

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049277.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 19:45
 Operator : YP/AJ
 Sample : Q1746-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 01:05:24 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	5402290	36.469 ug/ml
Spiked Amount 50.000		Recovery =	72.94%
6) S 2-Fluorobiphenyl (SURR)	8.615	3125160	30.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.28%
11) S ortho-Terphenyl (SURR)	11.657	5397335	30.635 ug/ml
Spiked Amount 50.000		Recovery =	61.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	2191469	14.624 ug/ml
2) T Naphthalene (C11.7)	6.085	3107334	18.978 ug/ml
3) T 2-Methylnaphthalene (...)	7.139	3471583	21.463 ug/ml
5) T Acenaphthylene (C15.06)	8.419	4992986	28.267 ug/ml
7) T Acenaphthene (C15.5)	8.715	4962706	28.805 ug/ml
8) T Flouorene (C16.55)	9.496	5818239	33.365 ug/ml
9) T Phenanthrene (C19.36)	10.894	6340780	36.948 ug/ml
10) T Anthracene (C19.43)	10.970	6087215	38.748 ug/ml
12) T Fluoranthene (C21.85)	12.709	6875608	40.677 ug/ml
13) T Pyrene (C20.8)	13.008	6637585	39.576 ug/ml
14) T Benzo[a]anthracene (C...	14.878	6247616	43.463 ug/ml
15) T Chrysene (C27.41)	14.923	6757556	46.832 ug/ml
16) T benzo[b]fluoranthene ...	16.428	5992863	43.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.464	5821762	42.567 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.808	5577777	42.894 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.174	5942171	48.202 ug/ml
20) T Dibenz[a,h]anthracene...	18.212	5441286	43.032 ug/ml
21) T Benzo[g,h,i]perylene ...	18.432	5514184	42.238 ug/ml

(f)=RT Delta > 1/2 Window

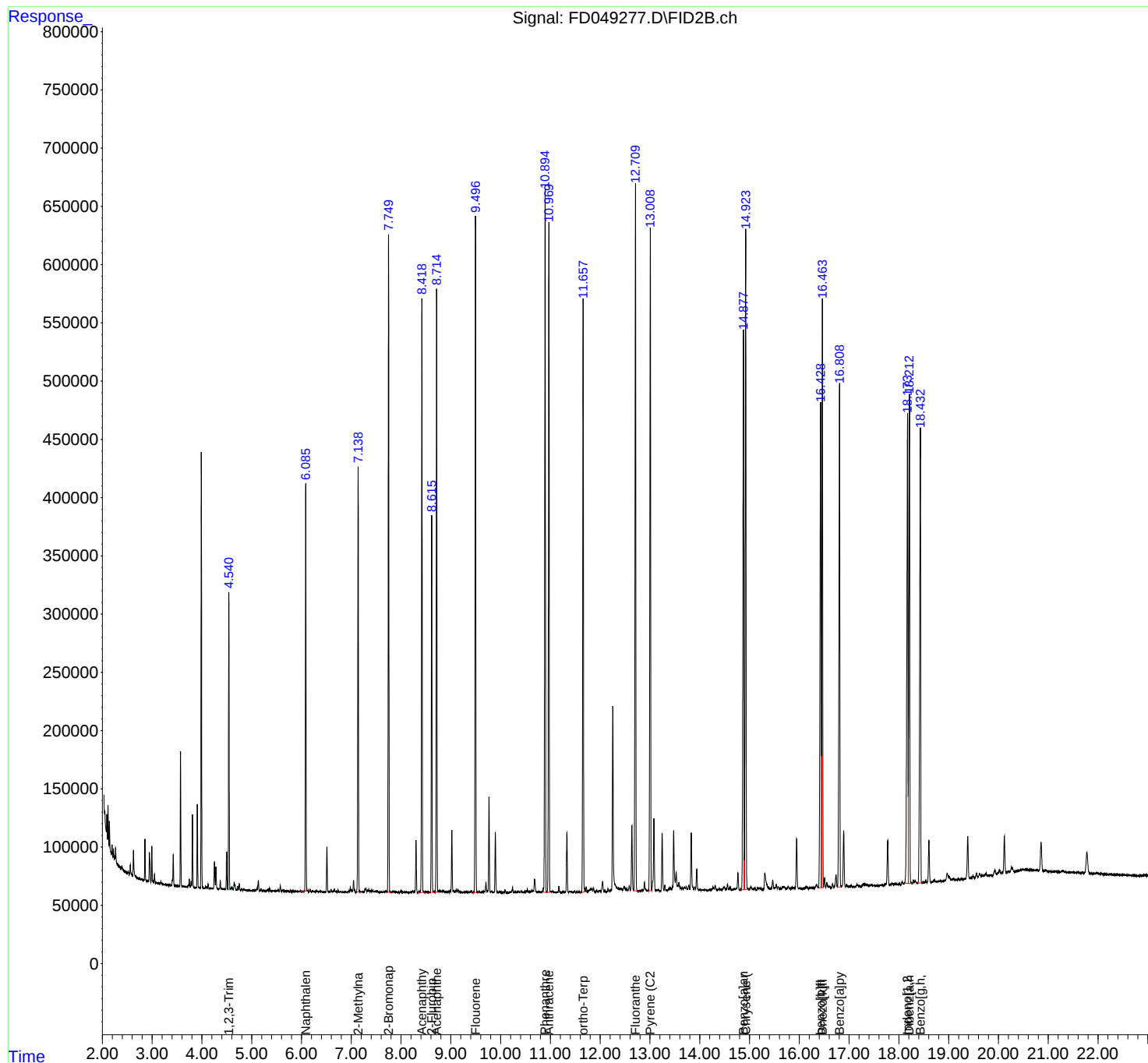
(m)=manual int.

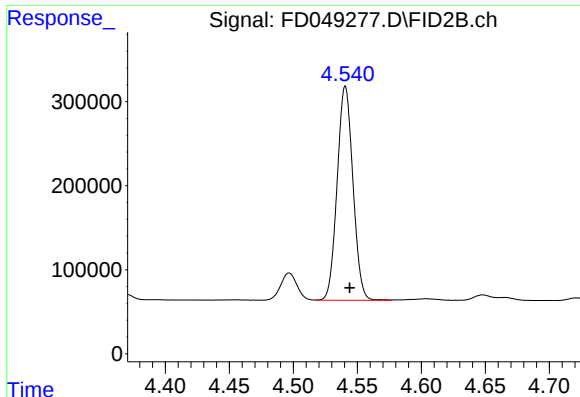
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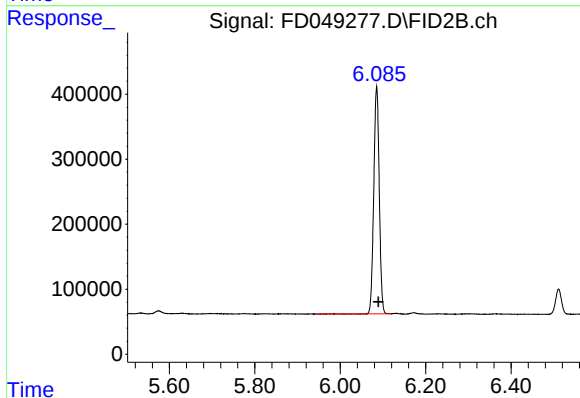




#1 1,2,3-Trimethylbenzene (C10.1)

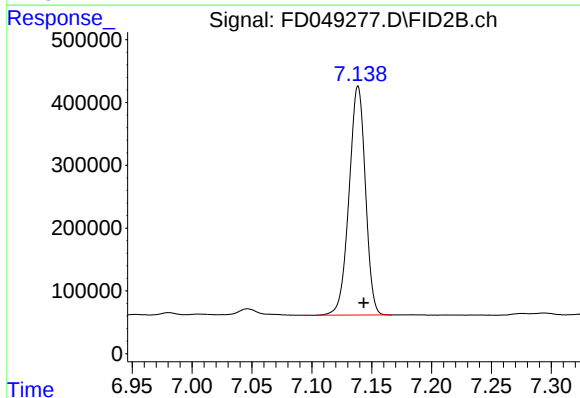
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 2191469
Conc: 14.62 ug/ml

Instrument :
FID_D
ClientSampleId :



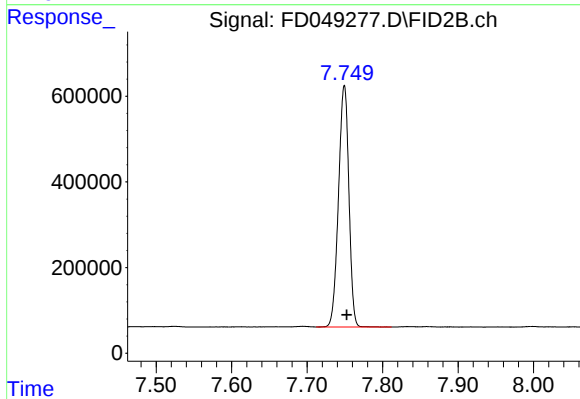
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 3107334
Conc: 18.98 ug/ml



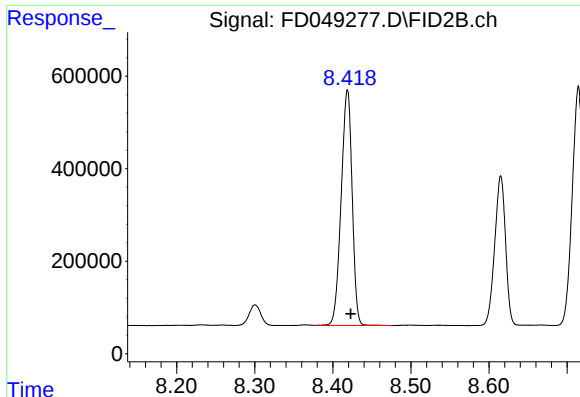
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 3471583
Conc: 21.46 ug/ml



#4 2-Bromonaphthalene (SURR)

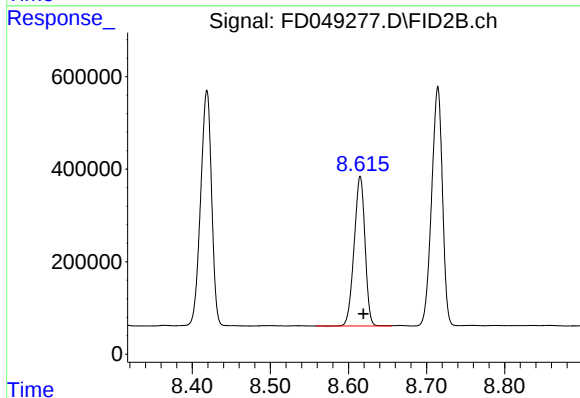
R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 5402290
Conc: 36.47 ug/ml



#5 Acenaphthylene (C15.06)

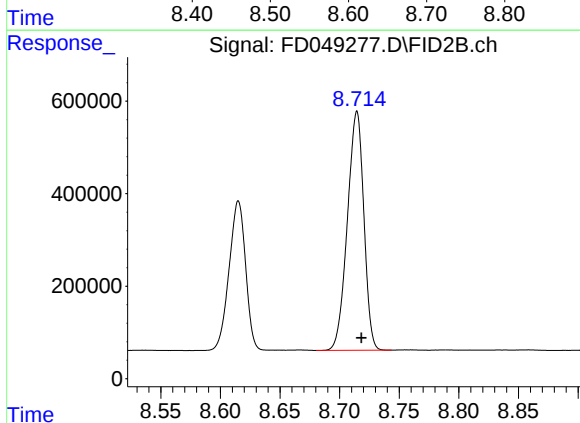
R.T.: 8.419 min
Delta R.T.: -0.004 min
Response: 4992986
Conc: 28.27 ug/ml

Instrument :
FID_D
ClientSampleId :



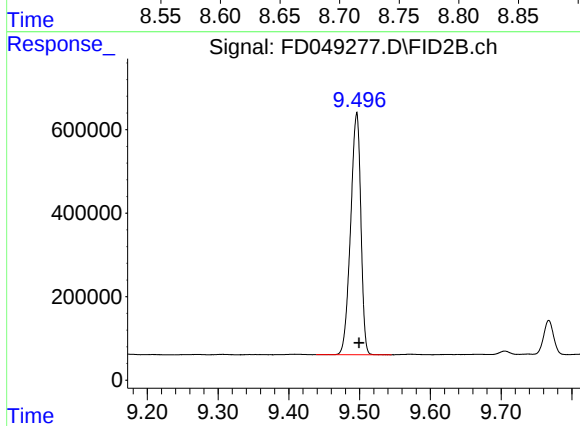
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3125160
Conc: 30.64 ug/ml



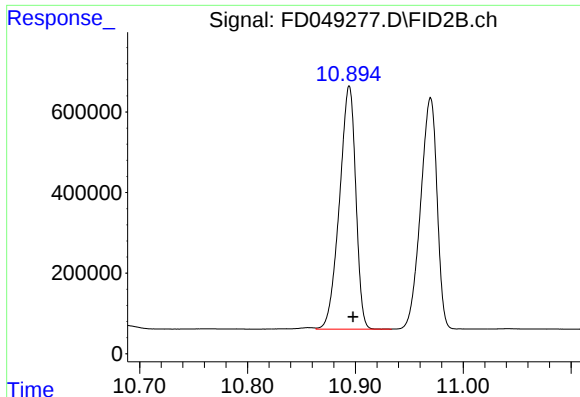
#7 Acenaphthene (C15.5)

R.T.: 8.715 min
Delta R.T.: -0.004 min
Response: 4962706
Conc: 28.81 ug/ml



#8 Flouorene (C16.55)

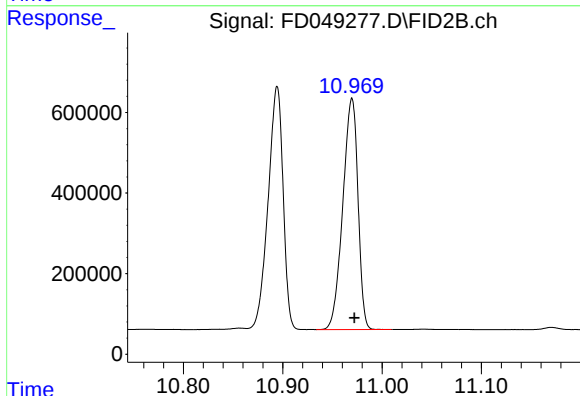
R.T.: 9.496 min
Delta R.T.: -0.003 min
Response: 5818239
Conc: 33.37 ug/ml



#9 Phenanthrene (C19.36)

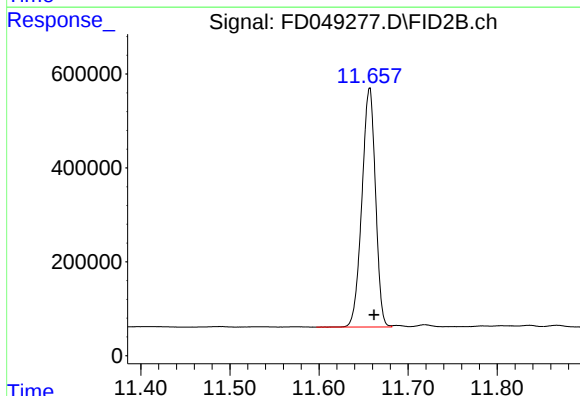
R.T.: 10.894 min
Delta R.T.: -0.003 min
Response: 6340780
Conc: 36.95 ug/ml

Instrument :
FID_D
ClientSampleId :



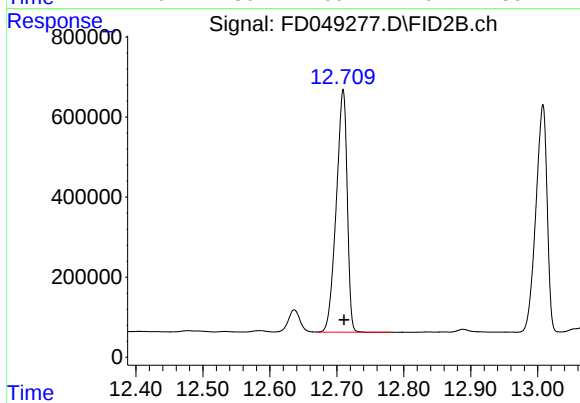
#10 Anthracene (C19.43)

R.T.: 10.970 min
Delta R.T.: -0.002 min
Response: 6087215
Conc: 38.75 ug/ml



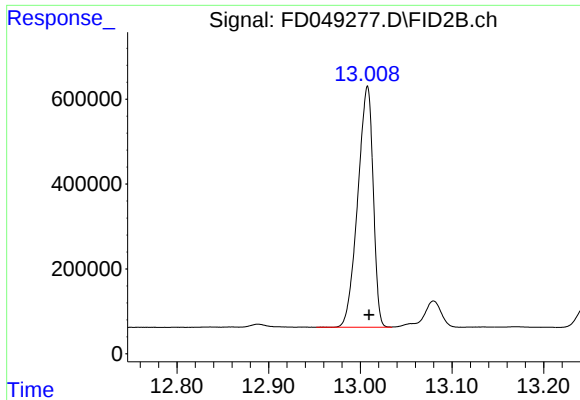
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 5397335
Conc: 30.63 ug/ml



#12 Fluoranthene (C21.85)

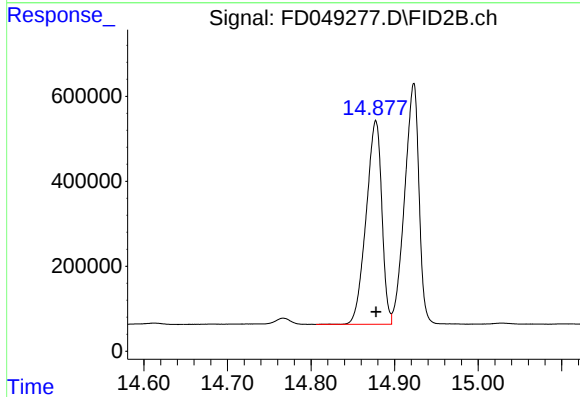
R.T.: 12.709 min
Delta R.T.: -0.001 min
Response: 6875608
Conc: 40.68 ug/ml



#13 Pyrene (C20.8)

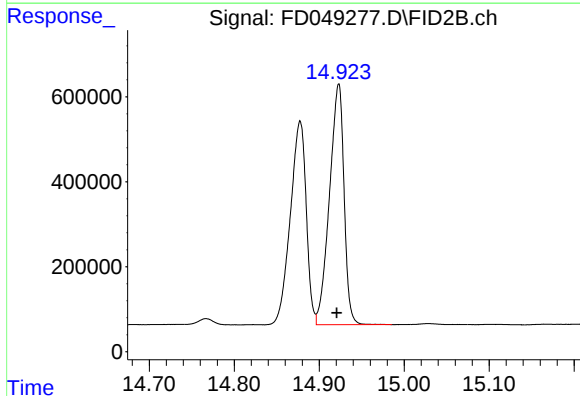
R.T.: 13.008 min
Delta R.T.: -0.002 min
Response: 6637585
Conc: 39.58 ug/ml

Instrument :
FID_D
ClientSampleId :



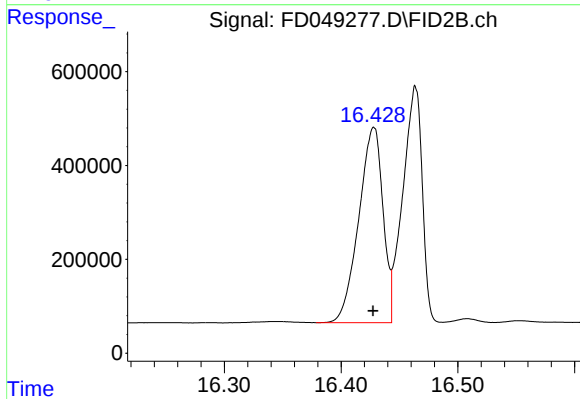
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 6247616
Conc: 43.46 ug/ml



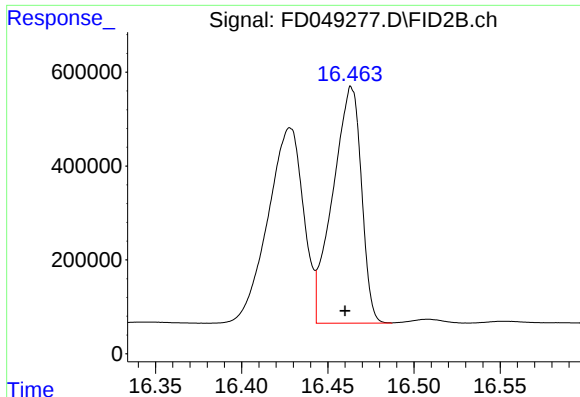
#15 Chrysene (C27.41)

R.T.: 14.923 min
Delta R.T.: 0.002 min
Response: 6757556
Conc: 46.83 ug/ml



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

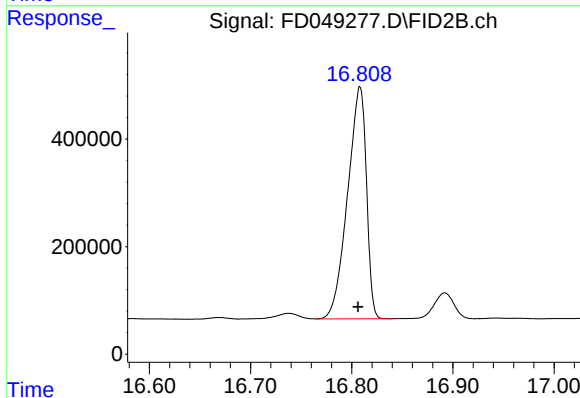
R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 5992863
Conc: 43.08 ug/ml



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

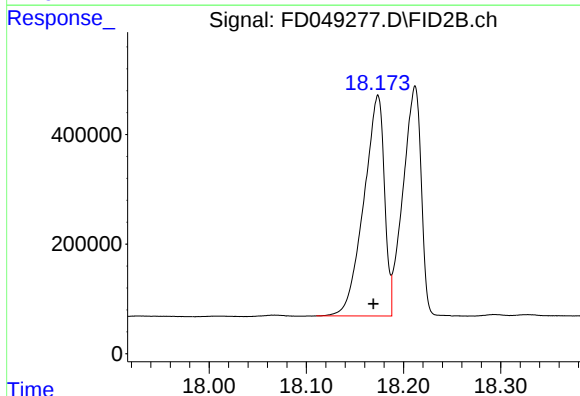
R.T.: 16.464 min
Delta R.T.: 0.004 min
Response: 5821762
Conc: 42.57 ug/ml

Instrument :
FID_D
ClientSampleId :



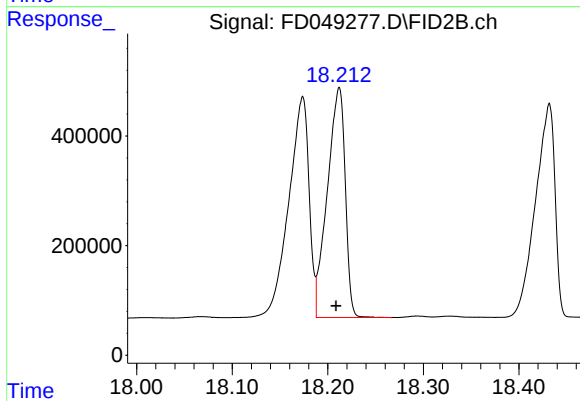
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.808 min
Delta R.T.: 0.002 min
Response: 5577777
Conc: 42.89 ug/ml



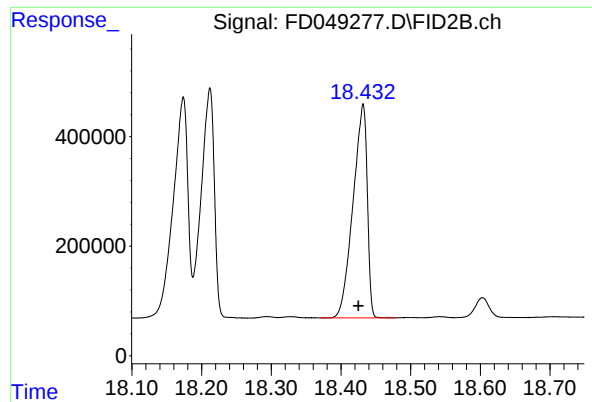
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.174 min
Delta R.T.: 0.004 min
Response: 5942171
Conc: 48.20 ug/ml



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

R.T.: 18.212 min
Delta R.T.: 0.003 min
Response: 5441286
Conc: 43.03 ug/ml



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

R.T.: 18.432 min
Delta R.T.: 0.007 min
Response: 5514184
Conc: 42.24 ug/ml

Instrument :

FID_D

ClientSampleId :