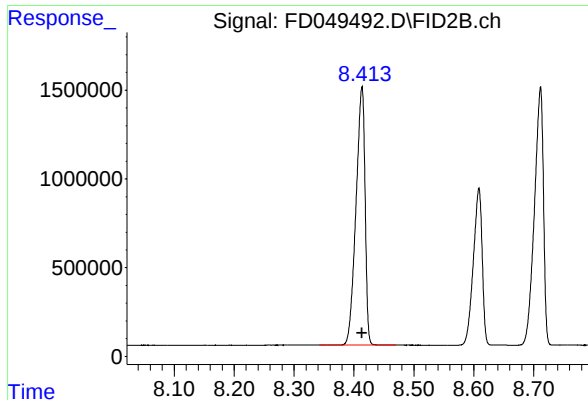
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 14608985
Conc: 102.05 ug/ml



#4 2-Bromonaphthalene (SURR)

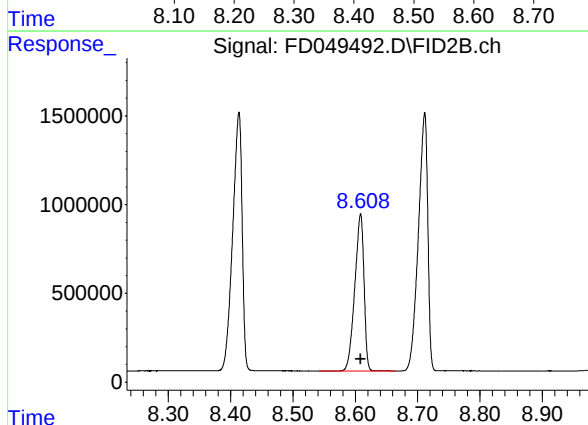
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 12748587
Conc: 100.74 ug/ml



#5 Acenaphthylene (C15.06)

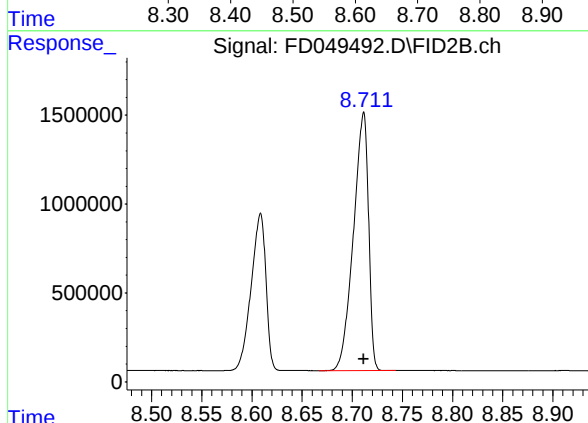
R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 15315201
Conc: 99.82 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1



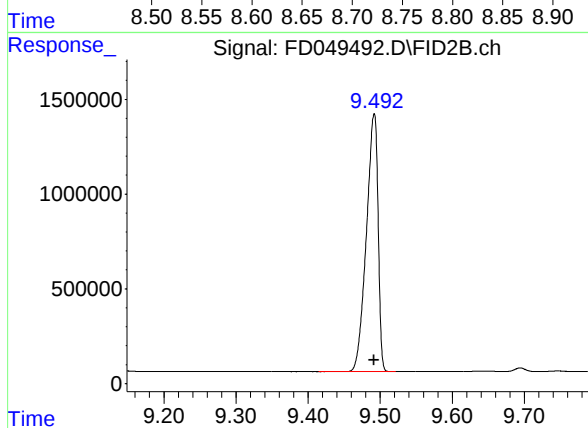
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 9070361
Conc: 101.08 ug/ml



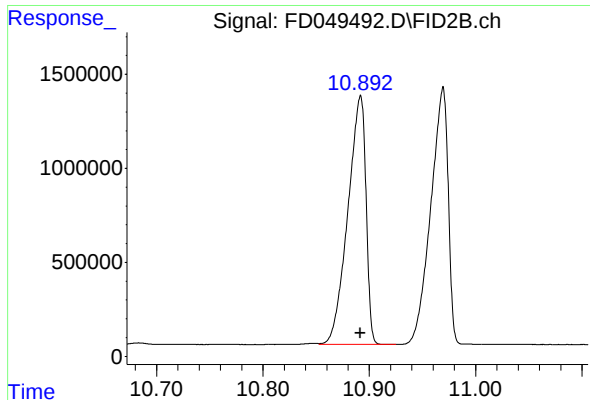
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 15220833
Conc: 100.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 15383073
Conc: 99.91 ug/ml



#9 Phenanthrene (C19.36)

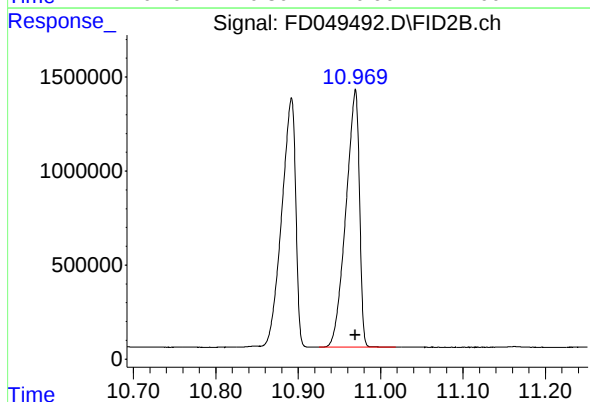
R.T.: 10.892 min
Delta R.T.: 0.000 min
Response: 15648623
Conc: 98.62 ug/ml

Instrument :

FID_D

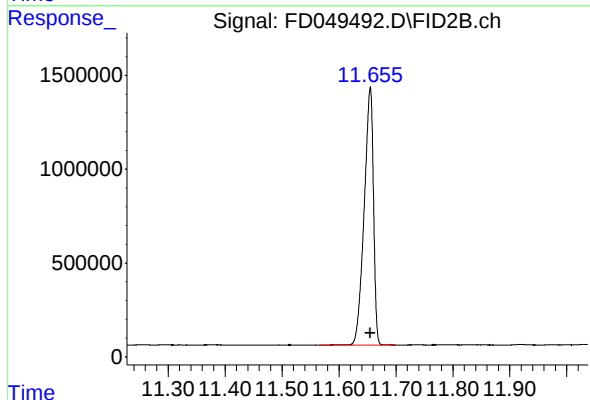
ClientSampleId :

100 PPM AROMATIC HC STD1



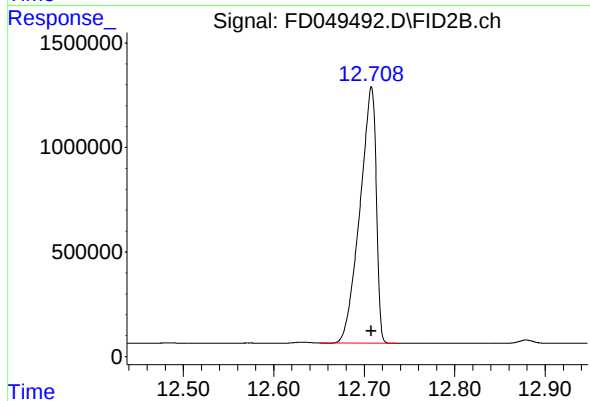
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: 0.000 min
Response: 15593266
Conc: 99.11 ug/ml



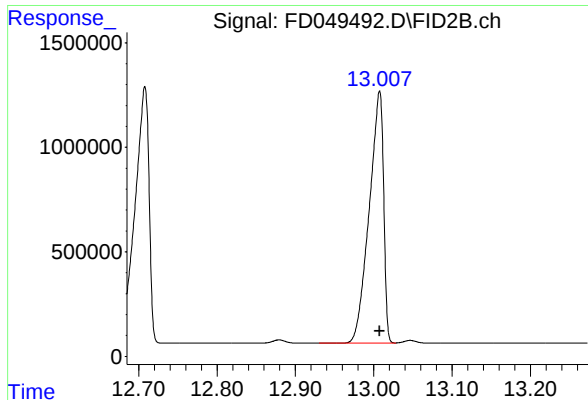
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 15530269
Conc: 98.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.708 min
Delta R.T.: 0.000 min
Response: 15390927
Conc: 97.85 ug/ml



#13 Pyrene (C20.8)

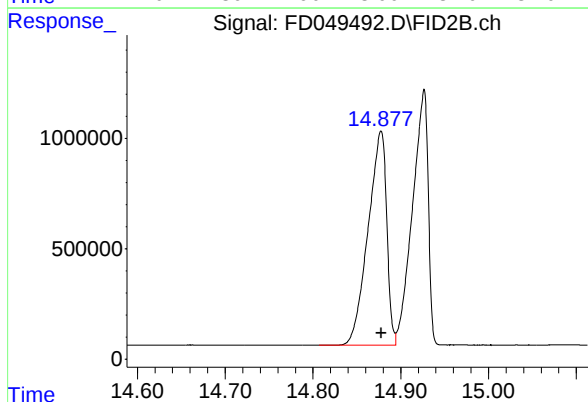
R.T.: 13.007 min
Delta R.T.: 0.000 min
Response: 15345851
Conc: 97.74 ug/ml

Instrument :

FID_D

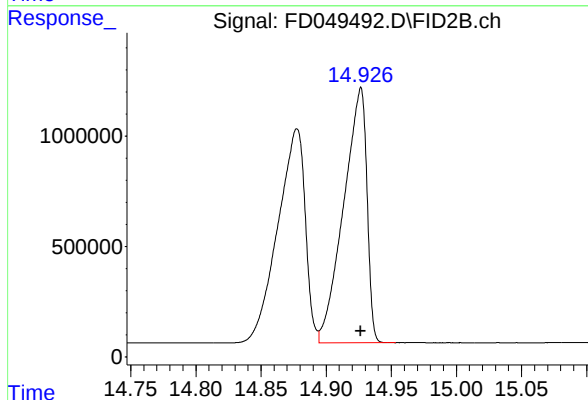
ClientSampleId :

100 PPM AROMATIC HC STD1



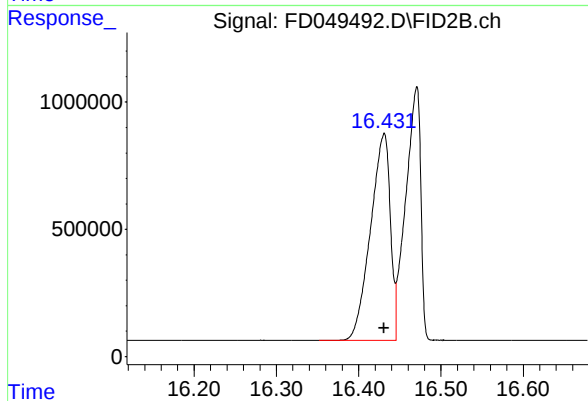
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 14256967
Conc: 97.34 ug/ml



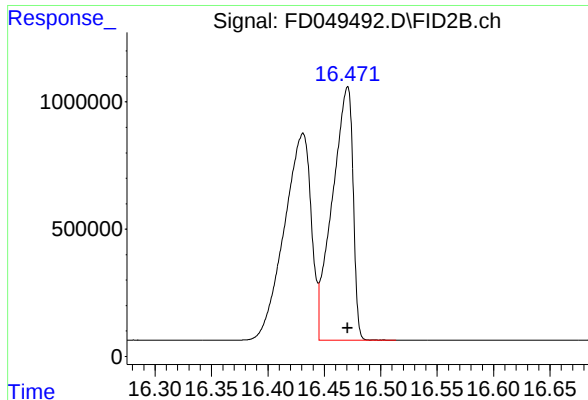
#15 Chrysene (C27.41)

R.T.: 14.926 min
Delta R.T.: 0.000 min
Response: 14339025
Conc: 97.21 ug/ml



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

R.T.: 16.431 min
Delta R.T.: 0.000 min
Response: 13552247
Conc: 97.39 ug/ml



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

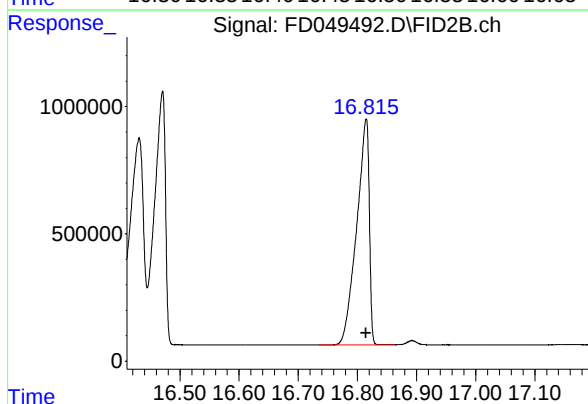
R.T.: 16.470 min
Delta R.T.: 0.000 min
Response: 1266658
Conc: 97.18 ug/ml

Instrument :

FID_D

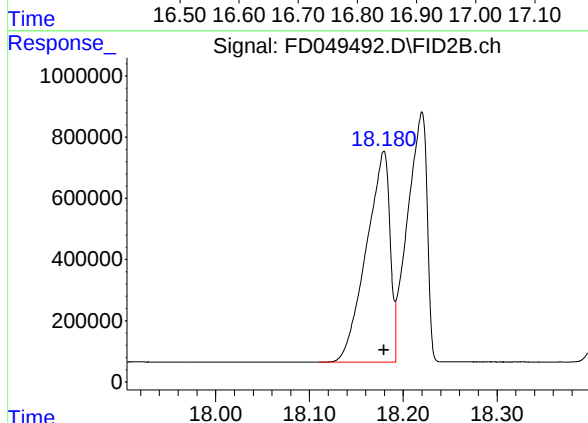
ClientSampleId :

100 PPM AROMATIC HC STD1



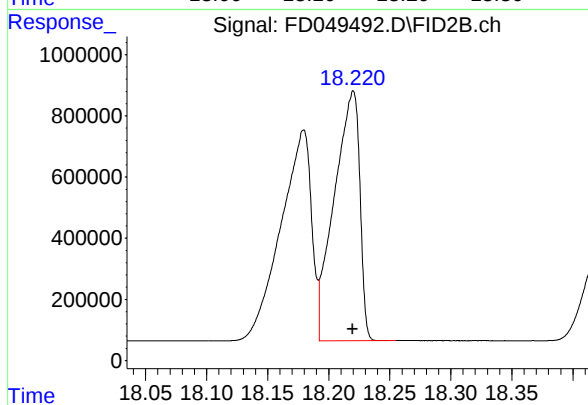
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.815 min
Delta R.T.: 0.000 min
Response: 13124309
Conc: 97.11 ug/ml



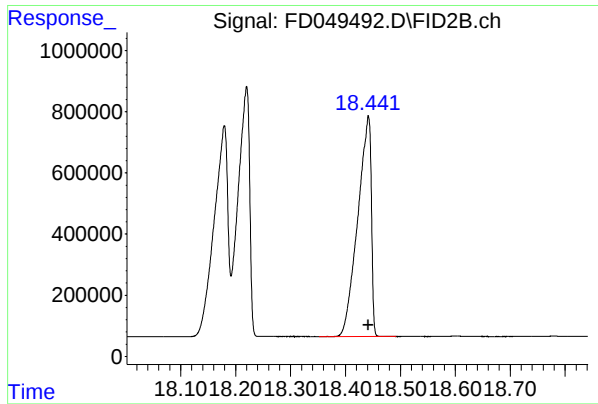
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.179 min
Delta R.T.: 0.000 min
Response: 12080043
Conc: 99.00 ug/ml



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

R.T.: 18.220 min
Delta R.T.: 0.000 min
Response: 11842648
Conc: 96.31 ug/ml



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

R.T.: 18.442 min

Delta R.T.: 0.000 min

Response: 12355459

Conc: 97.46 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049493.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 11:58
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 18 13:10:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:06:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.737	6089272	48.730 ug/ml
Spiked Amount 50.000		Recovery =	97.46%
6) S 2-Fluorobiphenyl (SURR)	8.603	4340800	48.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.81%
11) S ortho-Terphenyl (SURR)	11.648	7578385	48.740 ug/ml
Spiked Amount 50.000		Recovery =	97.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	5703290	49.293 ug/ml
2) T Naphthalene (C11.7)	6.074	6622569	49.156 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	6947245	49.009 ug/ml
5) T Acenaphthylene (C15.06)	8.407	7399108	48.802 ug/ml
7) T Acenaphthene (C15.5)	8.704	7312424	48.932 ug/ml
8) T Fluorene (C16.55)	9.485	7438668	48.863 ug/ml
9) T Phenanthrene (C19.36)	10.884	7689139	48.961 ug/ml
10) T Anthracene (C19.43)	10.960	7597949	48.849 ug/ml
12) T Fluoranthene (C21.85)	12.699	7654270	49.100 ug/ml
13) T Pyrene (C20.8)	12.998	7652040	49.151 ug/ml
14) T Benzo[a]anthracene (C...	14.870	7191201	49.395 ug/ml
15) T Chrysene (C27.41)	14.914	7244024	49.404 ug/ml
16) T benzo[b]fluoranthene ...	16.420	6852542	49.495 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	6463615	49.573 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.801	6656992	49.504 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	5956686	49.205 ug/ml
20) T Dibenz[a,h]anthracene...	18.205	6131323	49.630 ug/ml
21) T Benzo[g,h,i]perylene ...	18.425	6216795	49.355 ug/ml

(f)=RT Delta > 1/2 Window

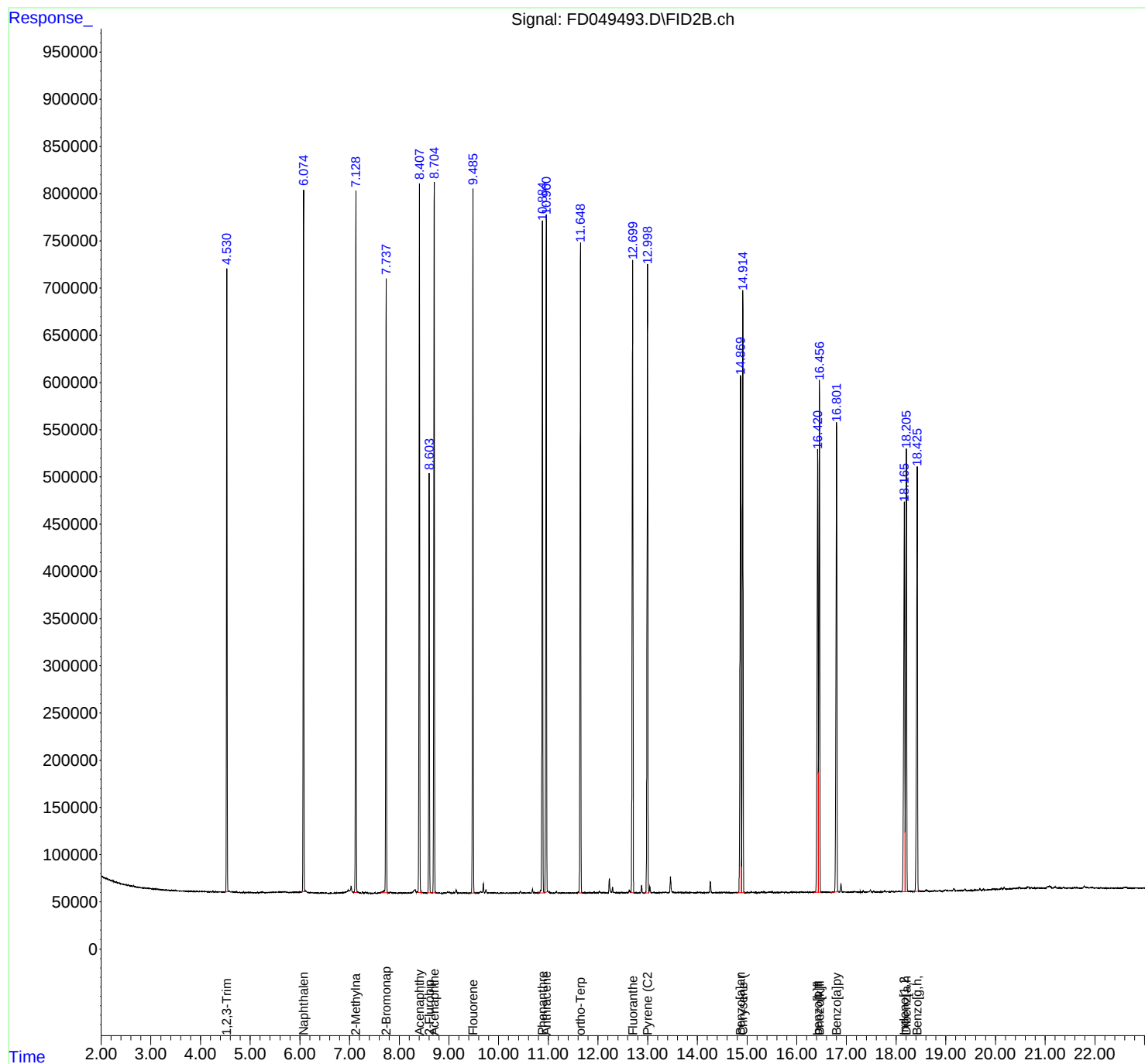
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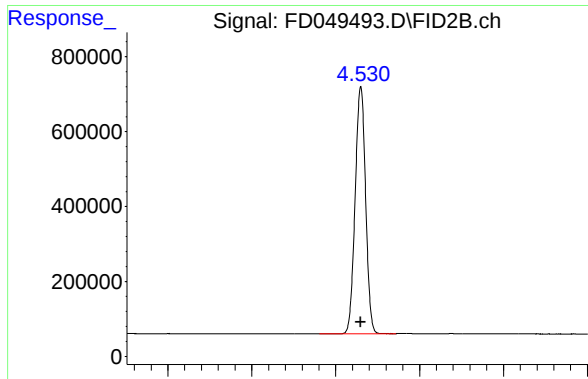
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
Data File : FD049493.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 11:58
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Jun 18 13:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:06:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

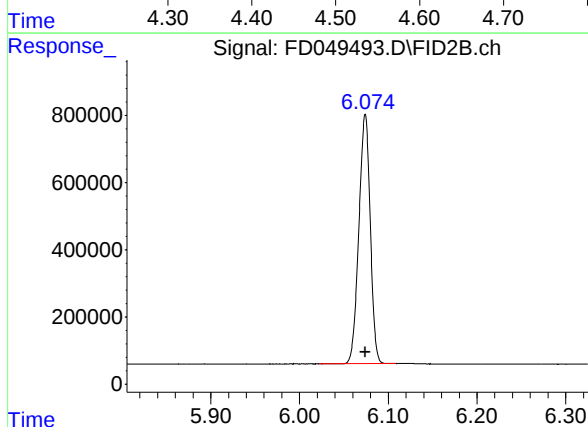




#1 1,2,3-Trimethylbenzene (C10.1)

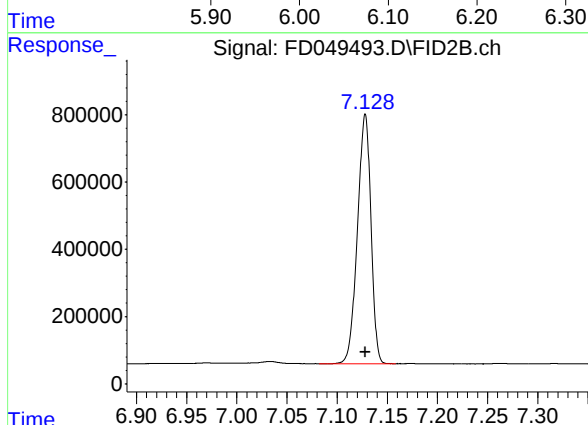
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 5703290
Conc: 49.29 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



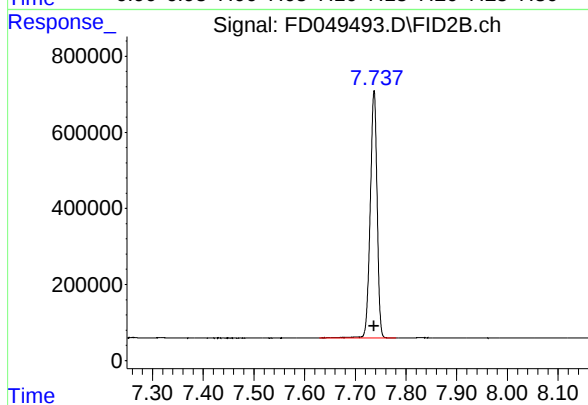
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 6622569
Conc: 49.16 ug/ml



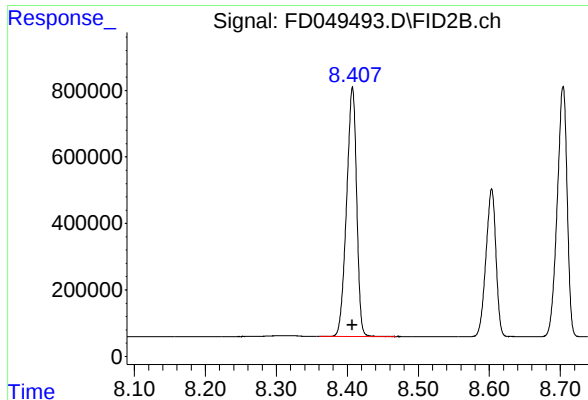
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 6947245
Conc: 49.01 ug/ml



#4 2-Bromonaphthalene (SURR)

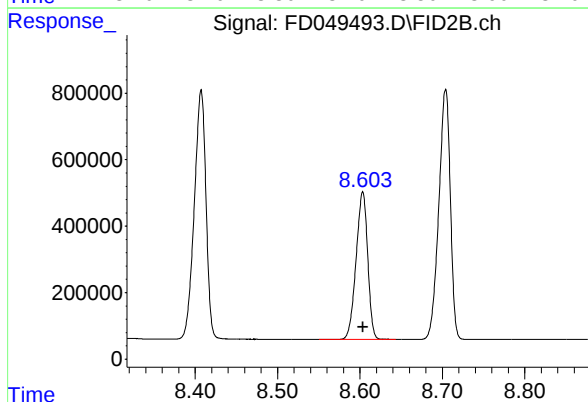
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 6089272
Conc: 48.73 ug/ml



#5 Acenaphthylene (C15.06)

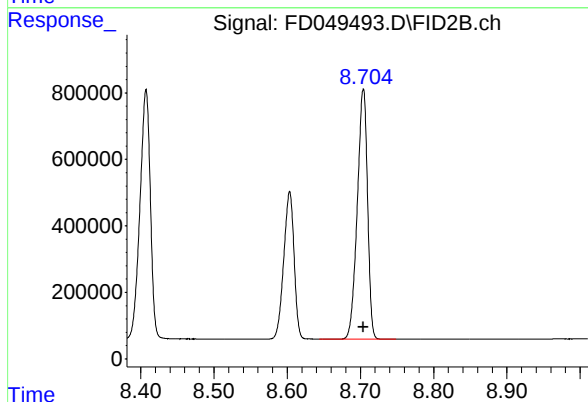
R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 7399108
Conc: 48.80 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



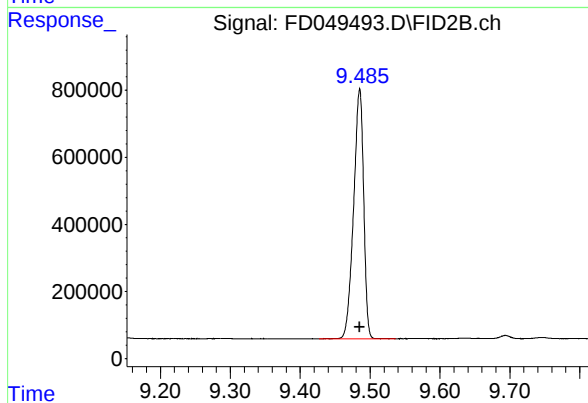
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 4340800
Conc: 48.90 ug/ml



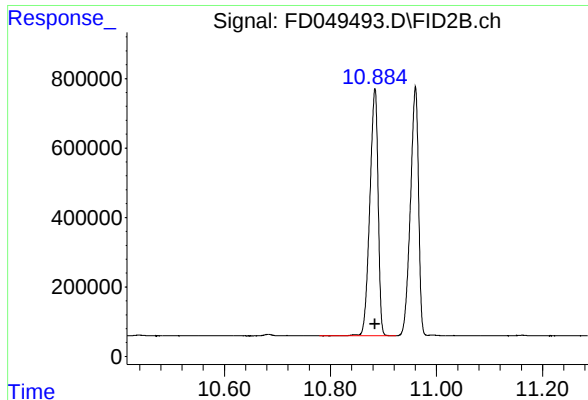
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 7312424
Conc: 48.93 ug/ml



#8 Fluorene (C16.55)

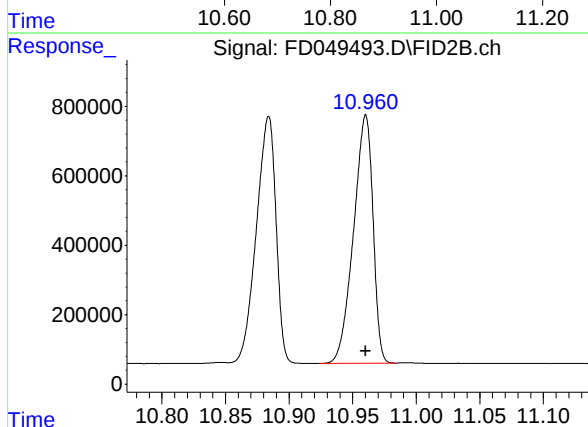
R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 7438668
Conc: 48.86 ug/ml



#9 Phenanthrene (C19.36)

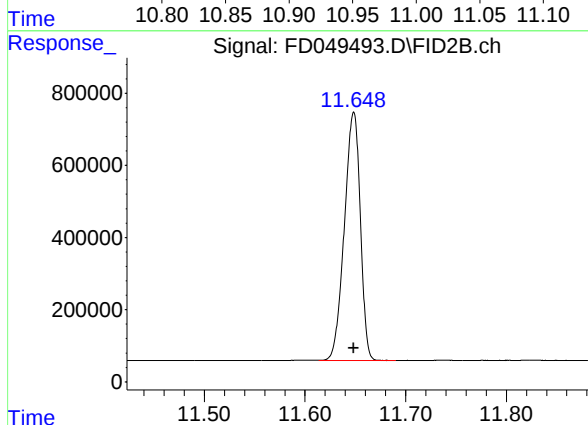
R.T.: 10.884 min
Delta R.T.: 0.000 min
Response: 7689139
Conc: 48.96 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



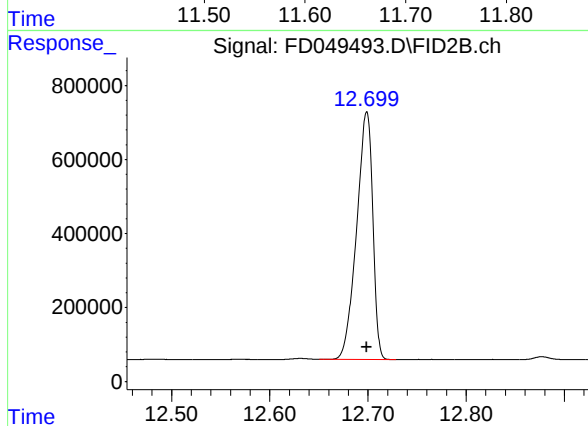
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: 0.000 min
Response: 7597949
Conc: 48.85 ug/ml



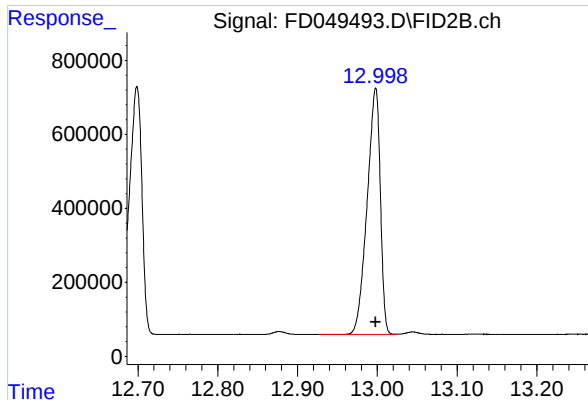
#11 ortho-Terphenyl (SURRE)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 7578385
Conc: 48.74 ug/ml



#12 Fluoranthene (C21.85)

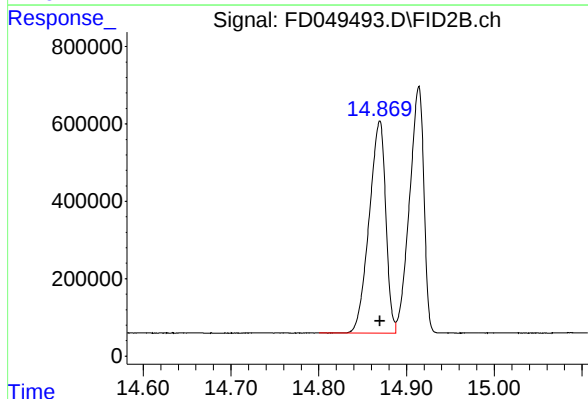
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 7654270
Conc: 49.10 ug/ml



#13 Pyrene (C20.8)

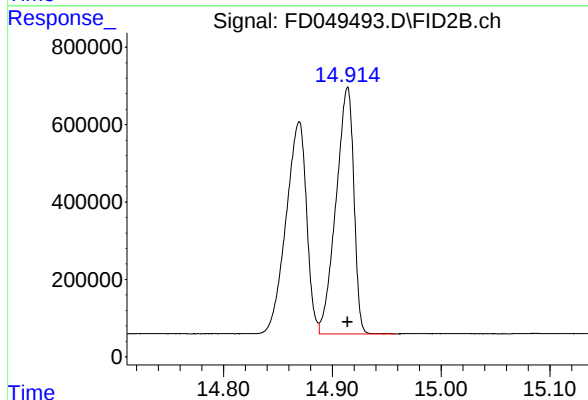
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 7652040
Conc: 49.15 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



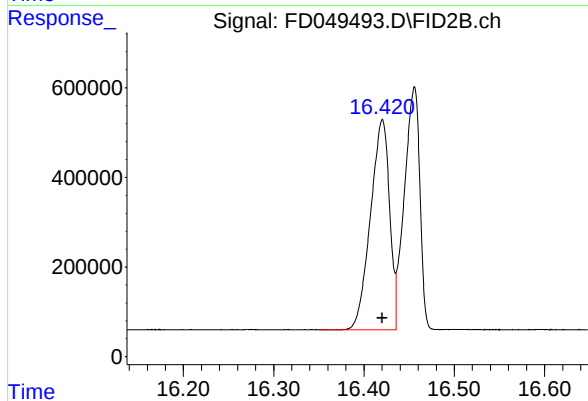
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.870 min
Delta R.T.: 0.000 min
Response: 7191201
Conc: 49.40 ug/ml



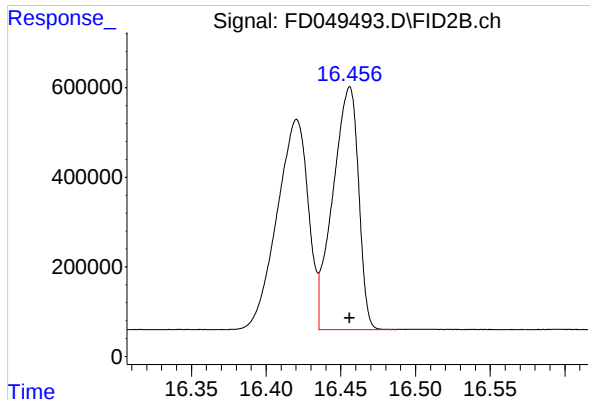
#15 Chrysene (C27.41)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 7244024
Conc: 49.40 ug/ml



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

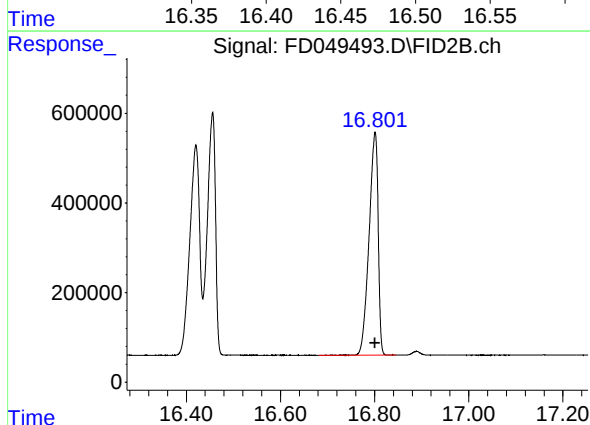
R.T.: 16.420 min
Delta R.T.: 0.000 min
Response: 6852542
Conc: 49.49 ug/ml



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

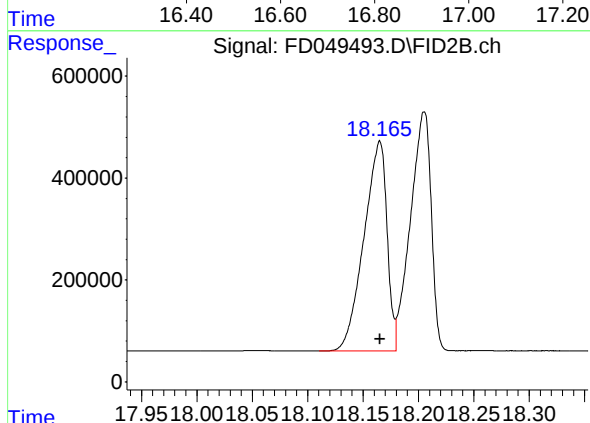
R.T.: 16.456 min
Delta R.T.: 0.000 min
Response: 6463615
Conc: 49.57 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



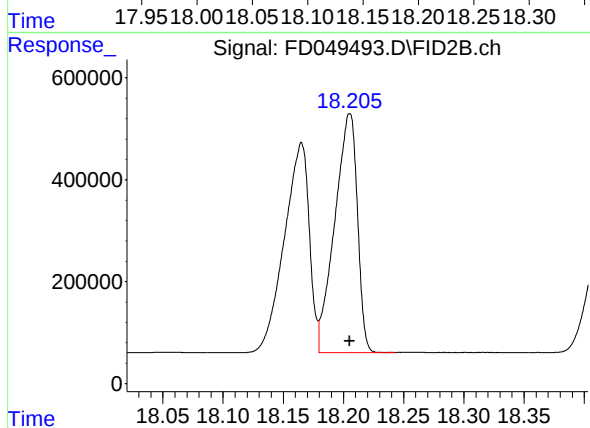
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.801 min
Delta R.T.: 0.000 min
Response: 6656992
Conc: 49.50 ug/ml



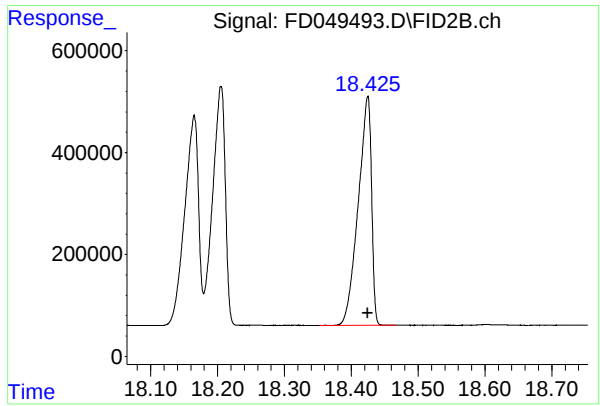
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.165 min
Delta R.T.: 0.000 min
Response: 5956686
Conc: 49.21 ug/ml



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

R.T.: 18.205 min
Delta R.T.: 0.000 min
Response: 6131323
Conc: 49.63 ug/ml



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

R.T.: 18.425 min
Delta R.T.: 0.000 min
Response: 6216795
Conc: 49.35 ug/ml

Instrument :

FID_D

ClientSampleId :

50 PPM AROMATIC HC STD2

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049494.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 12:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 18 13:06:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:06:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.736	2512167	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.601	1775279	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.646	3191768	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2292006	20.000 ug/ml
2) T Naphthalene (C11.7)	6.073	2656165	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	2804620	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.405	3074169	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.701	2997274	20.000 ug/ml
8) T Fluorene (C16.55)	9.481	3082096	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.880	3217385	20.000 ug/ml
10) T Anthracene (C19.43)	10.955	3174468	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.693	3213505	20.000 ug/ml
13) T Pyrene (C20.8)	12.991	3211070	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.863	3007187	20.000 ug/ml
15) T Chrysene (C27.41)	14.905	3032347	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.413	2855550	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	2704394	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2780829	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2464813	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	2591426	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	2599902	20.000 ug/ml

(f)=RT Delta > 1/2 Window

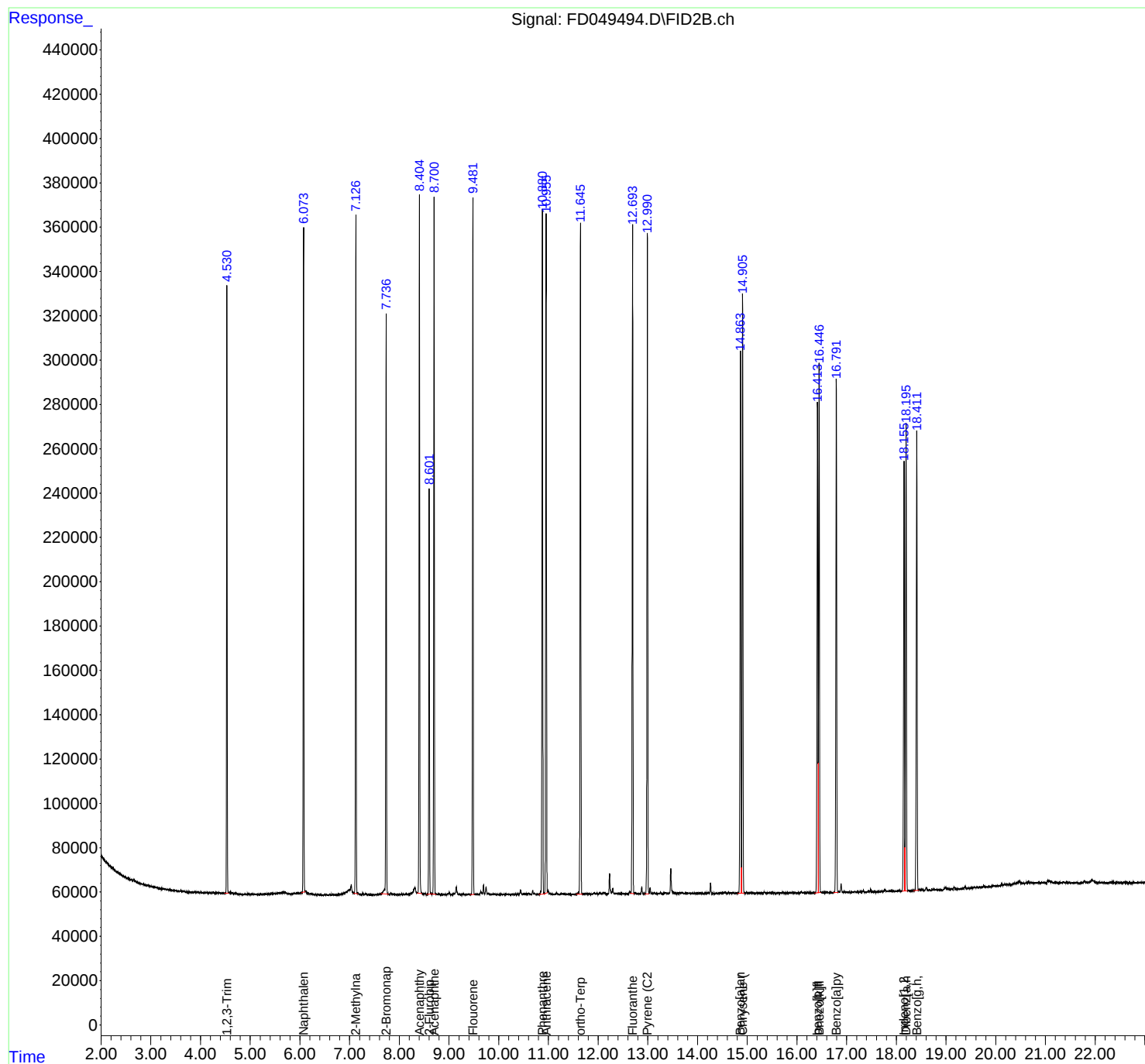
(m)=manual int.

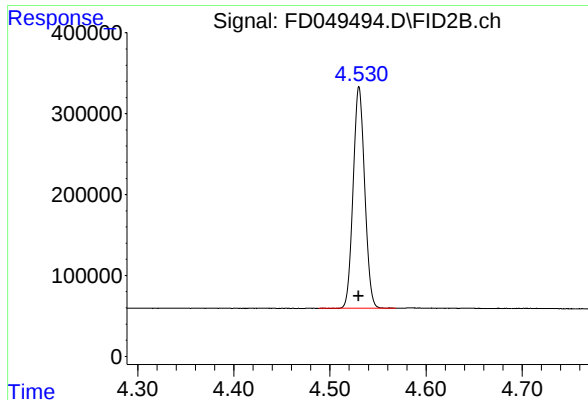
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
Data File : FD049494.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 12:39
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Jun 18 13:06:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:06:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

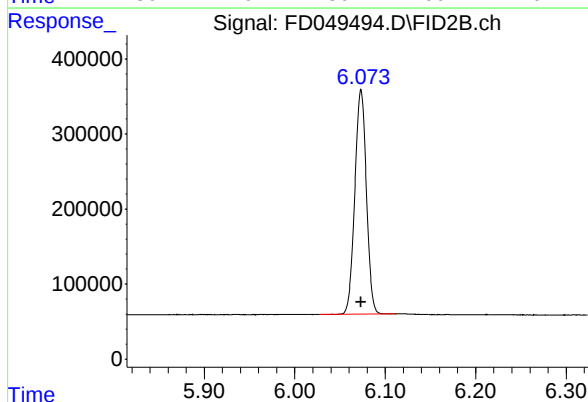




#1 1,2,3-Trimethylbenzene (C10.1)

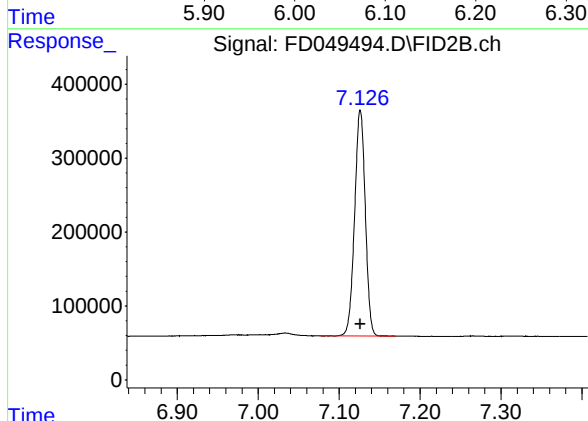
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 2292006
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



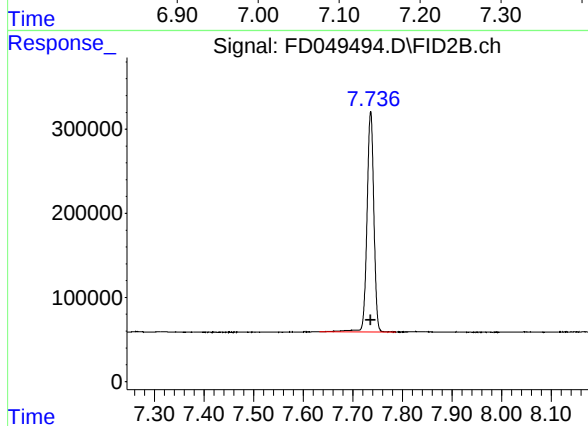
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2656165
Conc: 20.00 ug/ml



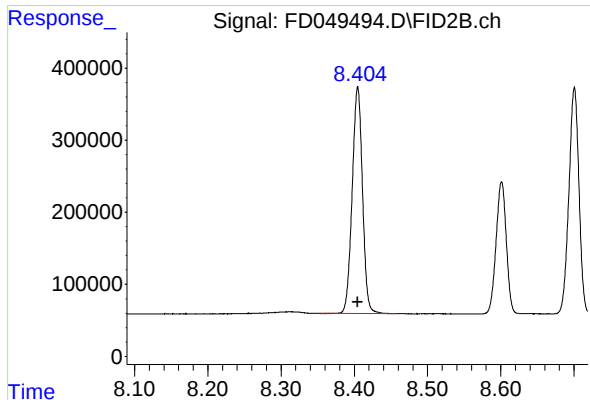
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2804620
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

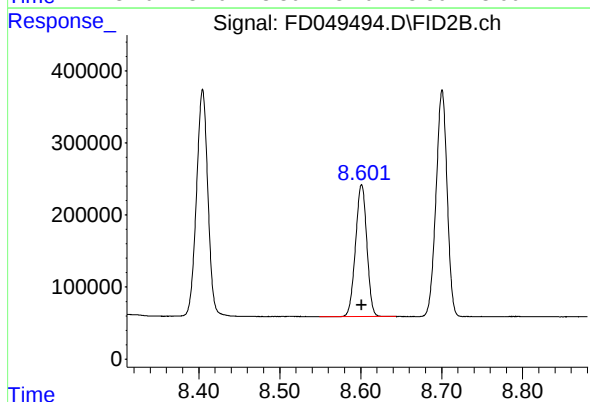
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 2512167
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

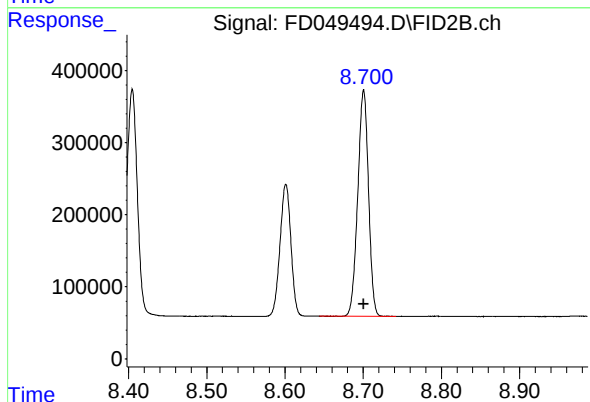
R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 3074169
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



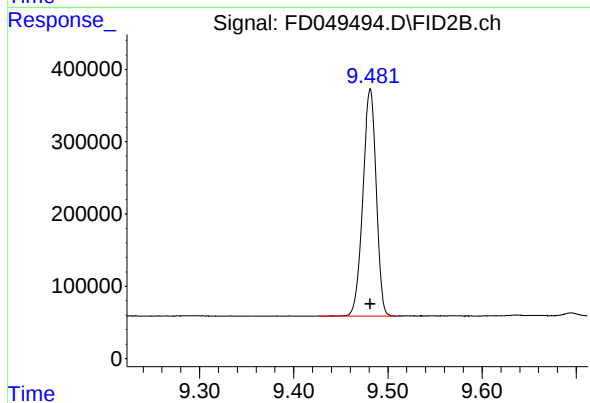
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 1775279
Conc: 20.00 ug/ml



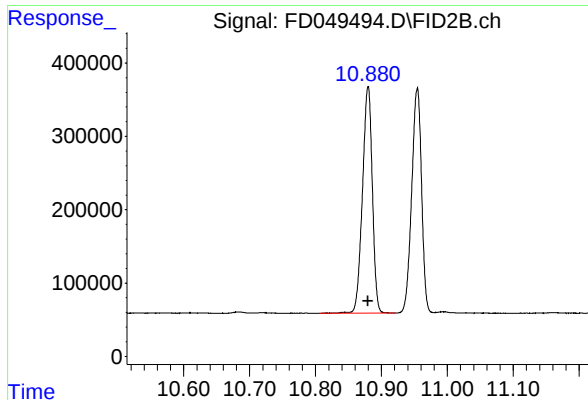
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 2997274
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

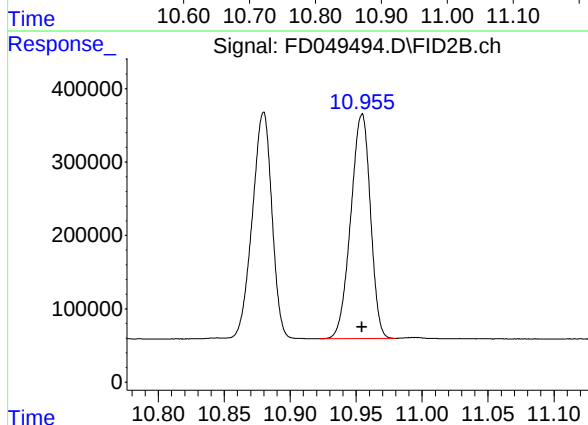
R.T.: 9.481 min
Delta R.T.: 0.000 min
Response: 3082096
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

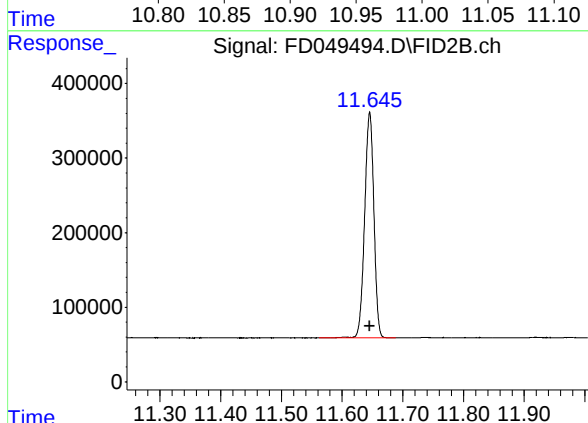
R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 3217385
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



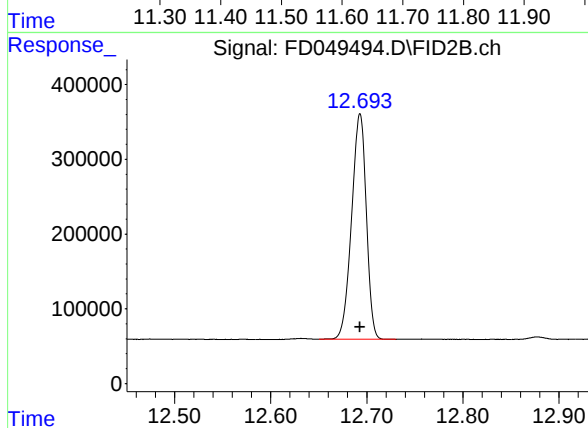
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 3174468
Conc: 20.00 ug/ml



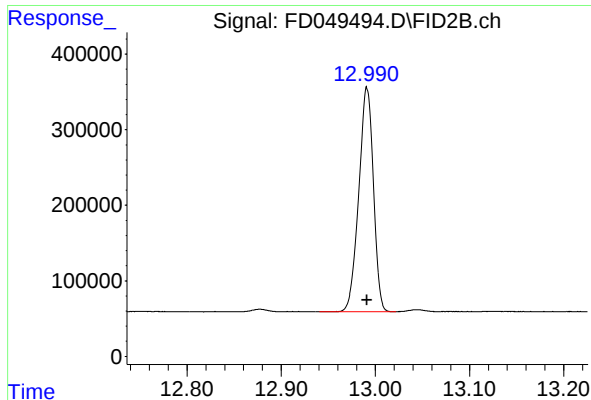
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 3191768
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

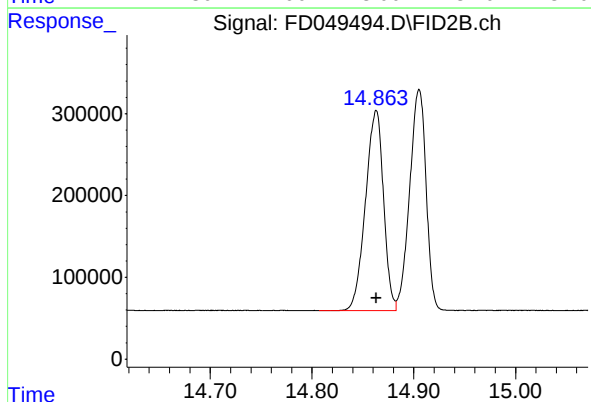
R.T.: 12.693 min
Delta R.T.: 0.000 min
Response: 3213505
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

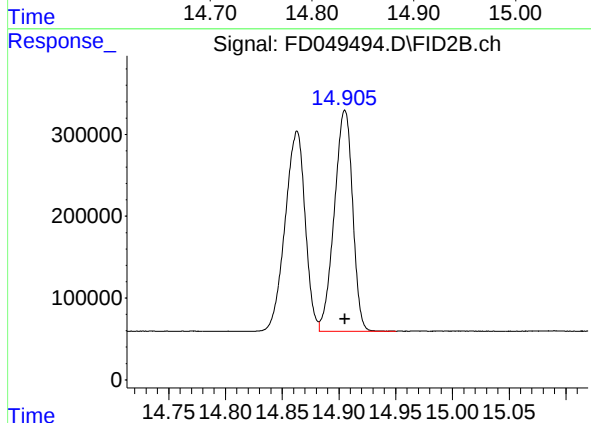
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 3211070
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



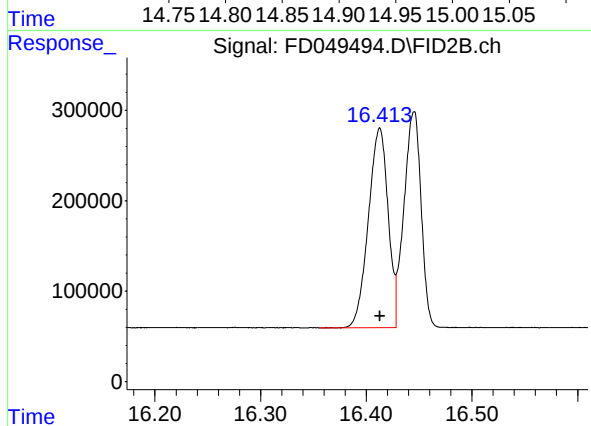
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: 0.000 min
Response: 3007187
Conc: 20.00 ug/ml



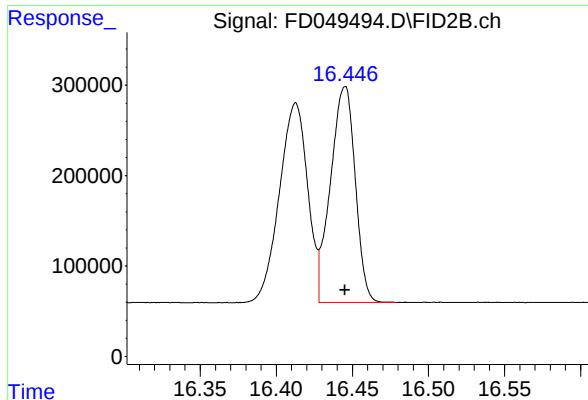
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 3032347
Conc: 20.00 ug/ml



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

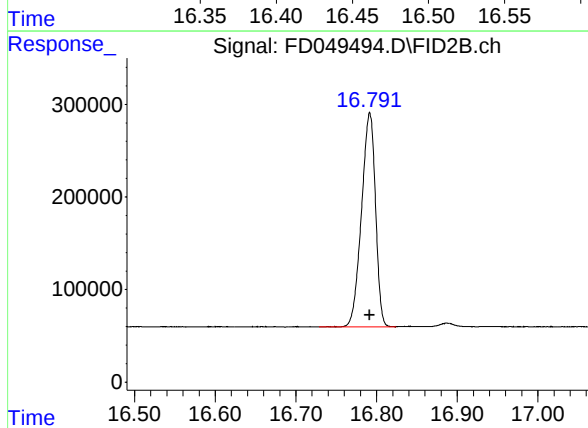
R.T.: 16.413 min
Delta R.T.: 0.000 min
Response: 2855550
Conc: 20.00 ug/ml



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

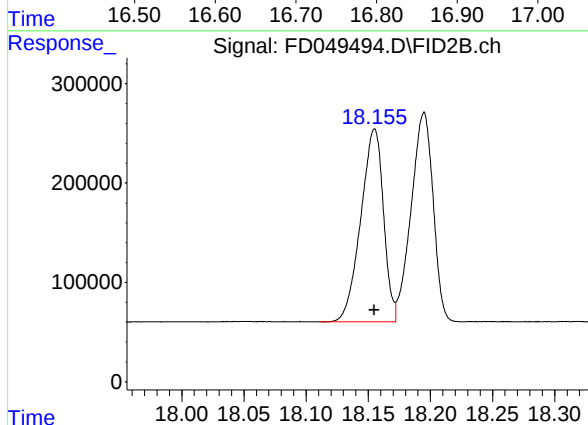
R.T.: 16.445 min
Delta R.T.: 0.000 min
Response: 2704394
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



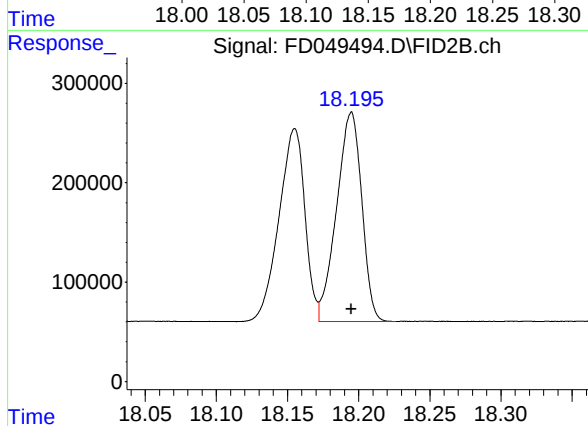
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 2780829
Conc: 20.00 ug/ml



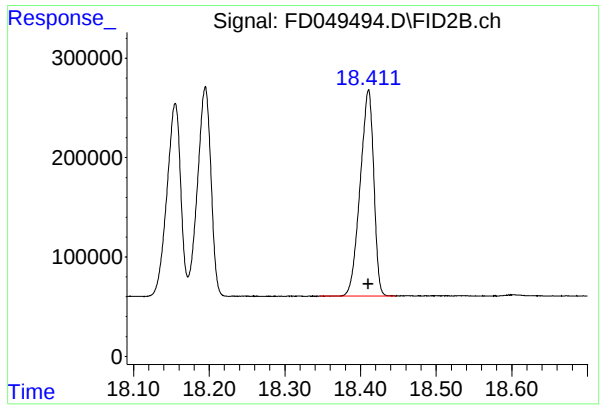
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 2464813
Conc: 20.00 ug/ml



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

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 2591426
Conc: 20.00 ug/ml



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

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 2599902
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049495.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 13:20
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 18 13:43:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:43:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.735	1334646	10.502 ug/ml
Spiked Amount 50.000		Recovery =	21.00%
6) S 2-Fluorobiphenyl (SURR)	8.599	917966	10.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.51%
11) S ortho-Terphenyl (SURR)	11.643	1649655	10.450 ug/ml
Spiked Amount 50.000		Recovery =	20.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	1200497	10.279 ug/ml
2) T Naphthalene (C11.7)	6.073	1378011	10.170 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	1451436	10.178 ug/ml
5) T Acenaphthylene (C15.06)	8.403	1638009	10.591 ug/ml
7) T Acenaphthene (C15.5)	8.699	1548094	10.267 ug/ml
8) T Fluorene (C16.55)	9.479	1600814	10.382 ug/ml
9) T Phenanthrene (C19.36)	10.877	1668057	10.459 ug/ml
10) T Anthracene (C19.43)	10.951	1640730	10.406 ug/ml
12) T Fluoranthene (C21.85)	12.690	1663751	10.496 ug/ml
13) T Pyrene (C20.8)	12.988	1661242	10.495 ug/ml
14) T Benzo[a]anthracene (C...	14.858	1556351	10.509 ug/ml
15) T Chrysene (C27.41)	14.901	1570813	10.525 ug/ml
16) T benzo[b]fluoranthene ...	16.409	1481283	10.515 ug/ml
17) T Bnezo[k]fluoranthene ...	16.440	1401756	10.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	1435755	10.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	1270931	10.369 ug/ml
20) T Dibenz[a,h]anthracene...	18.191	1349680	10.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	1339114	10.466 ug/ml

(f)=RT Delta > 1/2 Window

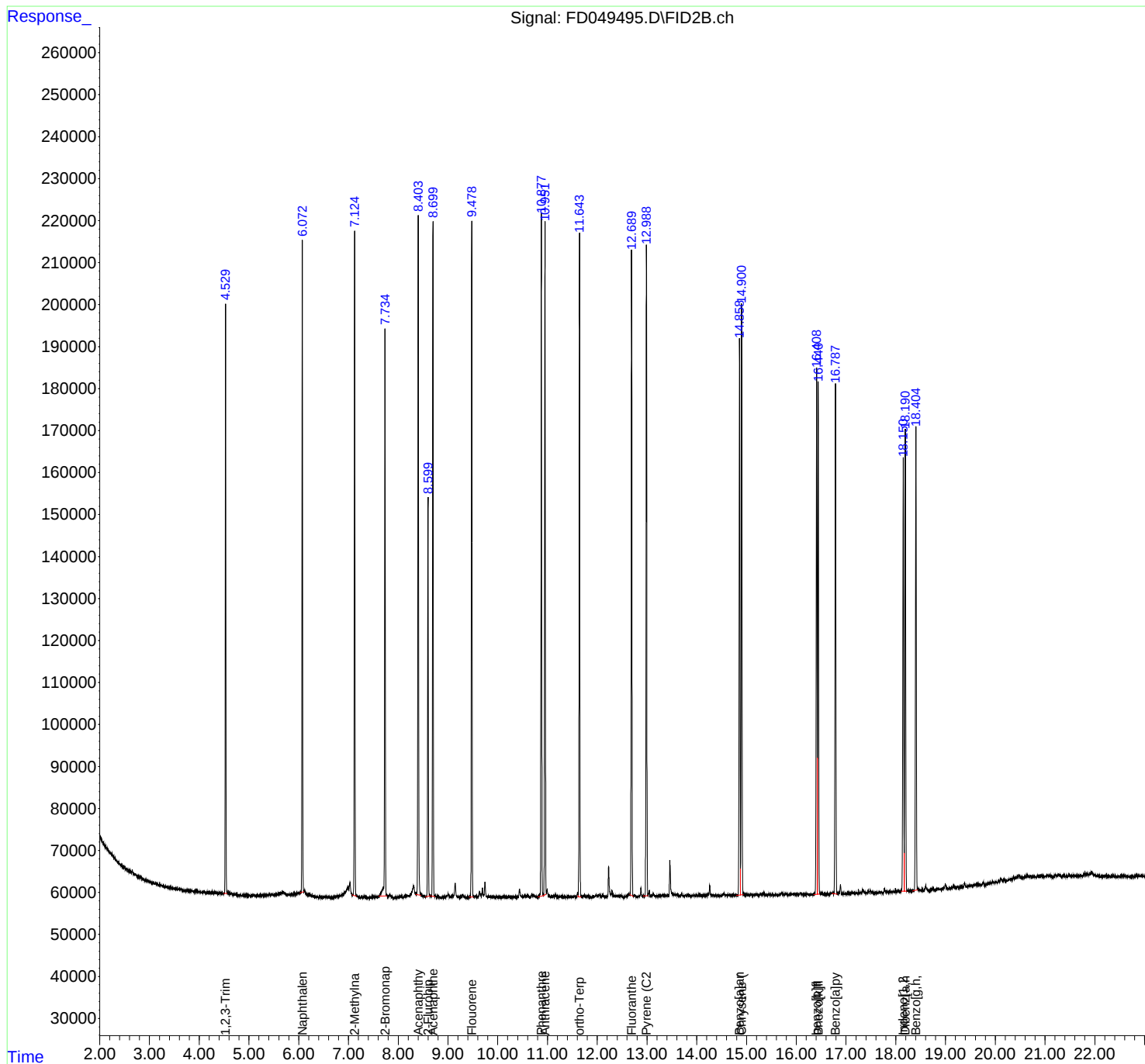
(m)=manual int.

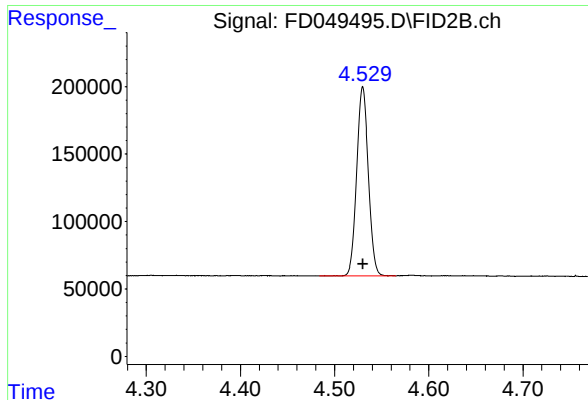
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
Data File : FD049495.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 13:20
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
Quant Time: Jun 18 13:43:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:43:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

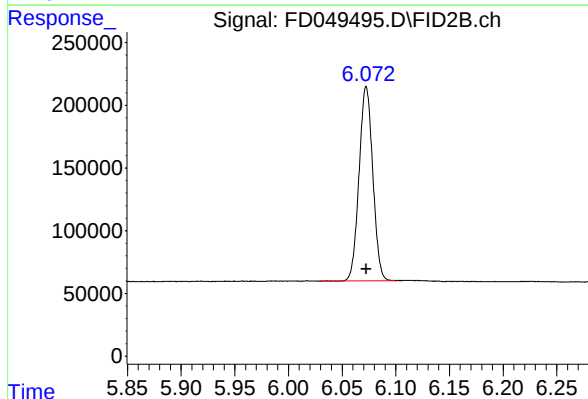




#1 1,2,3-Trimethylbenzene (C10.1)

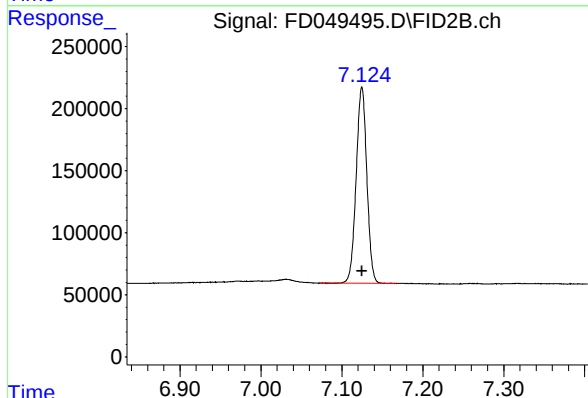
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1200497
Conc: 10.28 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



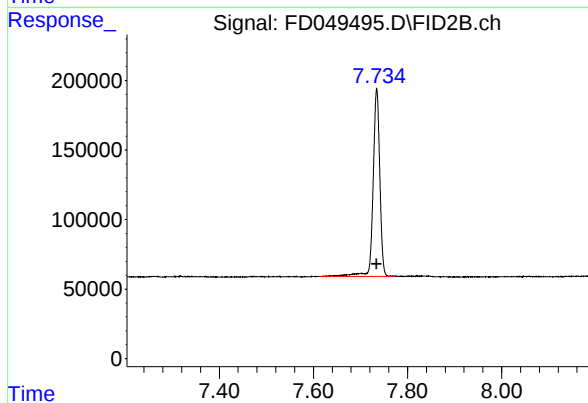
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1378011
Conc: 10.17 ug/ml



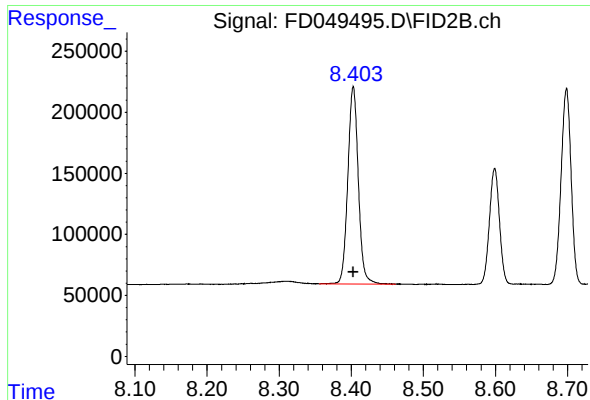
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 1451436
Conc: 10.18 ug/ml



#4 2-Bromonaphthalene (SURR)

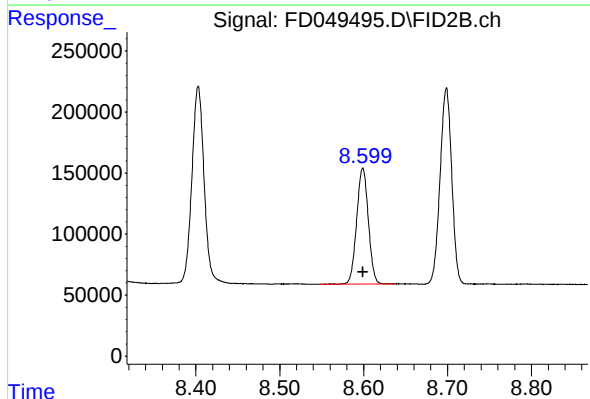
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 1334646
Conc: 10.50 ug/ml



#5 Acenaphthylene (C15.06)

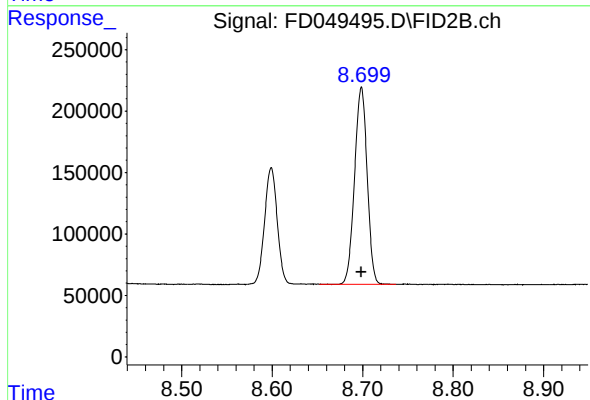
R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 1638009
Conc: 10.59 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



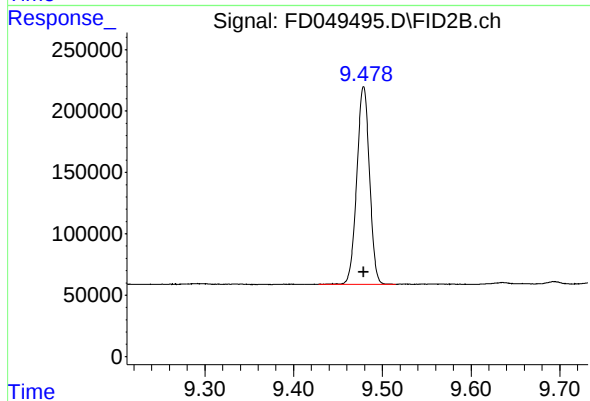
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 917966
Conc: 10.25 ug/ml



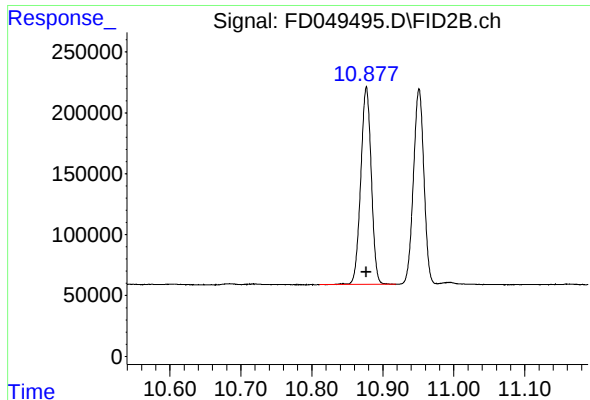
#7 Acenaphthene (C15.5)

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 1548094
Conc: 10.27 ug/ml



#8 Fluorene (C16.55)

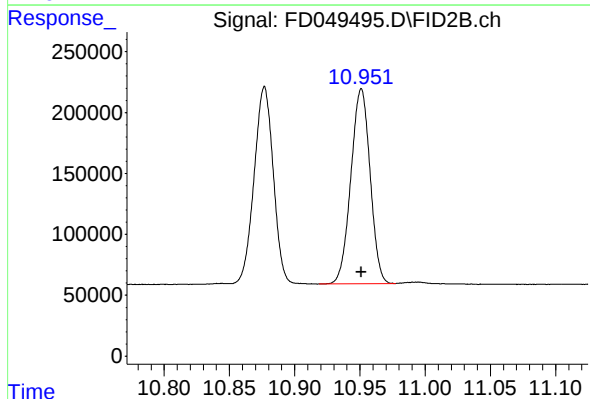
R.T.: 9.479 min
Delta R.T.: 0.000 min
Response: 1600814
Conc: 10.38 ug/ml



#9 Phenanthrene (C19.36)

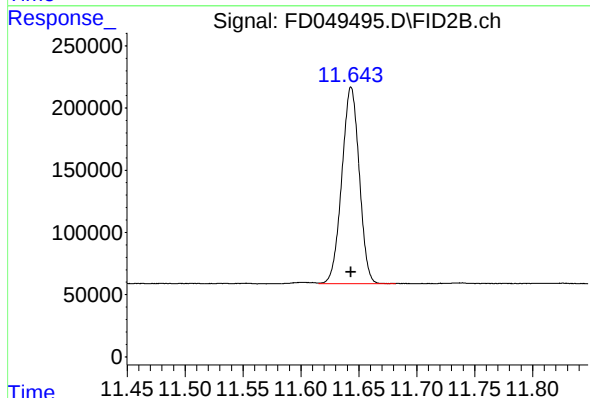
R.T.: 10.877 min
Delta R.T.: 0.000 min
Response: 1668057
Conc: 10.46 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



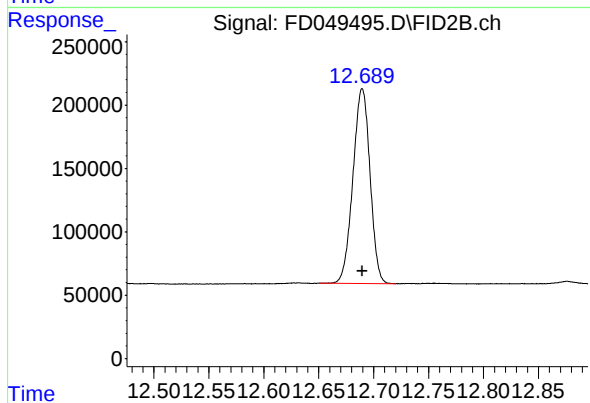
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.000 min
Response: 1640730
Conc: 10.41 ug/ml



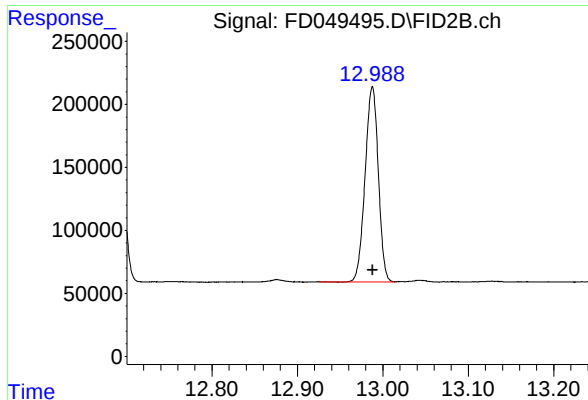
#11 ortho-Terphenyl (SURRE)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 1649655
Conc: 10.45 ug/ml



#12 Fluoranthene (C21.85)

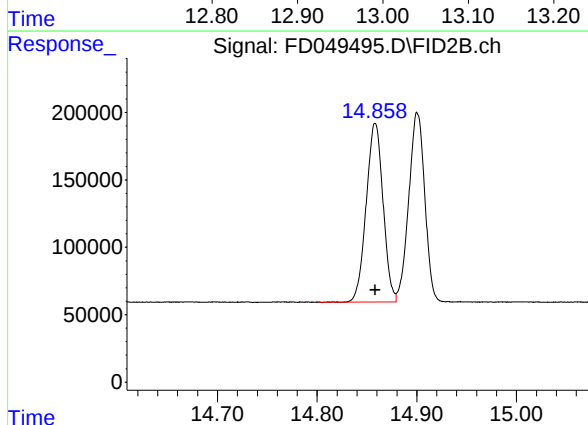
R.T.: 12.690 min
Delta R.T.: 0.000 min
Response: 1663751
Conc: 10.50 ug/ml



#13 Pyrene (C20.8)

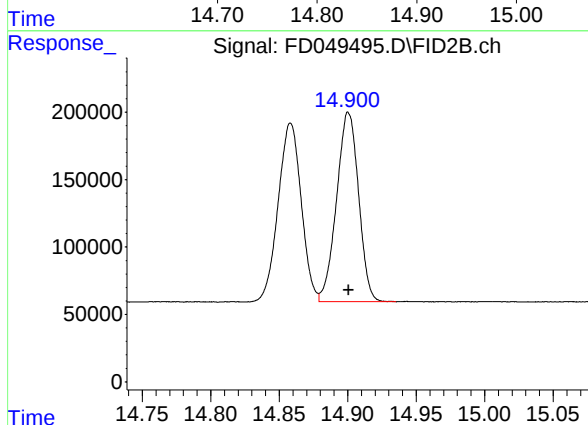
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 1661242
Conc: 10.49 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



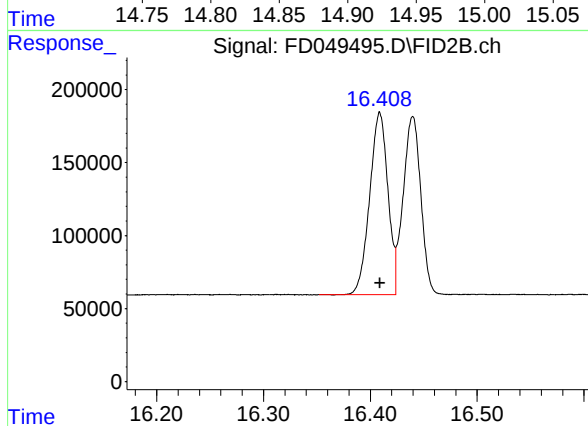
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 1556351
Conc: 10.51 ug/ml



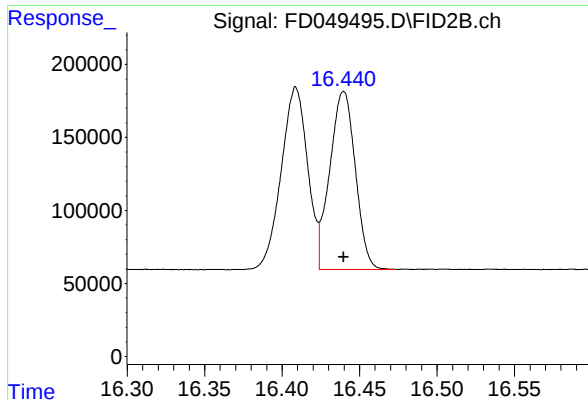
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: 0.000 min
Response: 1570813
Conc: 10.53 ug/ml



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

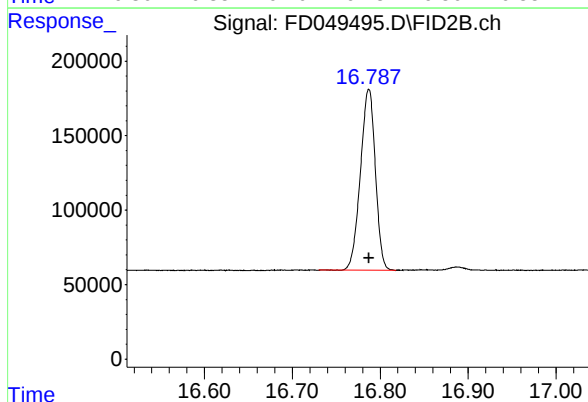
R.T.: 16.409 min
Delta R.T.: 0.000 min
Response: 1481283
Conc: 10.52 ug/ml



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

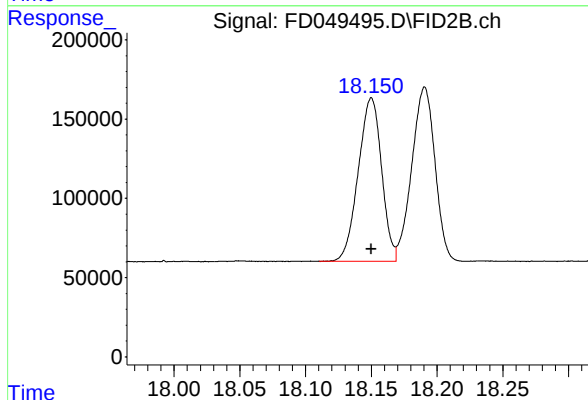
R.T.: 16.440 min
Delta R.T.: 0.000 min
Response: 1401756
Conc: 10.55 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



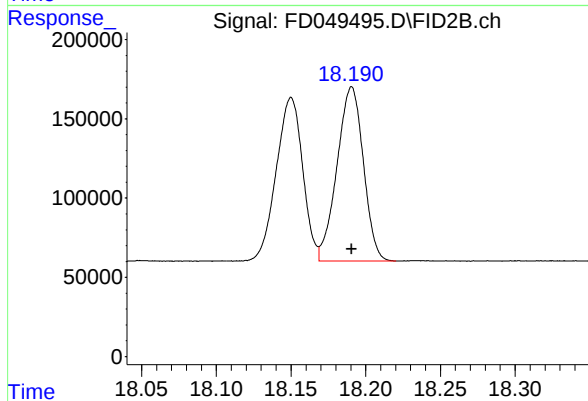
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: 0.000 min
Response: 1435755
Conc: 10.50 ug/ml



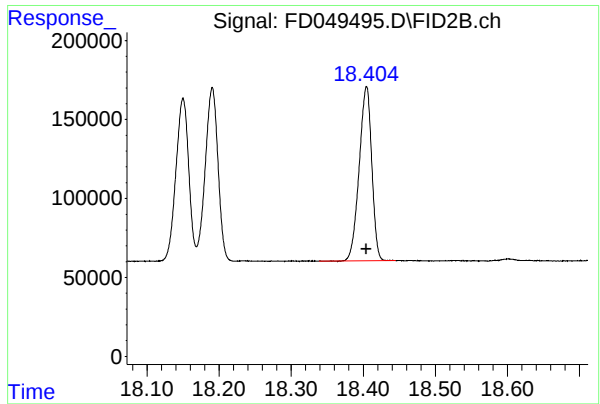
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 1270931
Conc: 10.37 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.000 min
Response: 1349680
Conc: 10.68 ug/ml



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

R.T.: 18.405 min

Delta R.T.: 0.000 min

Response: 1339114

Conc: 10.47 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049496.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 14:45
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 18 15:16:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:44:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.735	645915	5.083 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
6) S 2-Fluorobiphenyl (SURR)	8.599	429350	4.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.59%
11) S ortho-Terphenyl (SURR)	11.643	807564	5.116 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	567765	4.861 ug/ml
2) T Naphthalene (C11.7)	6.073	645777	4.766 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	680113	4.769 ug/ml
5) T Acenaphthylene (C15.06)	8.403	815201	5.271 ug/ml
7) T Acenaphthene (C15.5)	8.698	729990	4.841 ug/ml
8) T Fluorene (C16.55)	9.478	761978	4.942 ug/ml
9) T Phenanthrene (C19.36)	10.876	794338	4.981 ug/ml
10) T Anthracene (C19.43)	10.950	771653	4.894 ug/ml
12) T Fluoranthene (C21.85)	12.689	788335	4.973 ug/ml
13) T Pyrene (C20.8)	12.987	789374	4.987 ug/ml
14) T Benzo[a]anthracene (C...	14.858	727599	4.913 ug/ml
15) T Chrysene (C27.41)	14.899	741535	4.969 ug/ml
16) T benzo[b]fluoranthene ...	16.407	695435	4.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	663769	4.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.786	682853	4.993 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	609479	4.973 ug/ml
20) T Dibenz[a,h]anthracene...	18.189	673629	5.329 ug/ml
21) T Benzo[g,h,i]perylene ...	18.402	636723	4.976 ug/ml

(f)=RT Delta > 1/2 Window

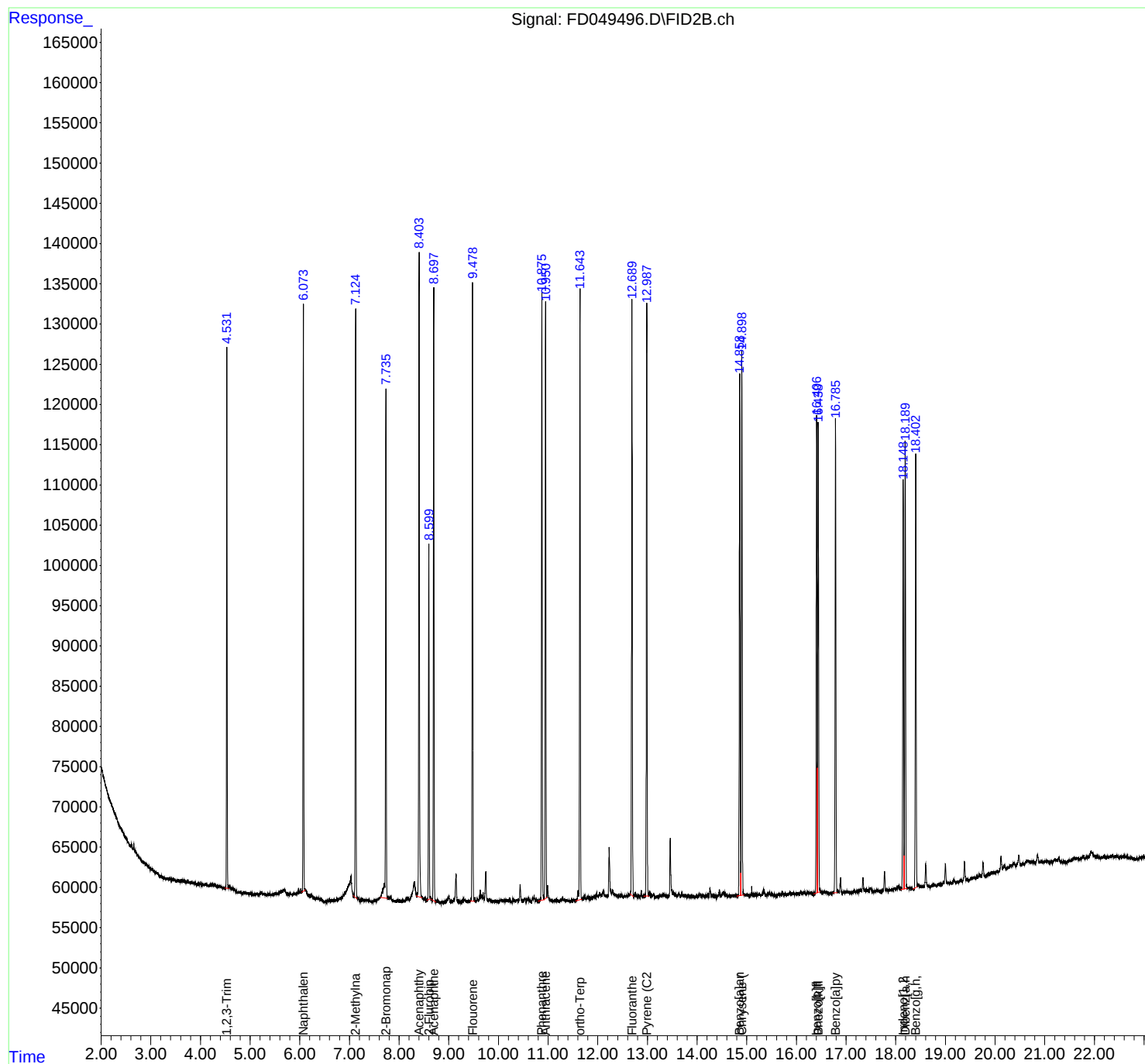
(m)=manual int.

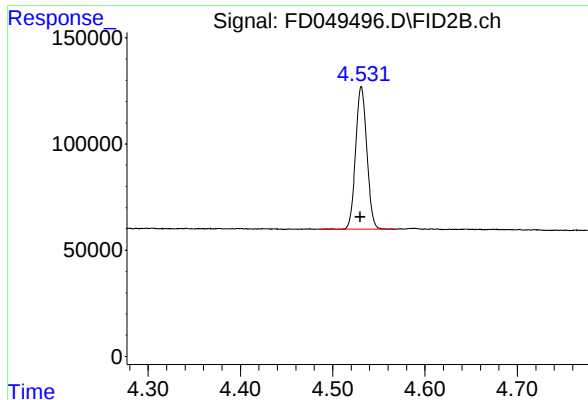
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
Data File : FD049496.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 14:45
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 18 15:16:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 13:44:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

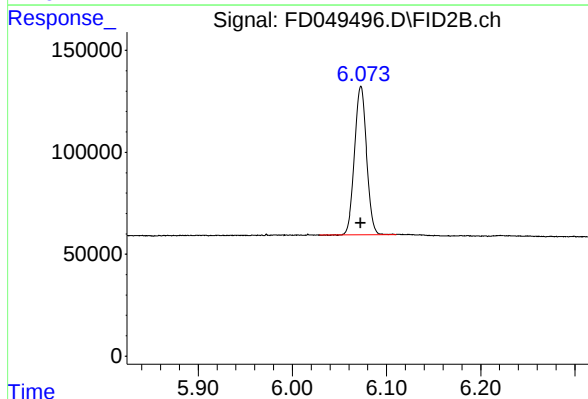




#1 1,2,3-Trimethylbenzene (C10.1)

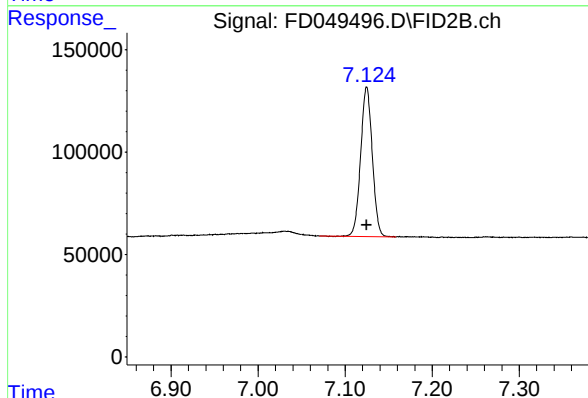
R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 567765
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



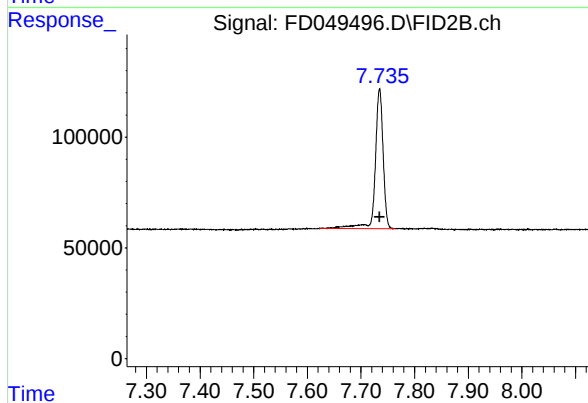
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 645777
Conc: 4.77 ug/ml



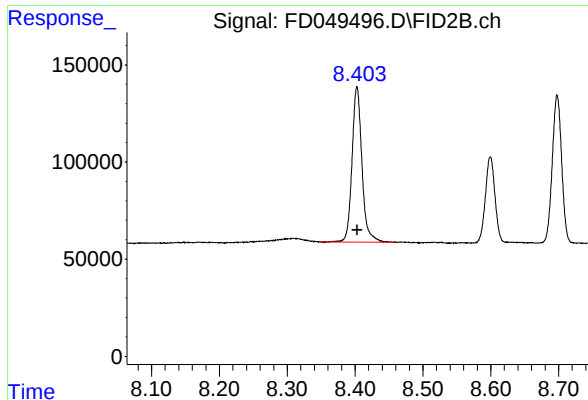
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 680113
Conc: 4.77 ug/ml



#4 2-Bromonaphthalene (SURR)

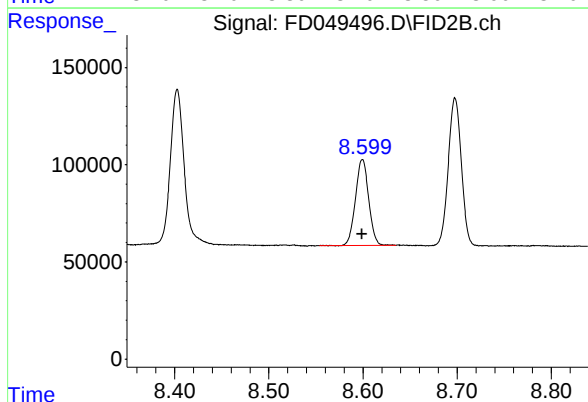
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 645915
Conc: 5.08 ug/ml



#5 Acenaphthylene (C15.06)

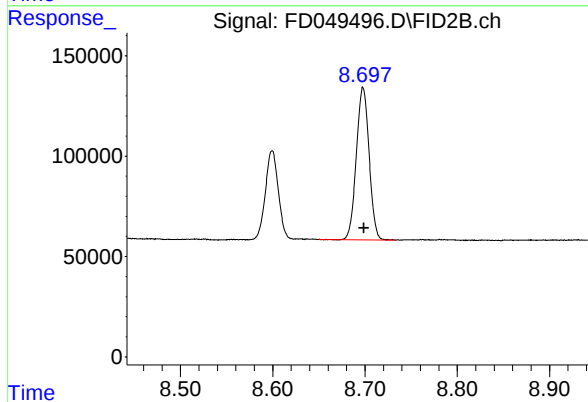
R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 815201
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



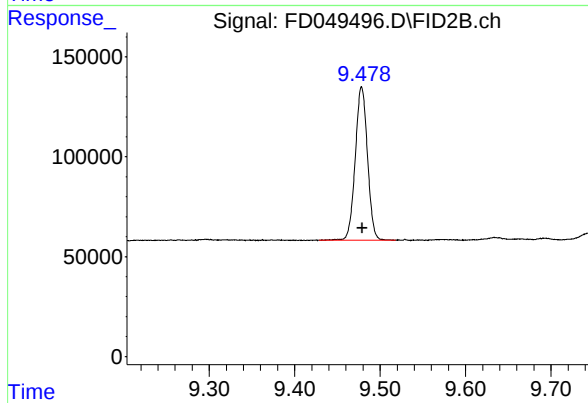
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 429350
Conc: 4.80 ug/ml



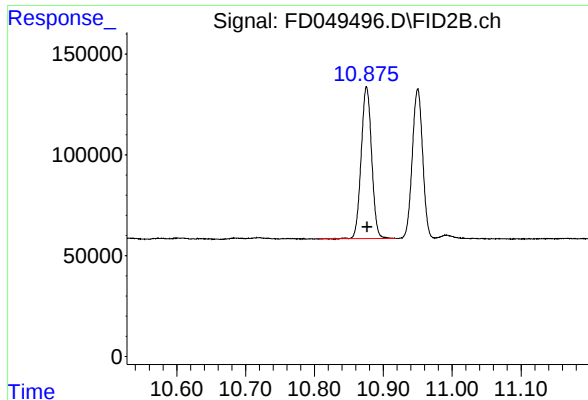
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 729990
Conc: 4.84 ug/ml



#8 Flouorene (C16.55)

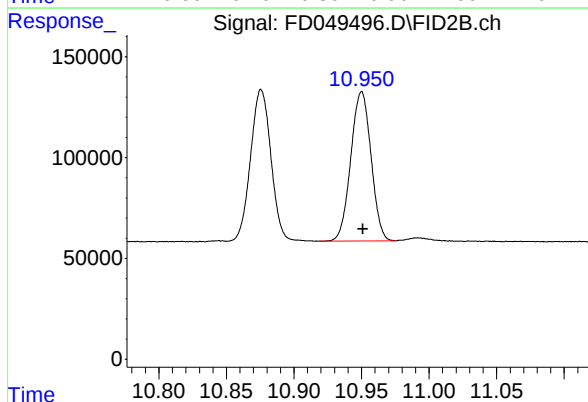
R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 761978
Conc: 4.94 ug/ml



#9 Phenanthrene (C19.36)

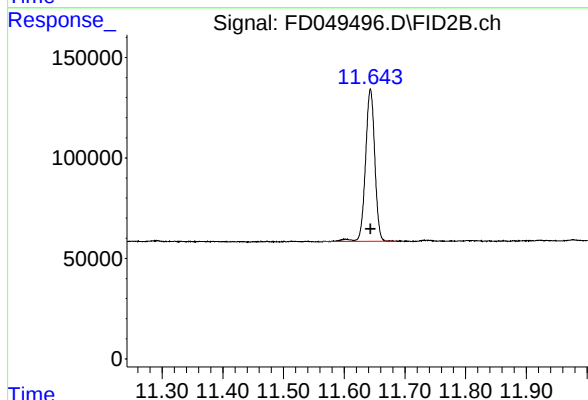
R.T.: 10.876 min
Delta R.T.: -0.001 min
Response: 794338
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



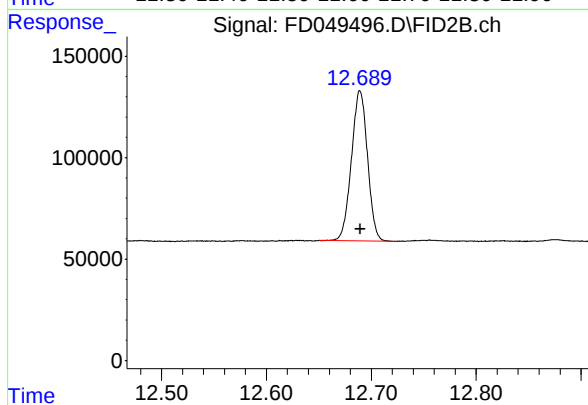
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.001 min
Response: 771653
Conc: 4.89 ug/ml



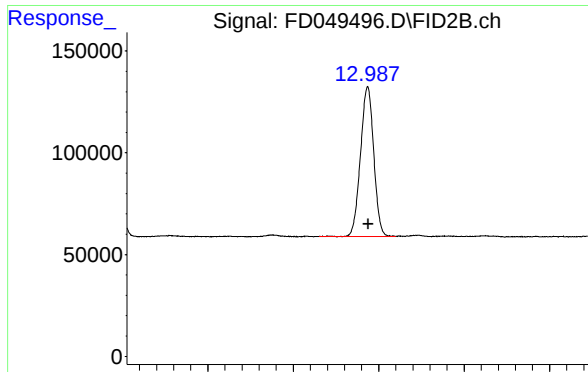
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 807564
Conc: 5.12 ug/ml



#12 Fluoranthene (C21.85)

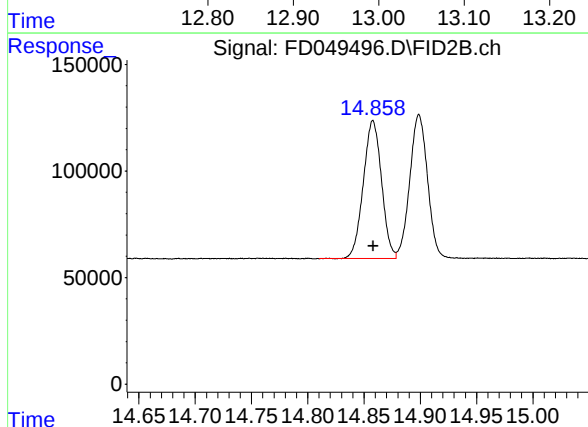
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 788335
Conc: 4.97 ug/ml



#13 Pyrene (C20.8)

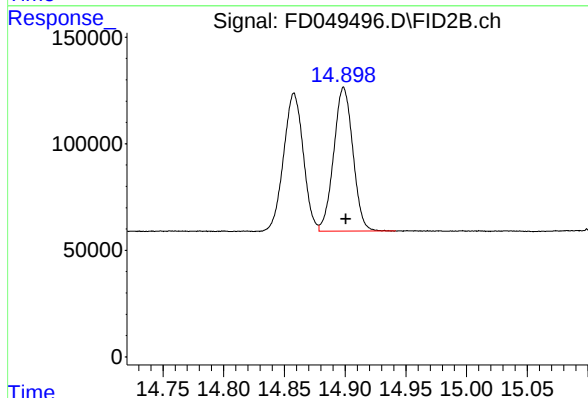
R.T.: 12.987 min
Delta R.T.: 0.000 min
Response: 789374
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



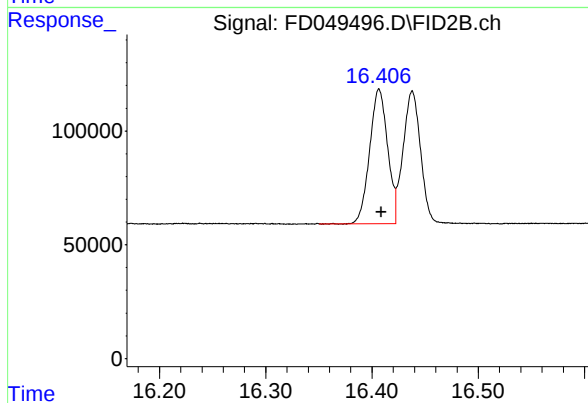
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 727599
Conc: 4.91 ug/ml



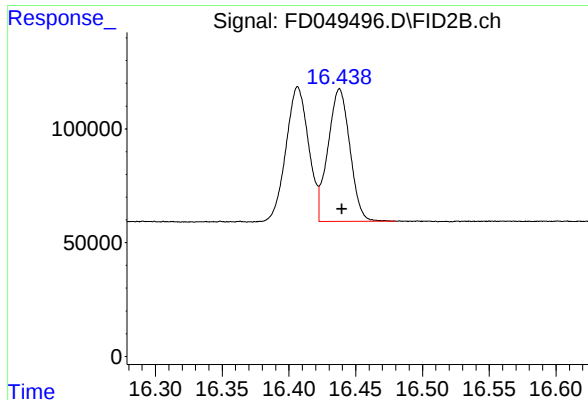
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: -0.002 min
Response: 741535
Conc: 4.97 ug/ml



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

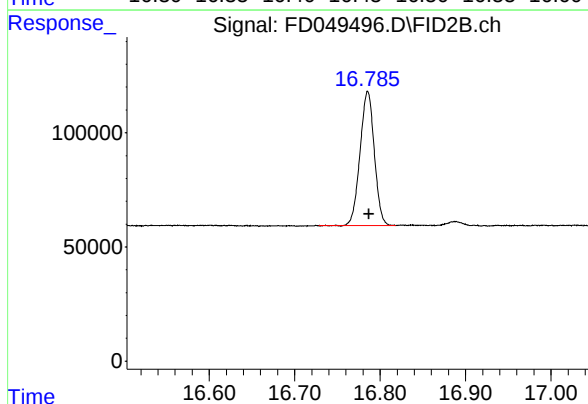
R.T.: 16.407 min
Delta R.T.: -0.002 min
Response: 695435
Conc: 4.94 ug/ml



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

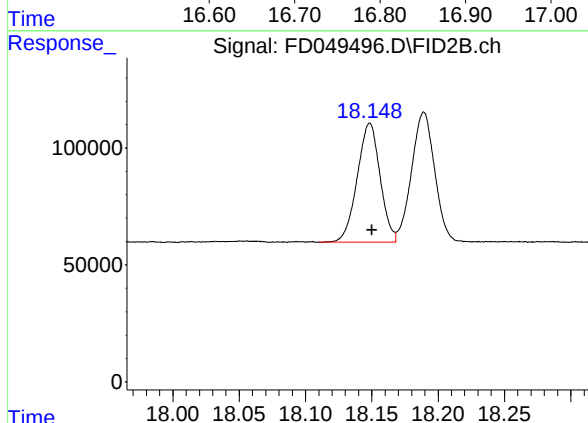
R.T.: 16.438 min
Delta R.T.: -0.002 min
Response: 663769
Conc: 5.00 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



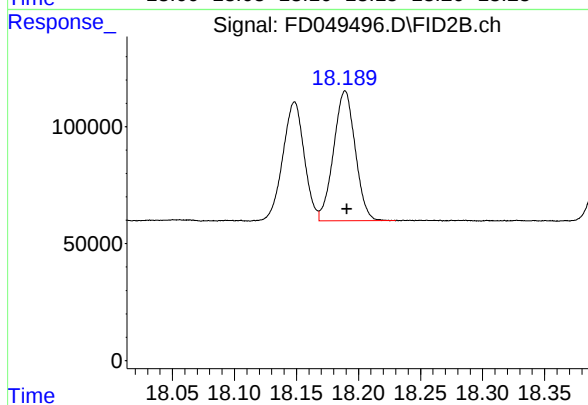
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.786 min
Delta R.T.: -0.002 min
Response: 682853
Conc: 4.99 ug/ml



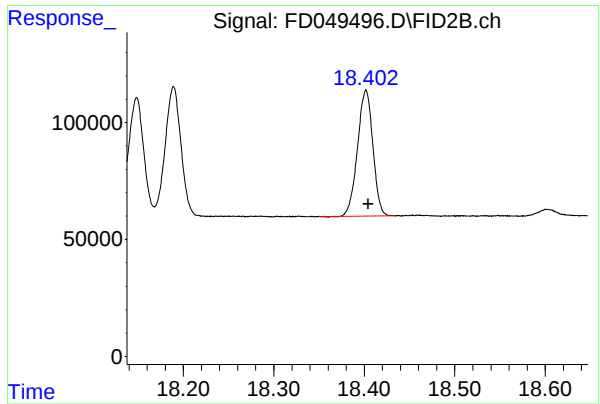
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: -0.002 min
Response: 609479
Conc: 4.97 ug/ml



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

R.T.: 18.189 min
Delta R.T.: -0.001 min
Response: 673629
Conc: 5.33 ug/ml



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

R.T.: 18.402 min
Delta R.T.: -0.003 min
Response: 636723
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049497.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 15:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 18 16:14:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.735	2514291	19.719 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
6) S 2-Fluorobiphenyl (SURR)	8.600	1796897	20.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.645	3183393	20.073 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2340364	20.151 ug/ml
2) T Naphthalene (C11.7)	6.073	2703465	20.141 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	2847225	20.152 ug/ml
5) T Acenaphthylene (C15.06)	8.404	3111156	19.900 ug/ml
7) T Acenaphthene (C15.5)	8.700	3023357	20.179 ug/ml
8) T Fluorene (C16.55)	9.480	3099980	20.151 ug/ml
9) T Phenanthrene (C19.36)	10.879	3214775	20.173 ug/ml
10) T Anthracene (C19.43)	10.953	3164271	20.154 ug/ml
12) T Fluoranthene (C21.85)	12.692	3206127	20.248 ug/ml
13) T Pyrene (C20.8)	12.991	3206834	20.269 ug/ml
14) T Benzo[a]anthracene (C...	14.862	3016203	20.438 ug/ml
15) T Chrysene (C27.41)	14.905	3042411	20.411 ug/ml
16) T benzo[b]fluoranthene ...	16.412	2887507	20.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2727136	20.533 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	2809773	20.552 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2494786	20.377 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	2624859	20.497 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	2630799	20.581 ug/ml

(f)=RT Delta > 1/2 Window

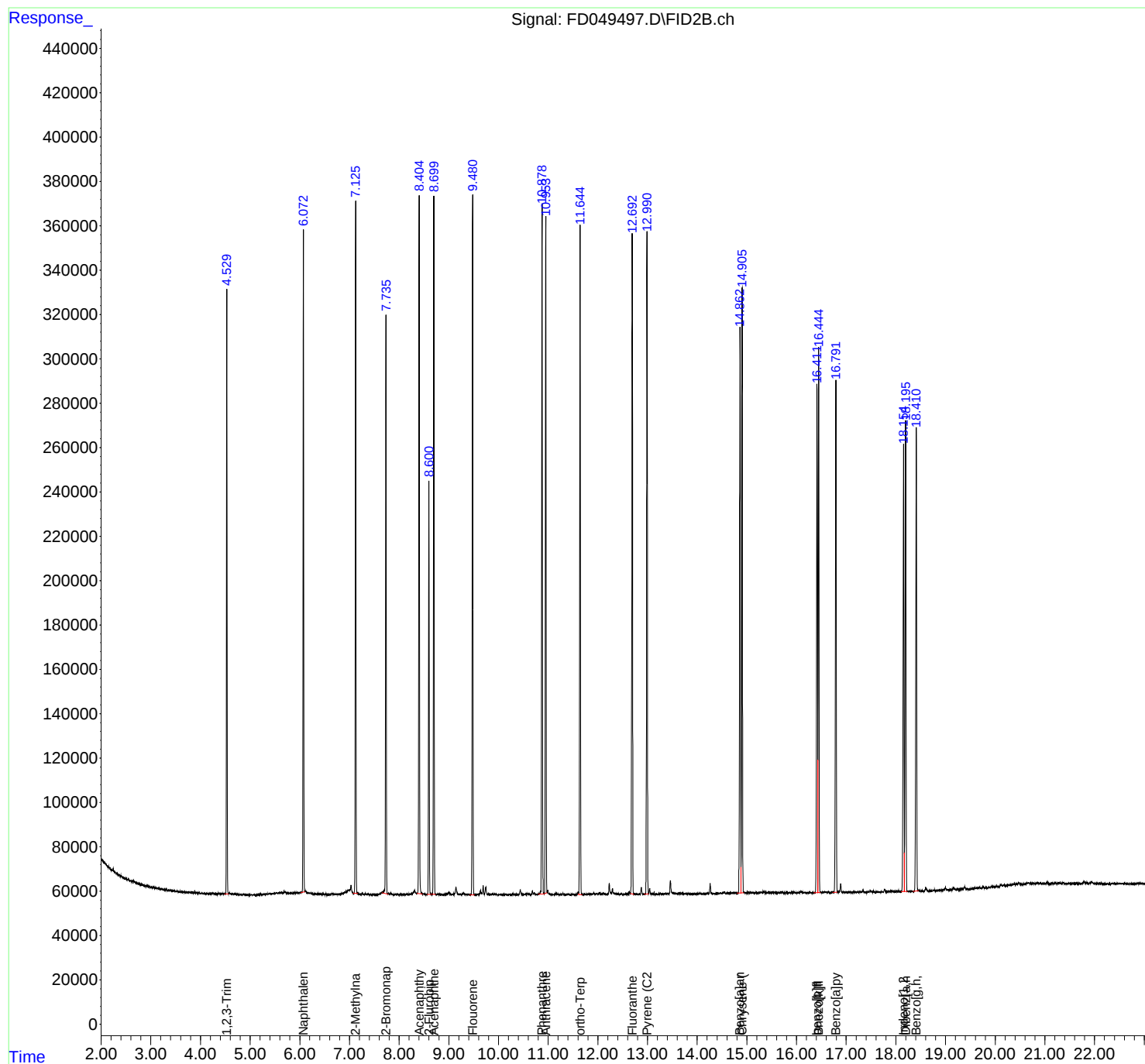
(m)=manual int.

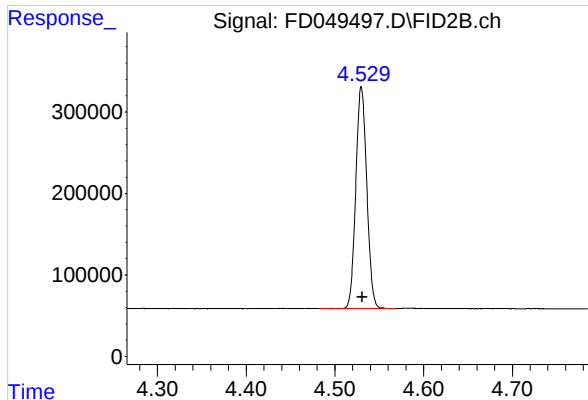
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
Data File : FD049497.D
Signal(s) : FID2B.ch
Acq On : 18 Jun 2025 15:28
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jun 18 16:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 15:23:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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

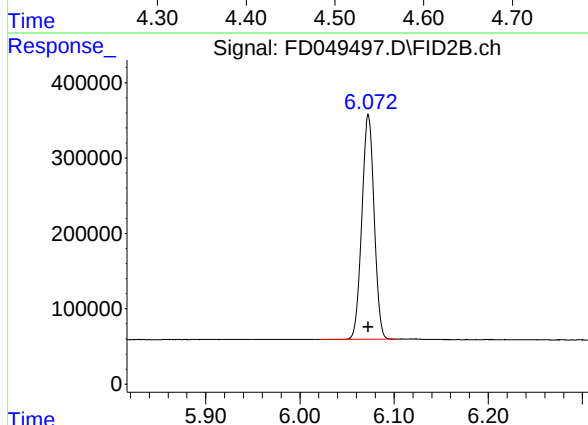




#1 1,2,3-Trimethylbenzene (C10.1)

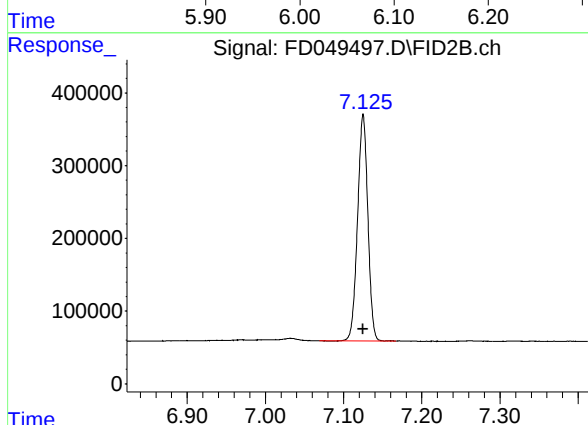
R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 2340364
Conc: 20.15 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



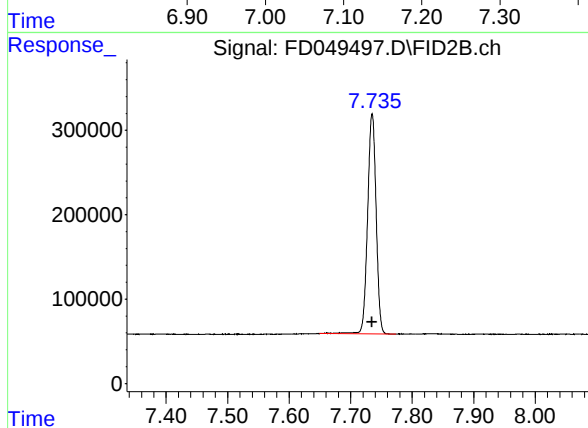
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2703465
Conc: 20.14 ug/ml



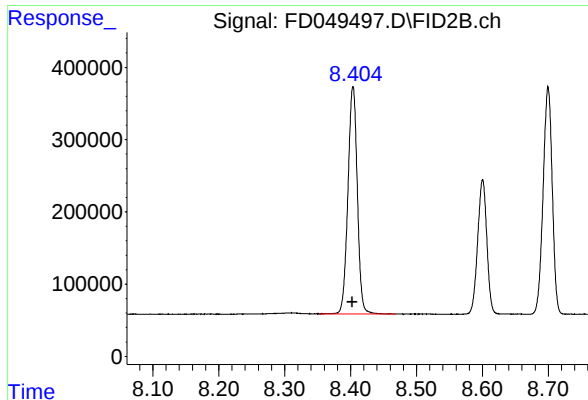
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 2847225
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

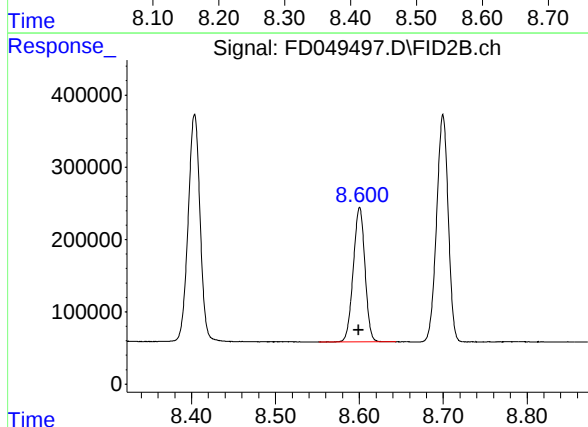
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 2514291
Conc: 19.72 ug/ml



#5 Acenaphthylene (C15.06)

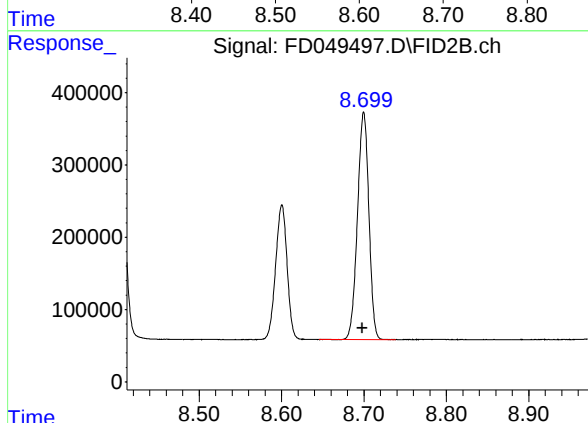
R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 3111156
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



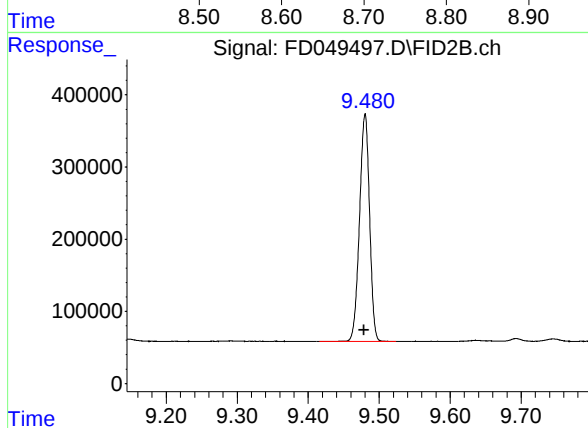
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: 0.001 min
Response: 1796897
Conc: 20.24 ug/ml



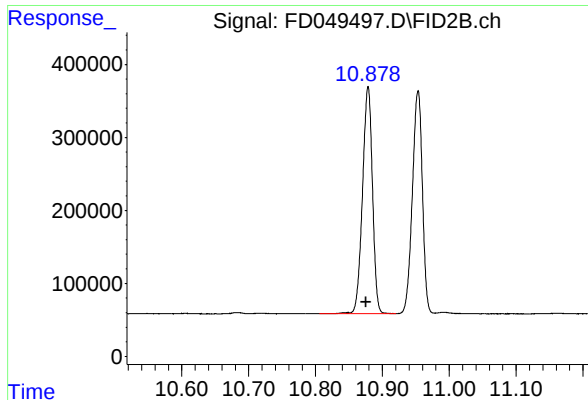
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.002 min
Response: 3023357
Conc: 20.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 3099980
Conc: 20.15 ug/ml



#9 Phenanthrene (C19.36)

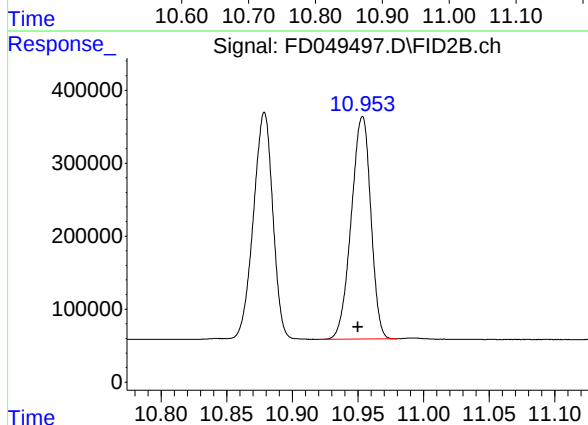
R.T.: 10.879 min
Delta R.T.: 0.003 min
Response: 3214775
Conc: 20.17 ug/ml

Instrument :

FID_D

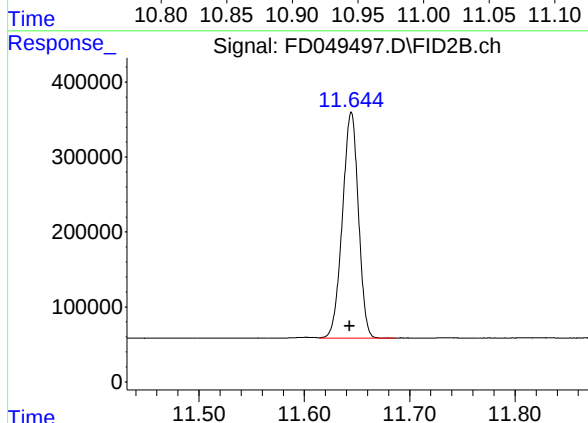
ClientSampleId :

20 PPM AROMATIC HC STD ICV



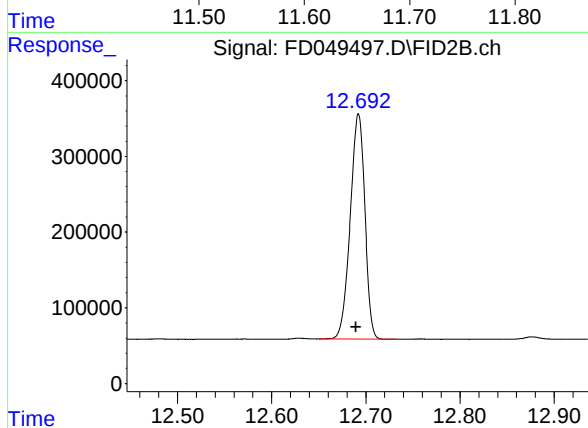
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: 0.003 min
Response: 3164271
Conc: 20.15 ug/ml



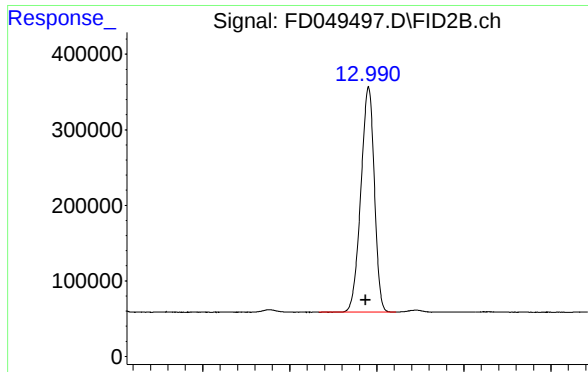
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.001 min
Response: 3183393
Conc: 20.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.692 min
Delta R.T.: 0.003 min
Response: 3206127
Conc: 20.25 ug/ml



#13 Pyrene (C20.8)

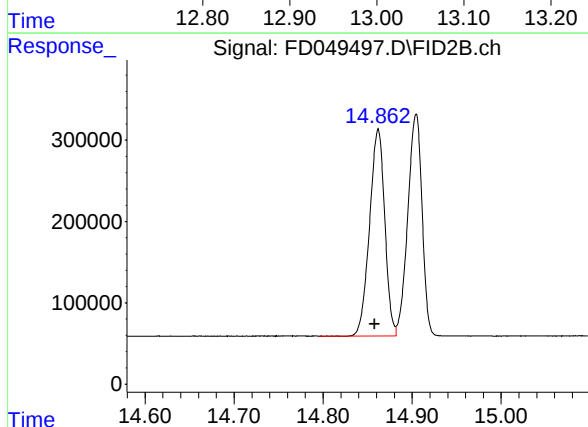
R.T.: 12.991 min
Delta R.T.: 0.003 min
Response: 3206834
Conc: 20.27 ug/ml

Instrument :

FID_D

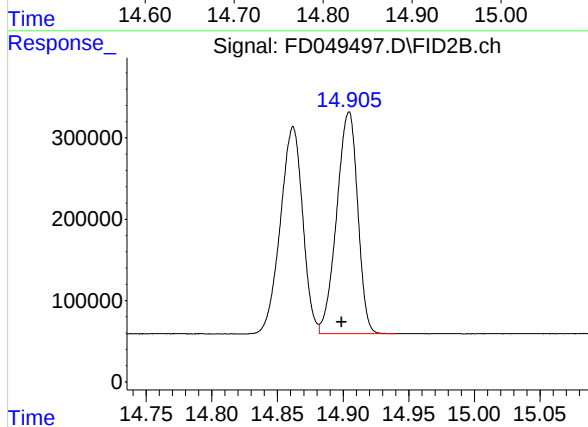
ClientSampleId :

20 PPM AROMATIC HC STD ICV



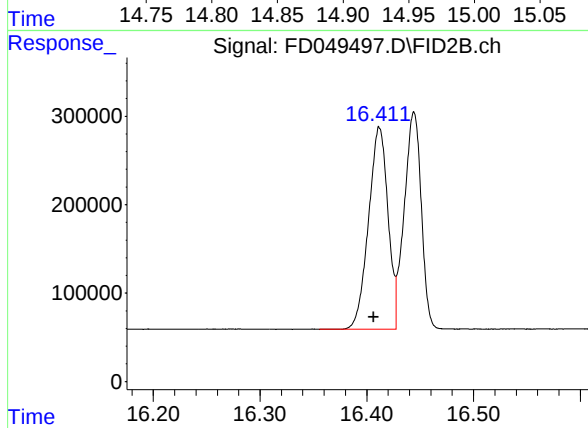
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.862 min
Delta R.T.: 0.004 min
Response: 3016203
Conc: 20.44 ug/ml



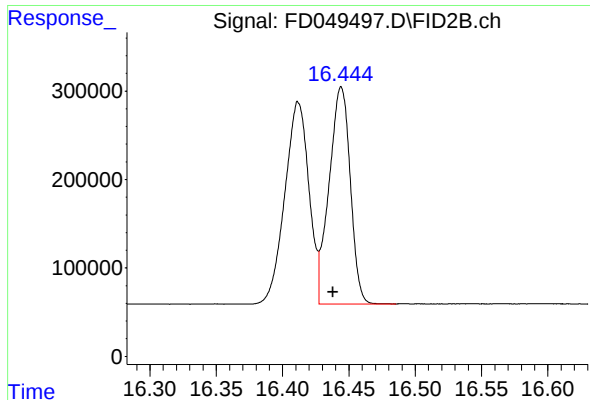
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.006 min
Response: 3042411
Conc: 20.41 ug/ml



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

R.T.: 16.412 min
Delta R.T.: 0.005 min
Response: 2887507
Conc: 20.55 ug/ml



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

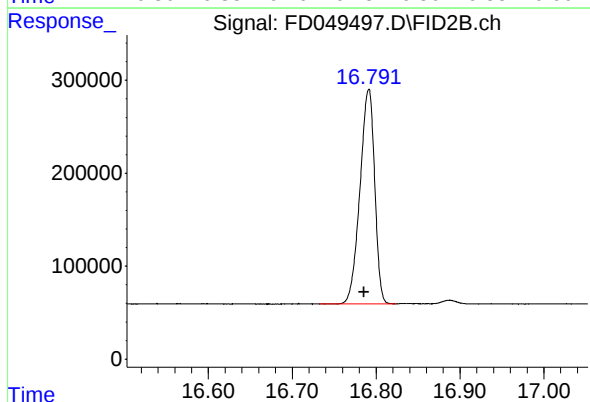
R.T.: 16.444 min
Delta R.T.: 0.006 min
Response: 2727136
Conc: 20.53 ug/ml

Instrument :

FID_D

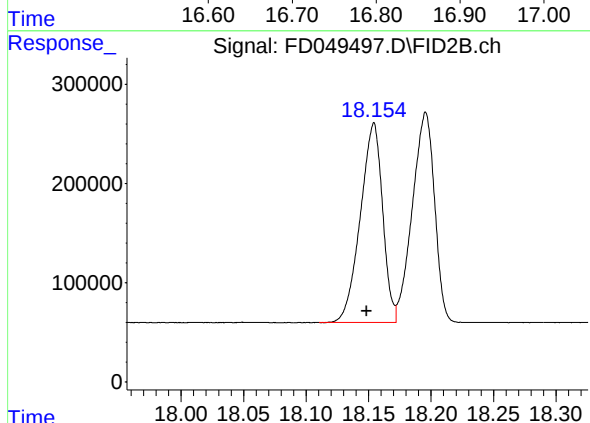
ClientSampleId :

20 PPM AROMATIC HC STD ICV



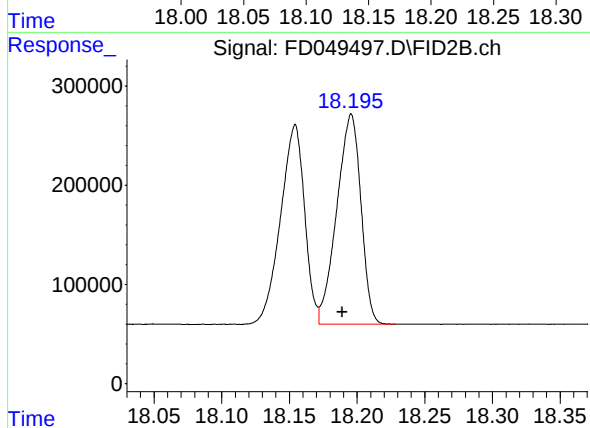
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: 0.006 min
Response: 2809773
Conc: 20.55 ug/ml



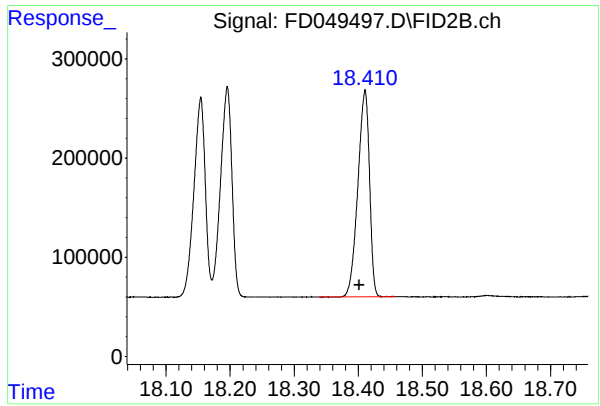
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: 0.006 min
Response: 2494786
Conc: 20.38 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.006 min
Response: 2624859
Conc: 20.50 ug/ml



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

R.T.: 18.411 min
Delta R.T.: 0.009 min
Response: 2630799
Conc: 20.58 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV