

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
 Data File : FD049612.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2025 15:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 11 19:22:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.714	2242361	21.879 ug/ml
Spiked Amount 50.000		Recovery =	43.76%
6) S 2-Fluorobiphenyl (SURR)	8.578	1600970	21.917 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.83%
11) S ortho-Terphenyl (SURR)	11.625	2810466	21.653 ug/ml
Spiked Amount 50.000		Recovery =	43.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2200138	21.736 ug/ml
2) T Naphthalene (C11.7)	6.050	2512288	21.911 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2612974	21.904 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2730060	21.717 ug/ml
7) T Acenaphthene (C15.5)	8.678	2721872	21.648 ug/ml
8) T Flouorene (C16.55)	9.460	2754340	21.755 ug/ml
9) T Phenanthrene (C19.36)	10.858	2801958	21.691 ug/ml
10) T Anthracene (C19.43)	10.932	2670628	21.678 ug/ml
12) T Fluoranthene (C21.85)	12.672	2771470	21.649 ug/ml
13) T Pyrene (C20.8)	12.970	2748250	21.646 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2467368	21.382 ug/ml
15) T Chrysene (C27.41)	14.883	2505595	21.400 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2398686	21.090 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2260094	21.113 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2328320	20.988 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2121324	20.580 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	2265815	20.788 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2268996	20.764 ug/ml

(f)=RT Delta > 1/2 Window

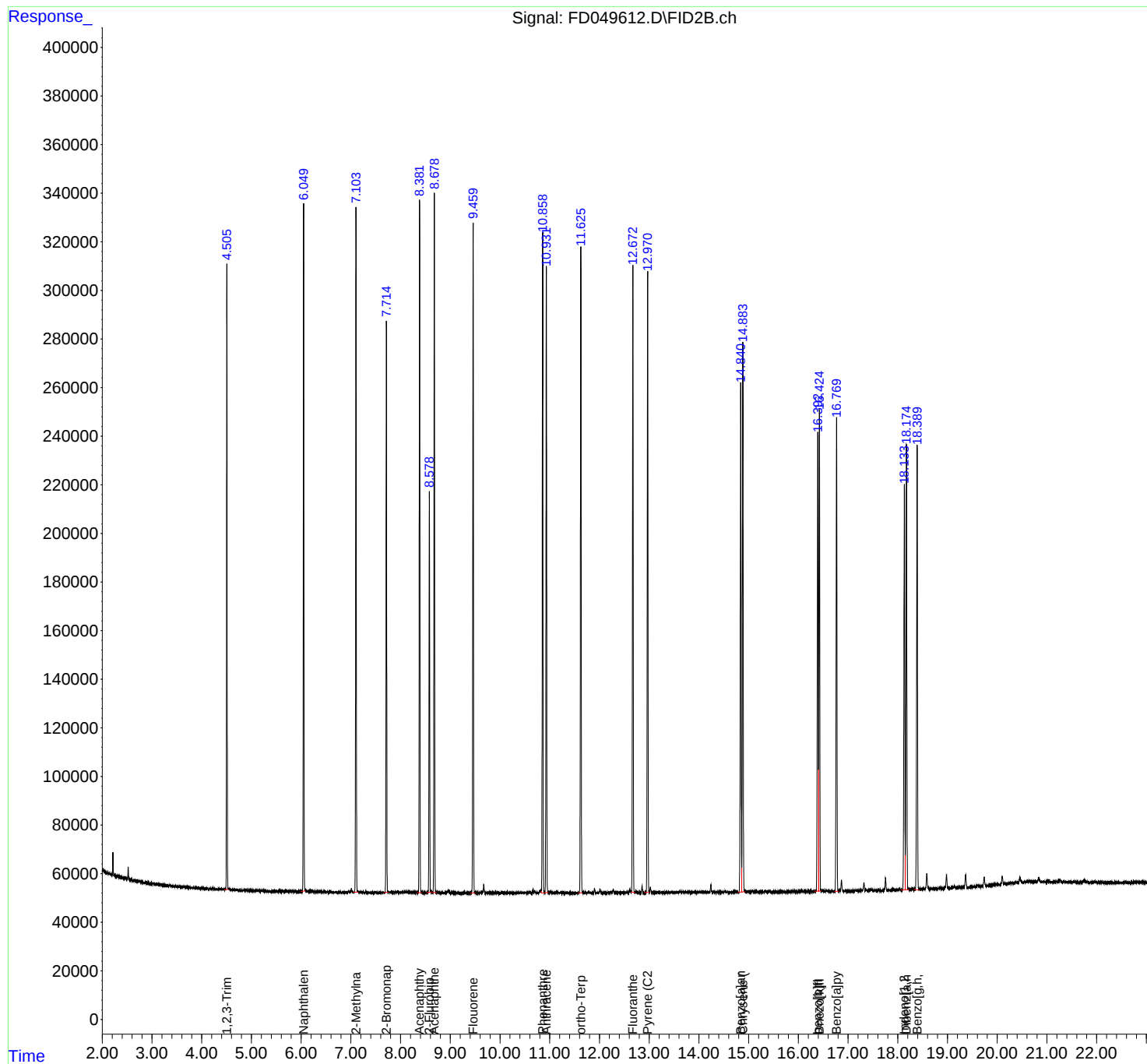
(m)=manual int.

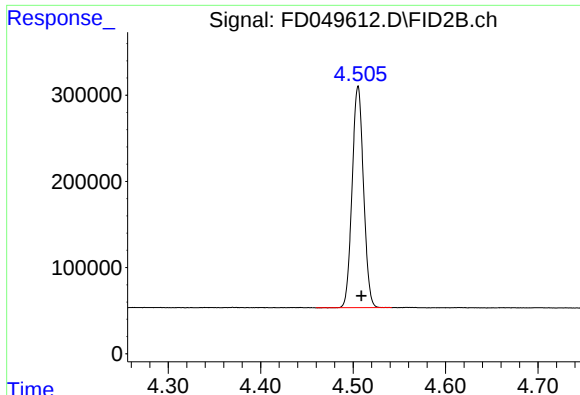
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
Data File : FD049612.D
Signal(s) : FID2B.ch
Acq On : 11 Aug 2025 15:52
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 11 19:22:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

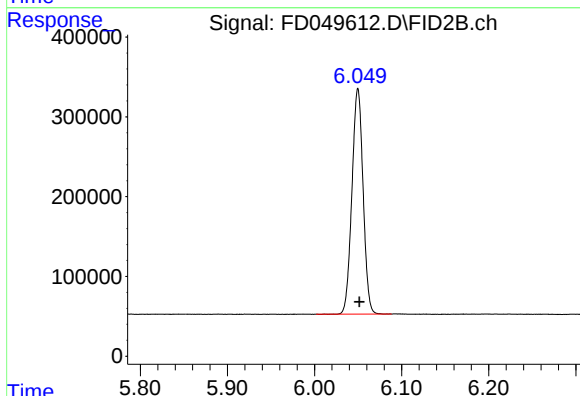




#1 1,2,3-Trimethylbenzene (C10.1)

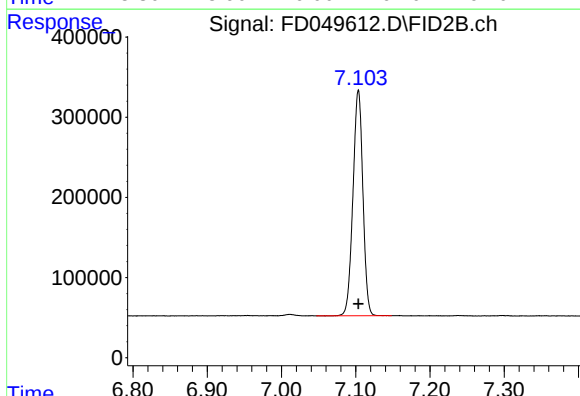
R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2200138
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



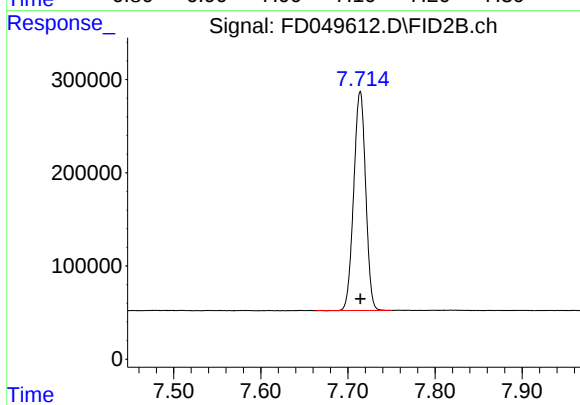
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 2512288
Conc: 21.91 ug/ml



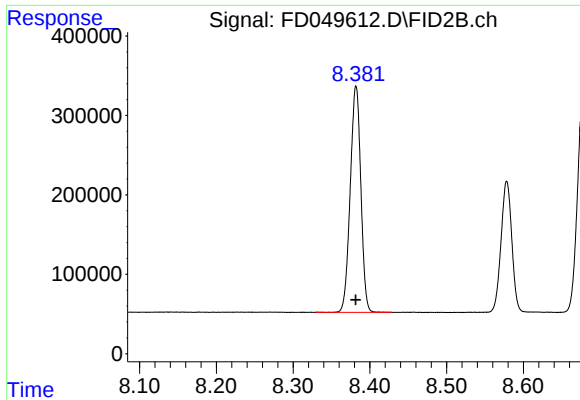
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2612974
Conc: 21.90 ug/ml



#4 2-Bromonaphthalene (SURR)

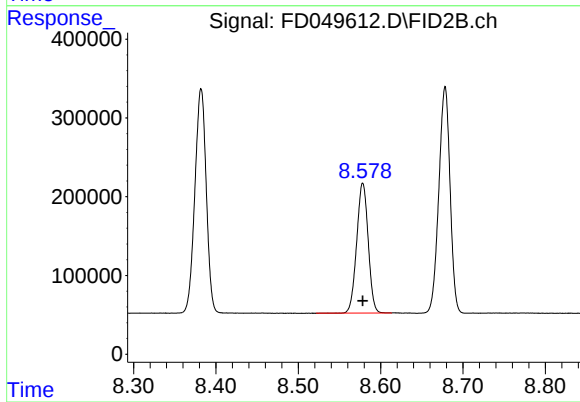
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2242361
Conc: 21.88 ug/ml



#5 Acenaphthylene (C15.06)

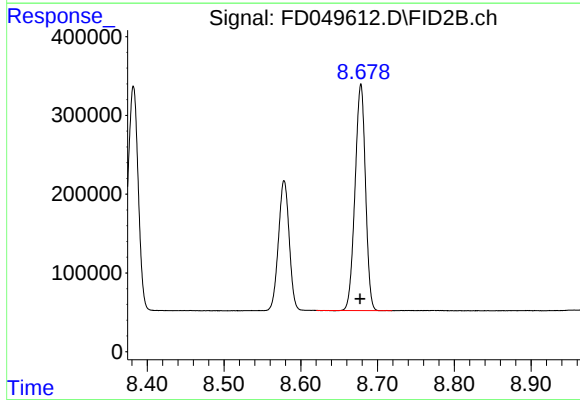
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2730060
Conc: 21.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



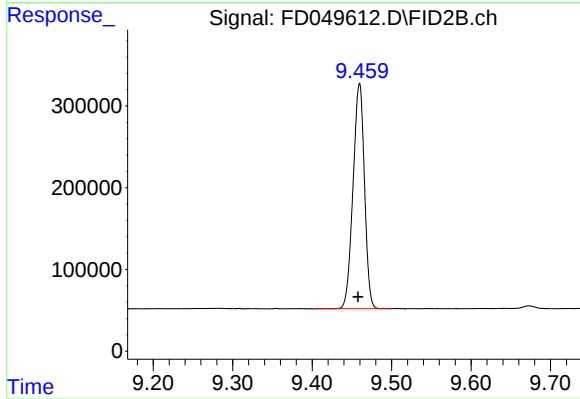
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1600970
Conc: 21.92 ug/ml



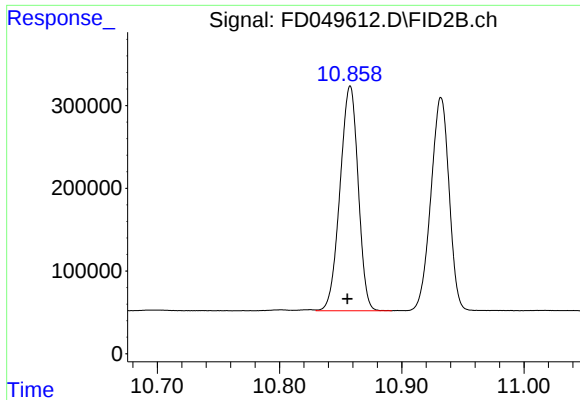
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 2721872
Conc: 21.65 ug/ml



#8 Fluorene (C16.55)

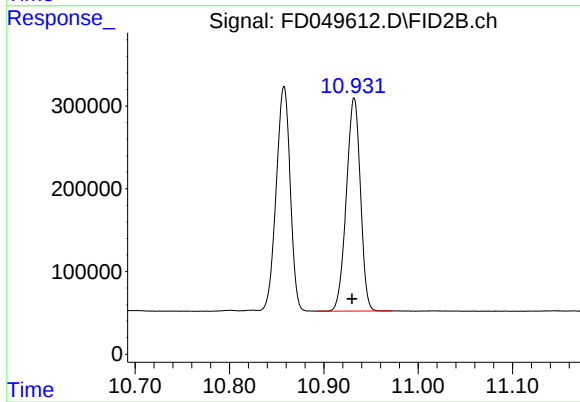
R.T.: 9.460 min
Delta R.T.: 0.002 min
Response: 2754340
Conc: 21.75 ug/ml



#9 Phenanthrene (C19.36)

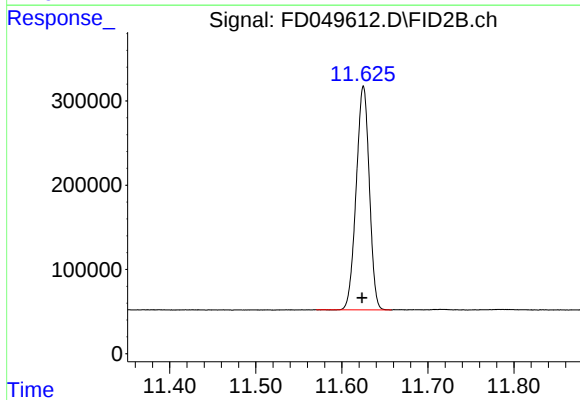
R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 2801958
Conc: 21.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



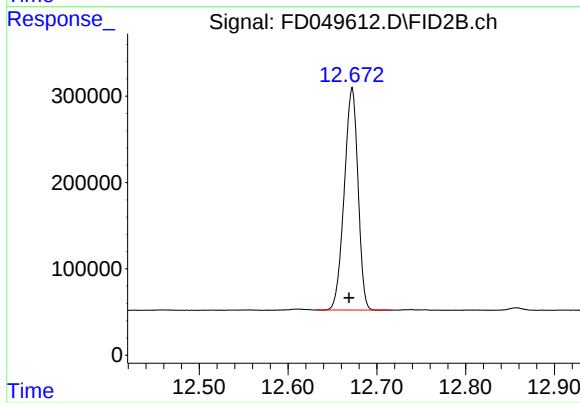
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.002 min
Response: 2670628
Conc: 21.68 ug/ml



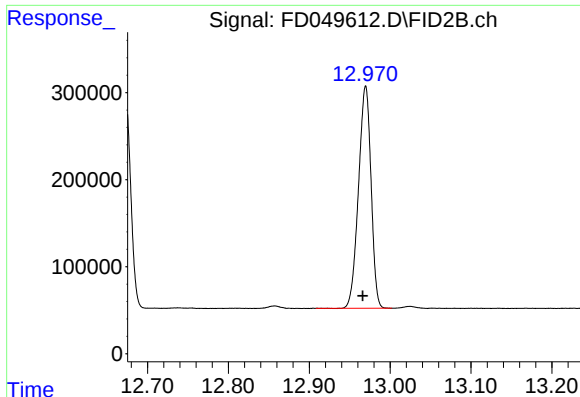
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.002 min
Response: 2810466
Conc: 21.65 ug/ml



#12 Fluoranthene (C21.85)

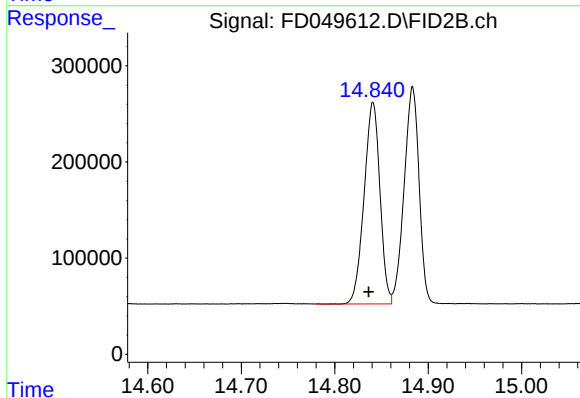
R.T.: 12.672 min
Delta R.T.: 0.004 min
Response: 2771470
Conc: 21.65 ug/ml



#13 Pyrene (C20.8)

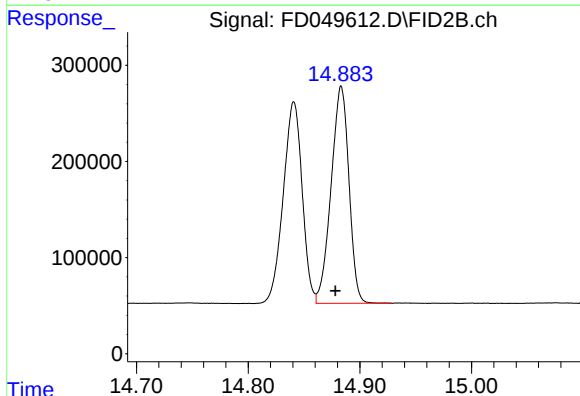
R.T.: 12.970 min
Delta R.T.: 0.004 min
Response: 2748250
Conc: 21.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



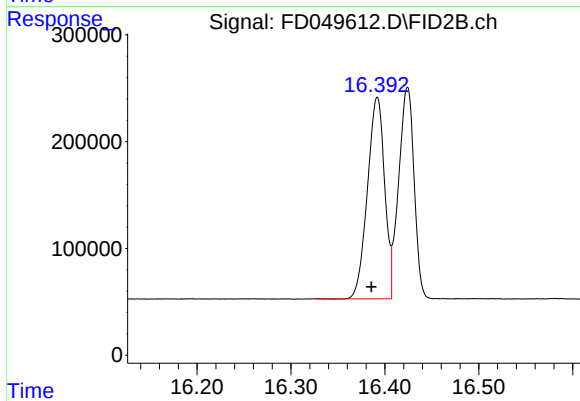
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.005 min
Response: 2467368
Conc: 21.38 ug/ml



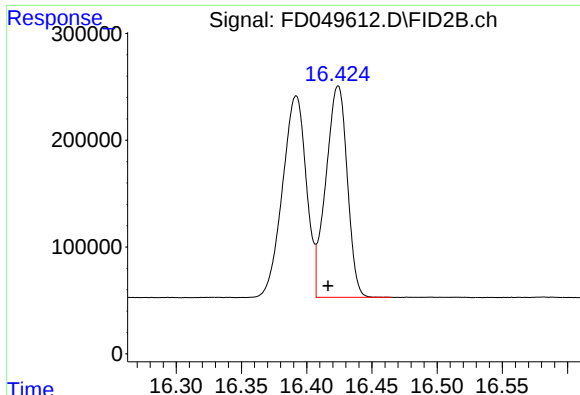
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2505595
Conc: 21.40 ug/ml



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

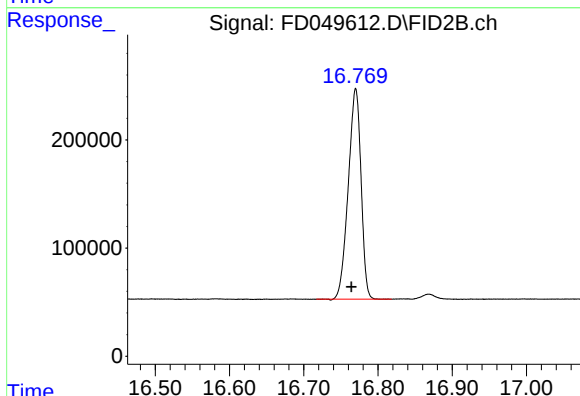
R.T.: 16.392 min
Delta R.T.: 0.006 min
Response: 2398686
Conc: 21.09 ug/ml



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

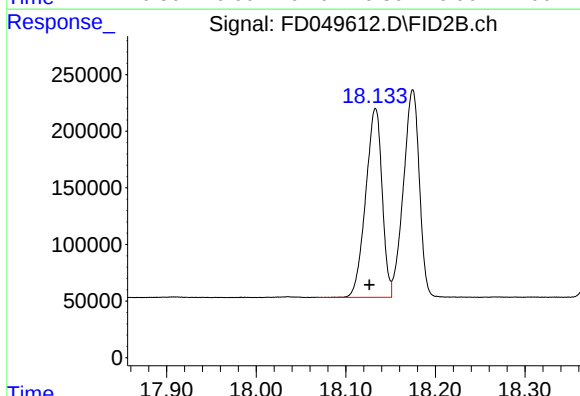
R.T.: 16.424 min
Delta R.T.: 0.008 min
Response: 2260094
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



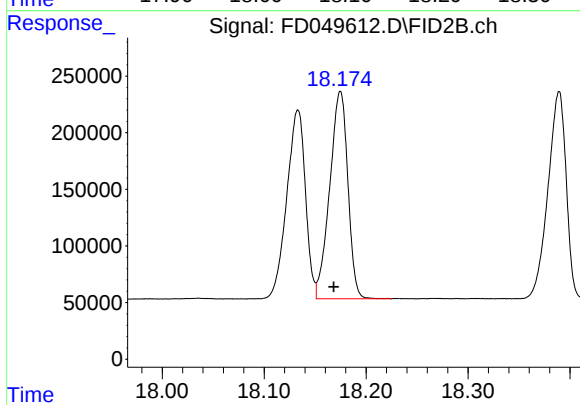
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2328320
Conc: 20.99 ug/ml



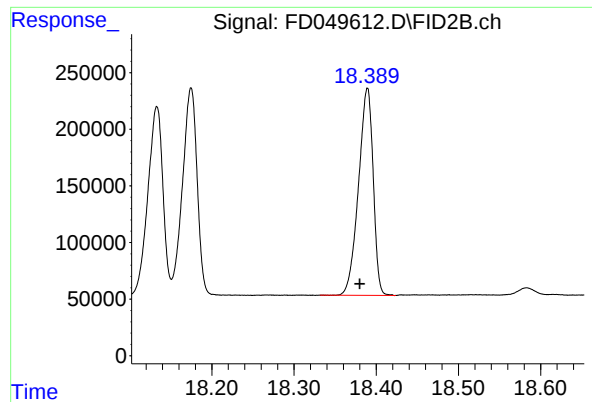
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2121324
Conc: 20.58 ug/ml



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

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 2265815
Conc: 20.79 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2268996
Conc: 20.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD