

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040925AR\
 Data File : FD049265.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2025 21:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 02:10:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.749	2707225	18.276 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
6) S 2-Fluorobiphenyl (SURR)	8.614	1890522	18.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.07%
11) S ortho-Terphenyl (SURR)	11.656	3220564	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	2831331	18.894 ug/ml
2) T Naphthalene (C11.7)	6.086	2991761	18.272 ug/ml
3) T 2-Methylnaphthalene (...)	7.139	2977674	18.409 ug/ml
5) T Acenaphthylene (C15.06)	8.418	3197030	18.099 ug/ml
7) T Acenaphthene (C15.5)	8.714	3112613	18.067 ug/ml
8) T Fluorene (C16.55)	9.494	3196716	18.332 ug/ml
9) T Phenanthrene (C19.36)	10.892	3232520	18.836 ug/ml
10) T Anthracene (C19.43)	10.966	2967316	18.889 ug/ml
12) T Fluoranthene (C21.85)	12.706	3285324	19.436 ug/ml
13) T Pyrene (C20.8)	13.004	3273983	19.521 ug/ml
14) T Benzo[a]anthracene (C...	14.873	2897889	20.160 ug/ml
15) T Chrysene (C27.41)	14.915	2910266	20.169 ug/ml
16) T benzo[b]fluoranthene ...	16.421	2814111	20.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.454	2767847	20.238 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.800	2642482	20.321 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.164	2523875	20.473 ug/ml
20) T Dibenz[a,h]anthracene...	18.203	2679379	21.190 ug/ml
21) T Benzo[g,h,i]perylene ...	18.420	2692907	20.628 ug/ml

(f)=RT Delta > 1/2 Window

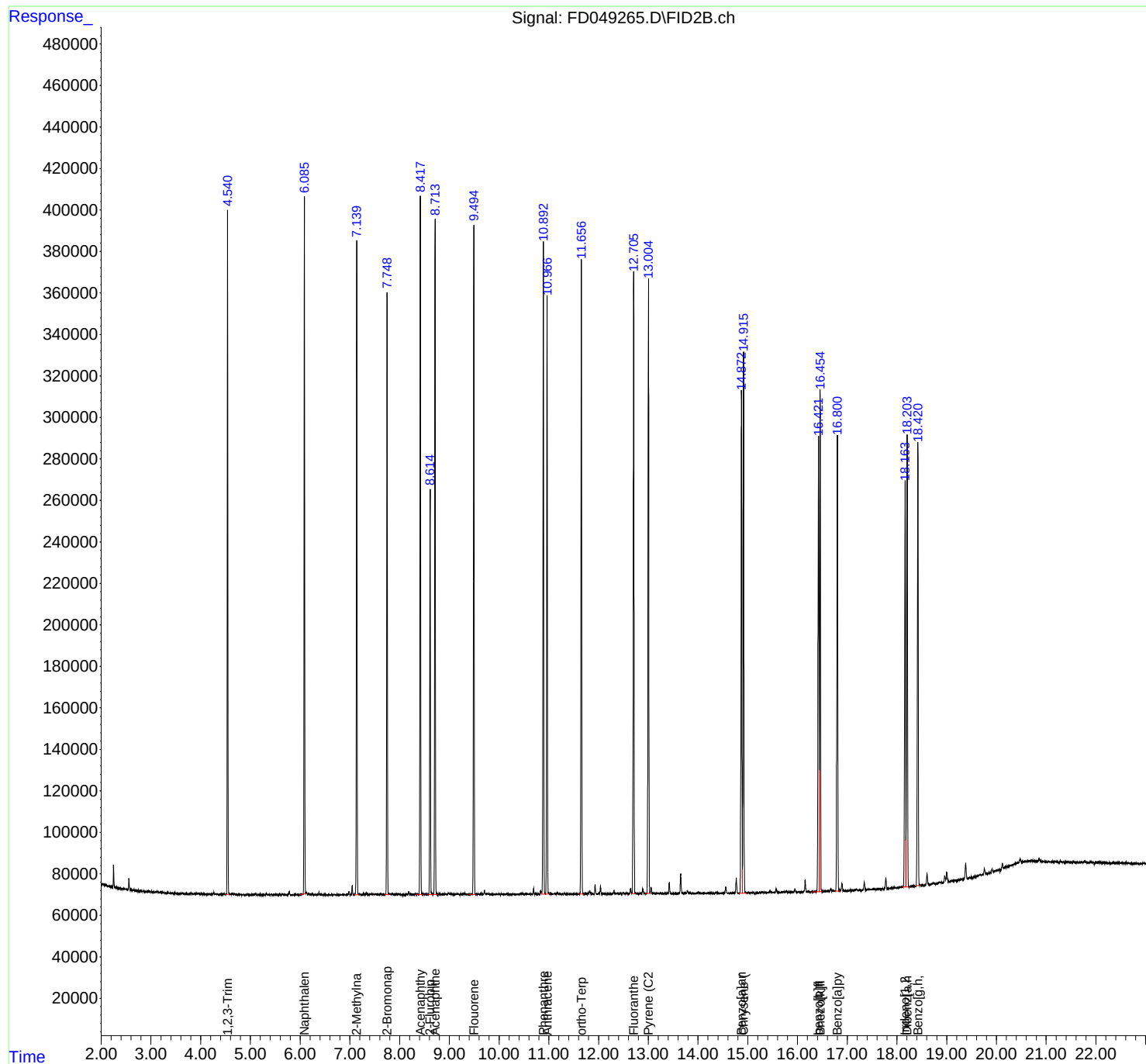
(m)=manual int.

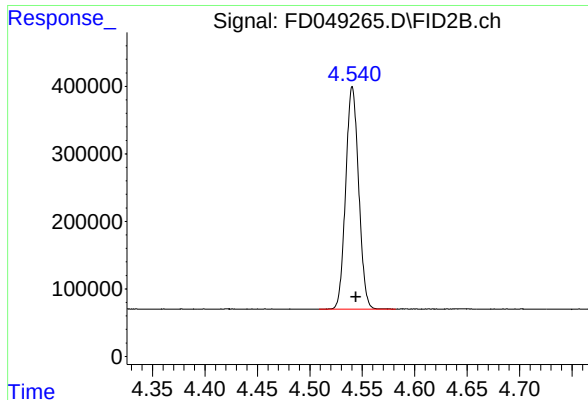
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040925AR\
Data File : FD049265.D
Signal(s) : FID2B.ch
Acq On : 09 Apr 2025 21:37
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Apr 10 02:10:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 05:25:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

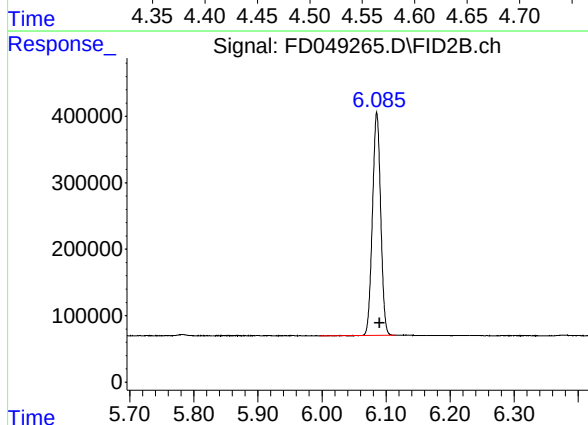




#1 1,2,3-Trimethylbenzene (C10.1)

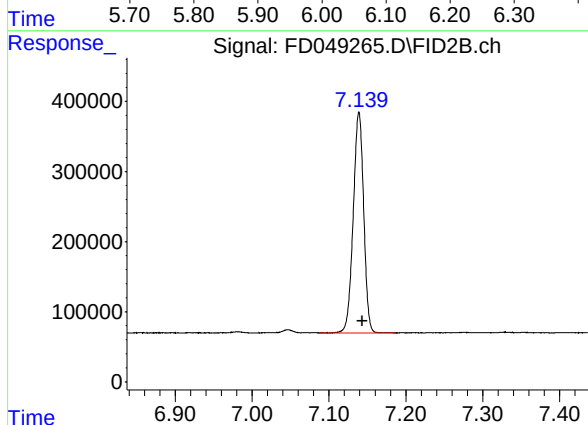
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 2831331
Conc: 18.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



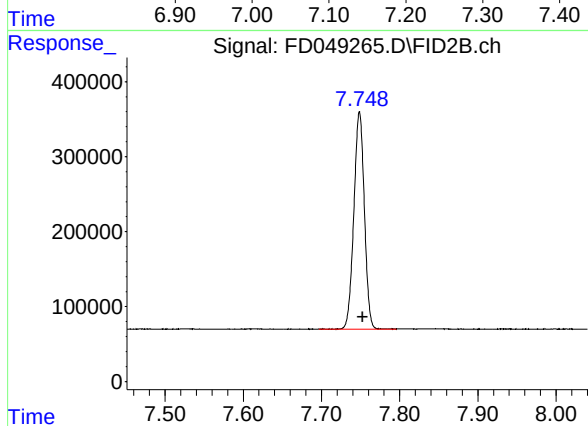
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 2991761
Conc: 18.27 ug/ml



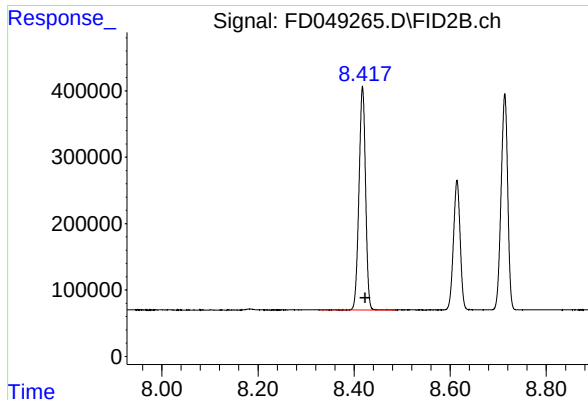
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.004 min
Response: 2977674
Conc: 18.41 ug/ml



#4 2-Bromonaphthalene (SURR)

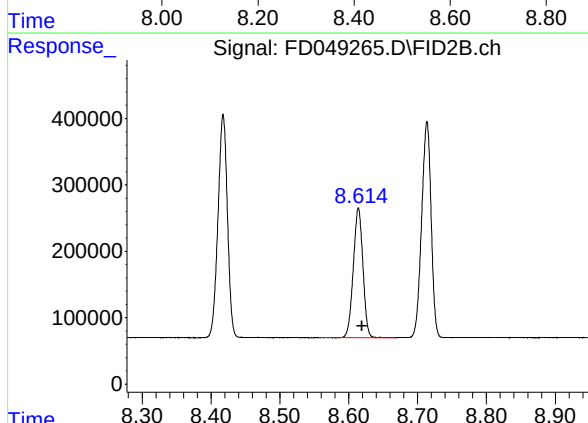
R.T.: 7.749 min
Delta R.T.: -0.004 min
Response: 2707225
Conc: 18.28 ug/ml



#5 Acenaphthylene (C15.06)

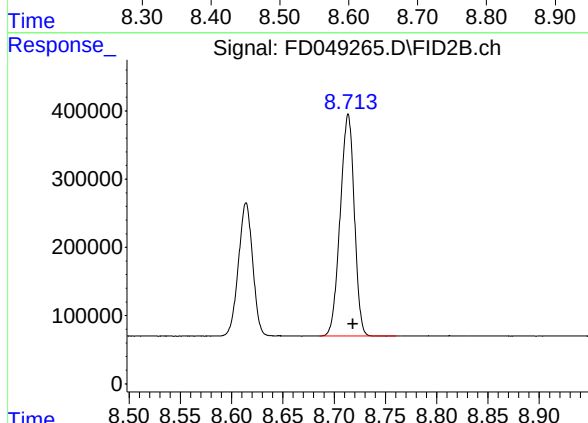
R.T.: 8.418 min
Delta R.T.: -0.005 min
Response: 3197030
Conc: 18.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



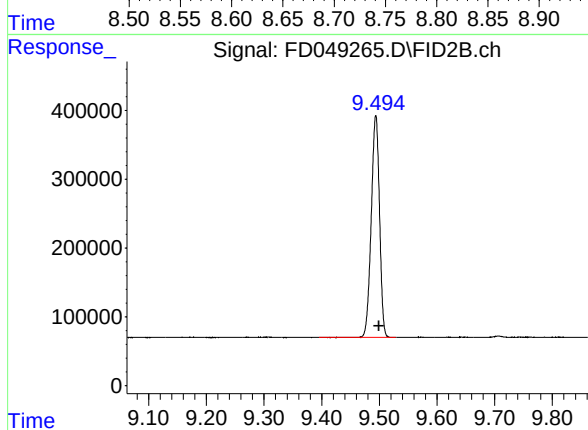
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.005 min
Response: 1890522
Conc: 18.53 ug/ml



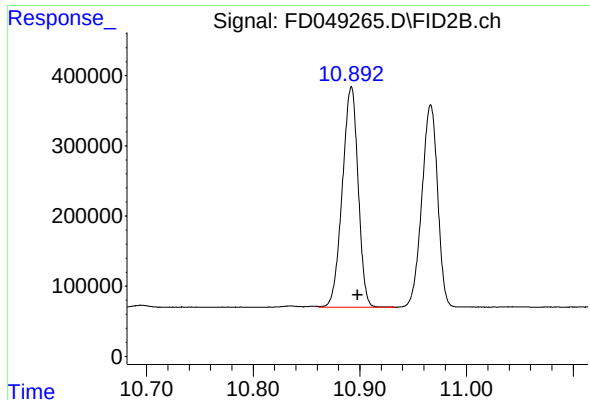
#7 Acenaphthene (C15.5)

R.T.: 8.714 min
Delta R.T.: -0.005 min
Response: 3112613
Conc: 18.07 ug/ml



#8 Flouorene (C16.55)

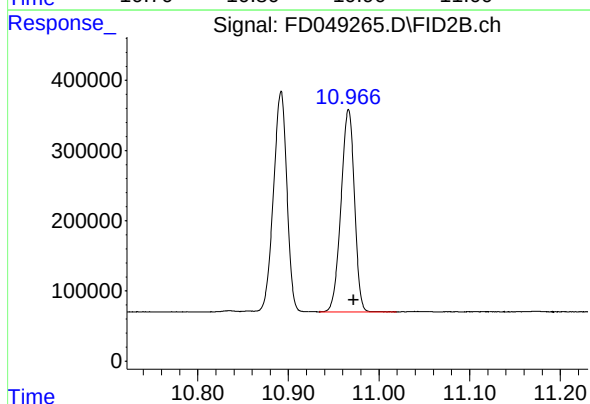
R.T.: 9.494 min
Delta R.T.: -0.005 min
Response: 3196716
Conc: 18.33 ug/ml



#9 Phenanthrene (C19.36)

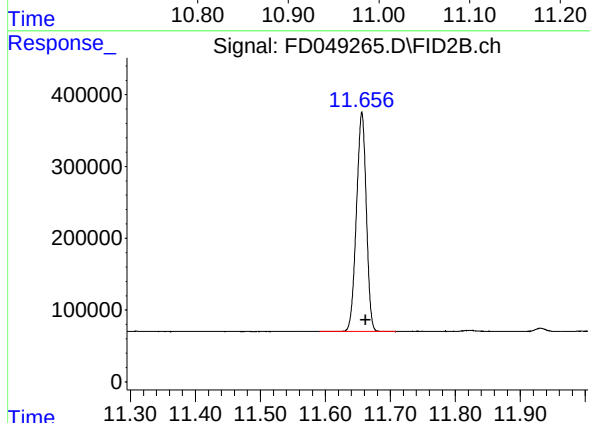
R.T.: 10.892 min
Delta R.T.: -0.006 min
Response: 3232520
Conc: 18.84 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



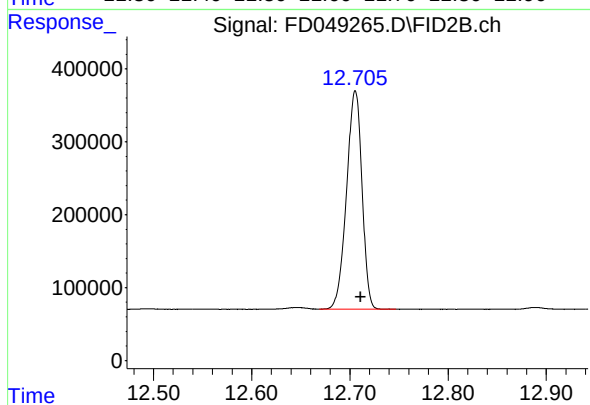
#10 Anthracene (C19.43)

R.T.: 10.966 min
Delta R.T.: -0.006 min
Response: 2967316
Conc: 18.89 ug/ml



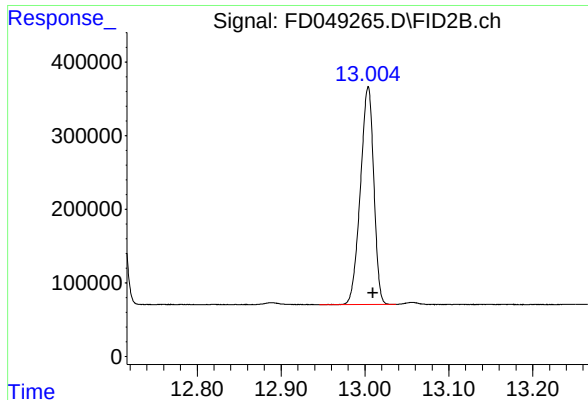
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.006 min
Response: 3220564
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

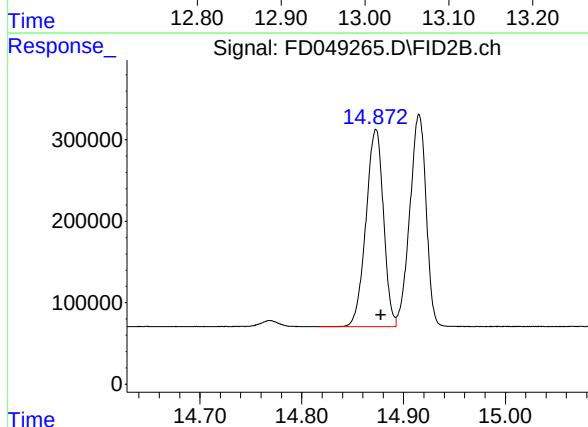
R.T.: 12.706 min
Delta R.T.: -0.005 min
Response: 3285324
Conc: 19.44 ug/ml



#13 Pyrene (C20.8)

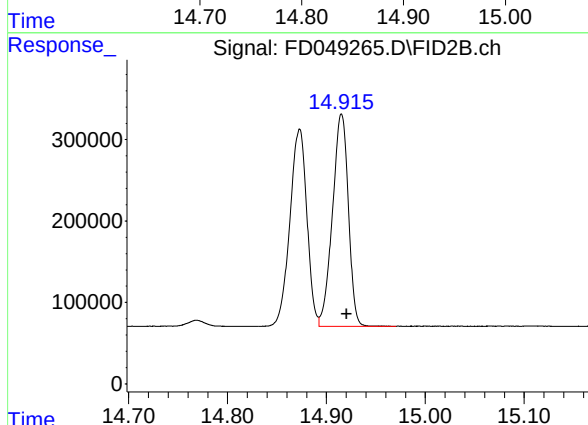
R.T.: 13.004 min
Delta R.T.: -0.005 min
Response: 3273983
Conc: 19.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



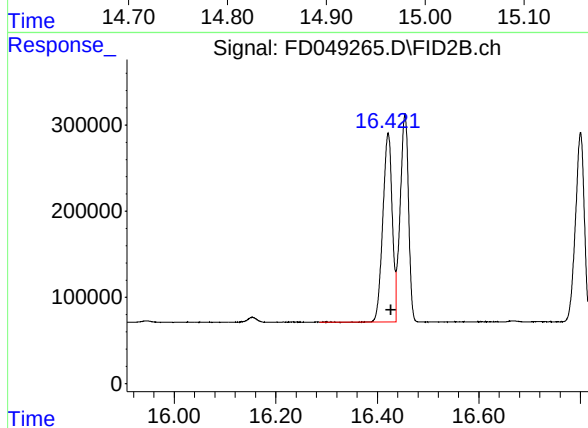
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.873 min
Delta R.T.: -0.005 min
Response: 2897889
Conc: 20.16 ug/ml



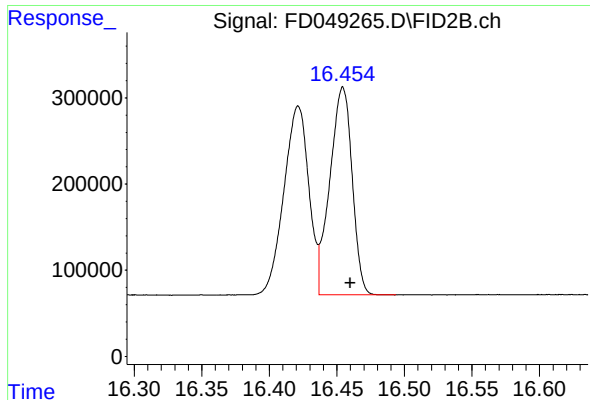
#15 Chrysene (C27.41)

R.T.: 14.915 min
Delta R.T.: -0.005 min
Response: 2910266
Conc: 20.17 ug/ml



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

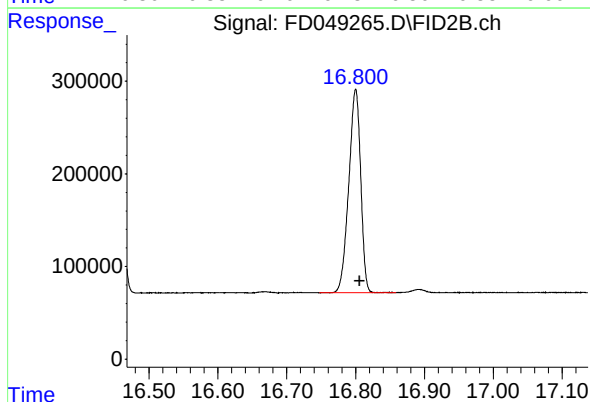
R.T.: 16.421 min
Delta R.T.: -0.006 min
Response: 2814111
Conc: 20.23 ug/ml



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

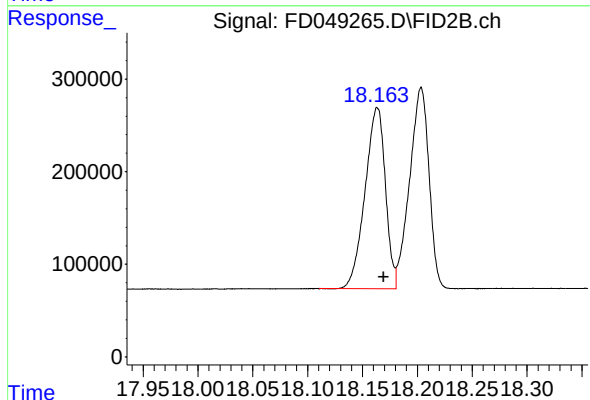
R.T.: 16.454 min
Delta R.T.: -0.006 min
Response: 2767847
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



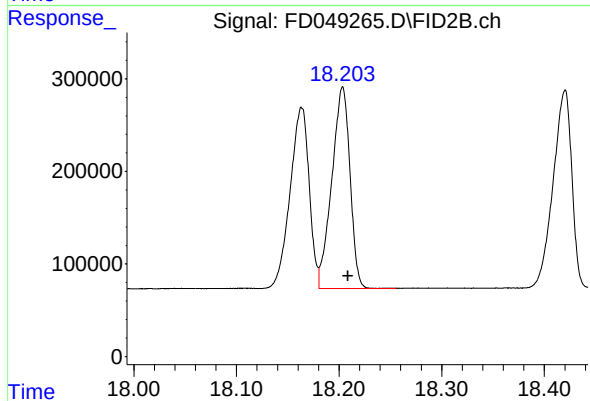
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 2642482
Conc: 20.32 ug/ml



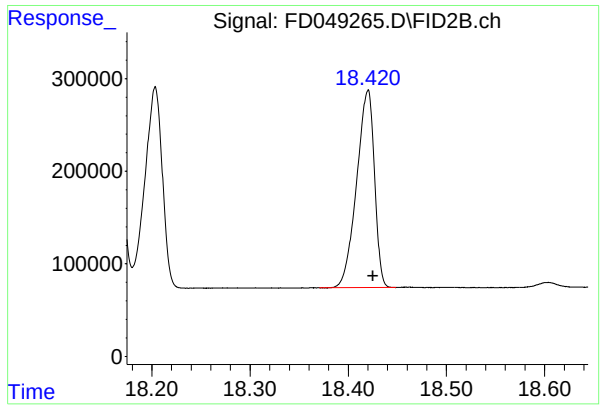
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.164 min
Delta R.T.: -0.006 min
Response: 2523875
Conc: 20.47 ug/ml



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

R.T.: 18.203 min
Delta R.T.: -0.005 min
Response: 2679379
Conc: 21.19 ug/ml



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

R.T.: 18.420 min
Delta R.T.: -0.005 min
Response: 2692907
Conc: 20.63 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD