

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046001.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 16:43
 Operator : YP/AJ
 Sample : 03361-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 18:49:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 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...	7.522	9599275	44.544 ug/ml
Spiked Amount 50.000		Recovery =	89.09%
6) S 2-Fluorobiphenyl (SURR)	8.377	5979371	43.203 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.41%
11) S ortho-Terphenyl (SURR)	11.416	8431217	33.256 ug/ml
Spiked Amount 50.000		Recovery =	66.51%
Target Compounds			
2) T Naphthalene (C11.7)	5.858	176235	0.691 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	95420	0.379 ug/ml
5) T Acenaphthylene (C15.06)	8.177	173463	0.799 ug/ml
7) T Acenaphthene (C15.5)	8.472	149411	0.634 ug/ml
8) T Fluorene (C16.55)	9.249	250333	1.106 ug/ml
9) T Phenanthrene (C19.36)	10.640	2108138	9.880 ug/ml
10) T Anthracene (C19.43)	10.713	471368	2.967 ug/ml
12) T Fluoranthene (C21.85)	12.447	3621321	17.695 ug/ml
13) T Pyrene (C20.8)	12.742	3148873	16.195 ug/ml
14) T Benzo[a]anthracene (C...	14.603	1652582	9.189 ug/ml
15) T Chrysene (C27.41)	14.644	1755448	8.944 ug/ml
16) T benzo[b]fluoranthene ...	16.150	2173366	11.588 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	823195	4.162 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	1572985	9.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	1141548	6.134 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	263788	1.435 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	907881	4.859 ug/ml

(f)=RT Delta > 1/2 Window

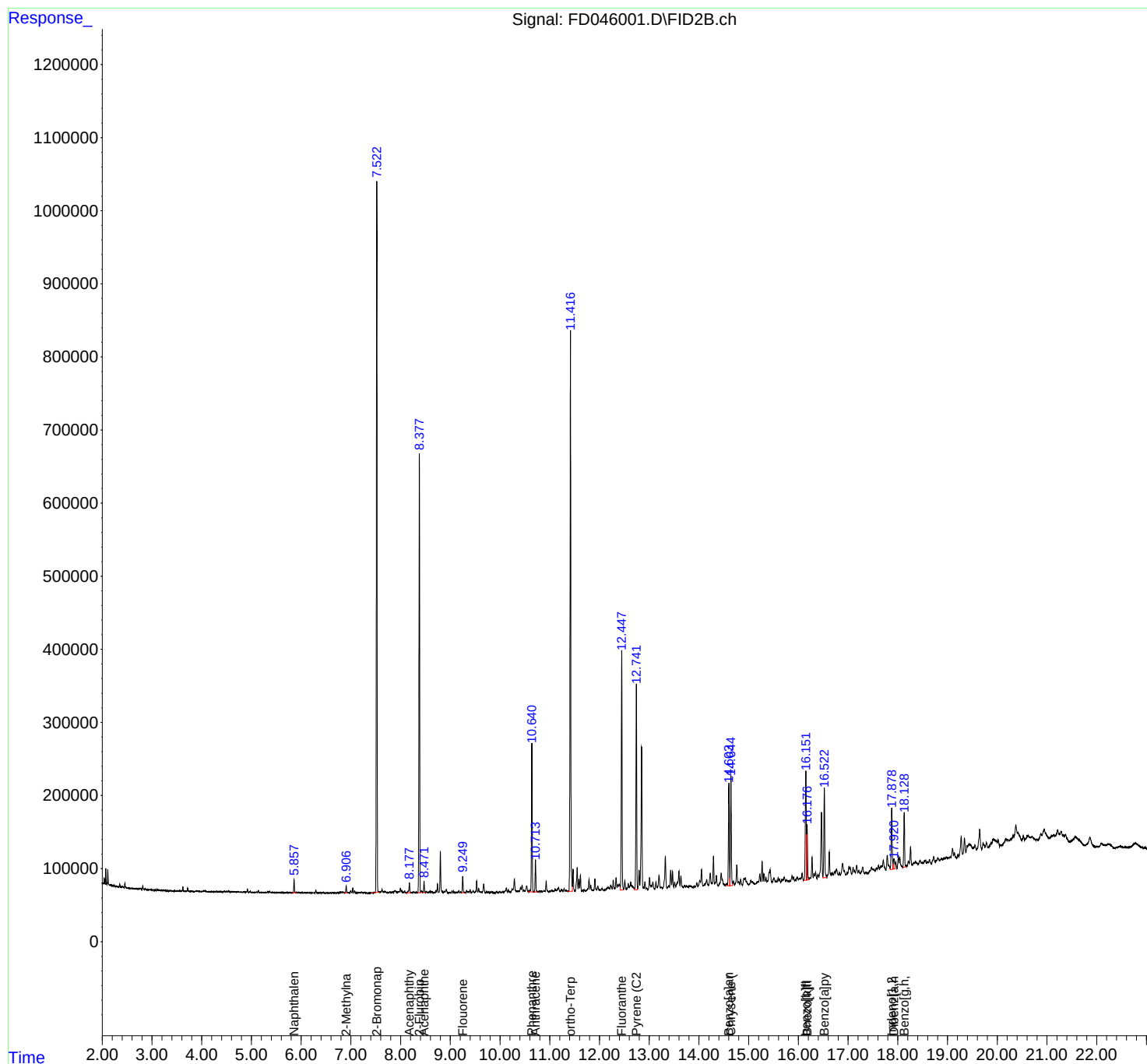
(m)=manual int.

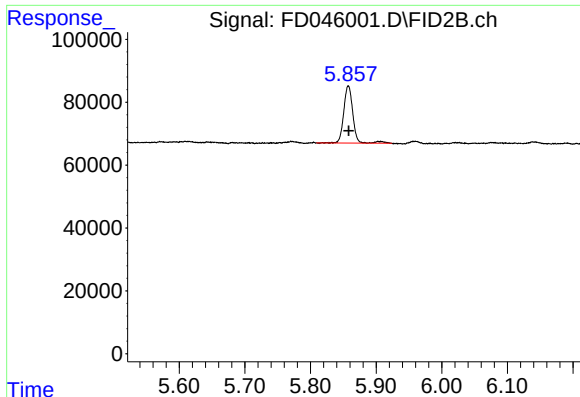
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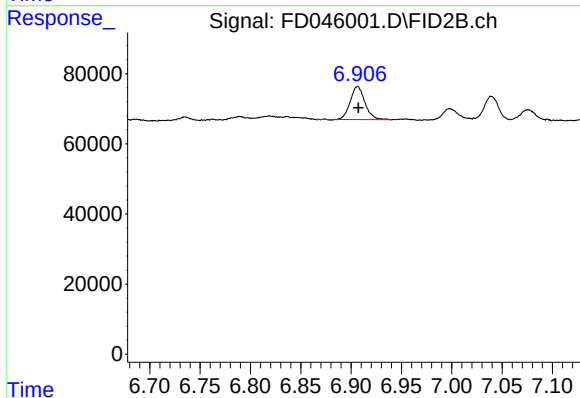




#2 Naphthalene (C11.7)

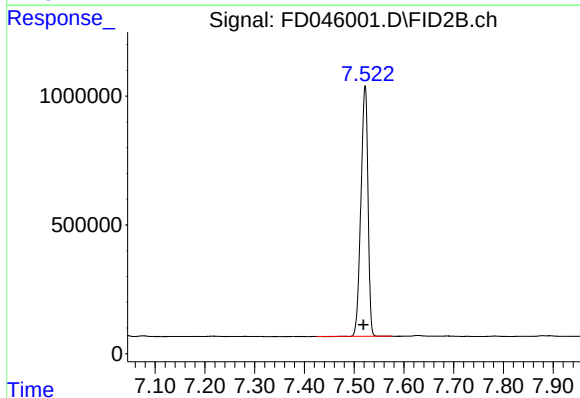
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 176235
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



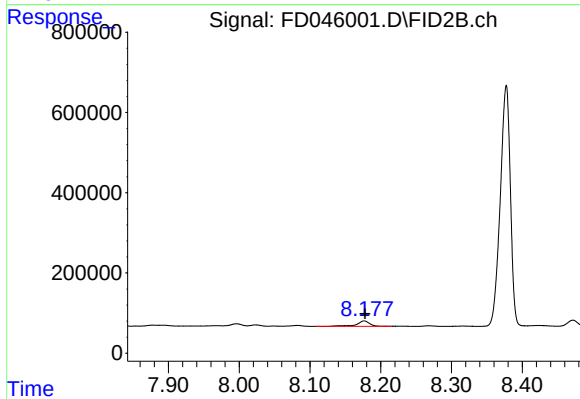
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 95420
Conc: 0.38 ug/ml



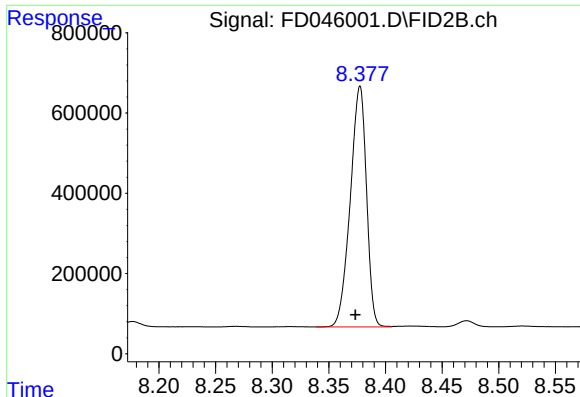
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: 0.003 min
Response: 9599275
Conc: 44.54 ug/ml



#5 Acenaphthylene (C15.06)

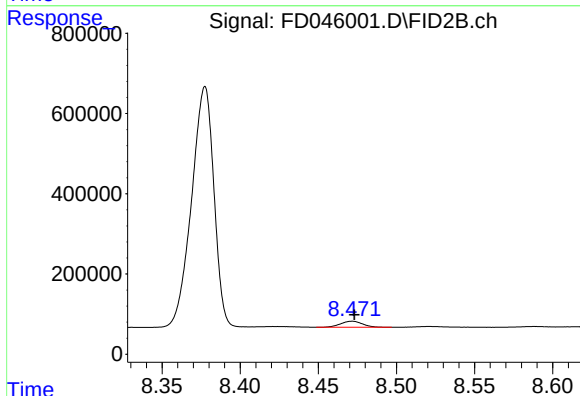
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 173463
Conc: 0.80 ug/ml



#6 2-Fluorobiphenyl (SURR)

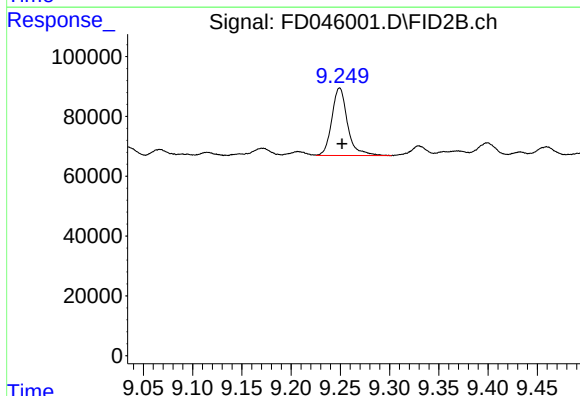
R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 5979371
Conc: 43.20 ug/ml

Instrument :
FID_D
ClientSampleId :



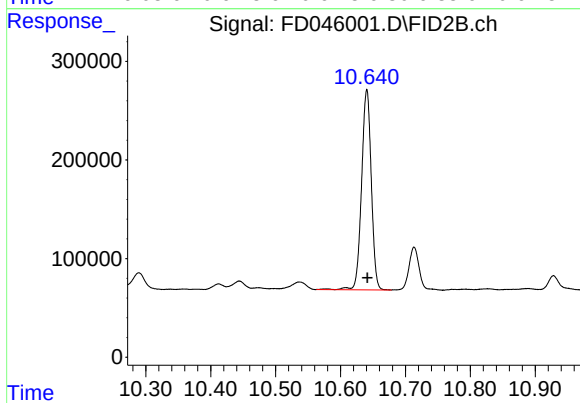
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 149411
Conc: 0.63 ug/ml



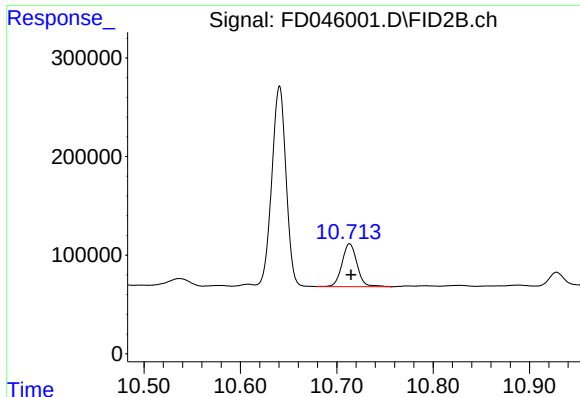
#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: -0.002 min
Response: 250333
Conc: 1.11 ug/ml



#9 Phenanthrene (C19.36)

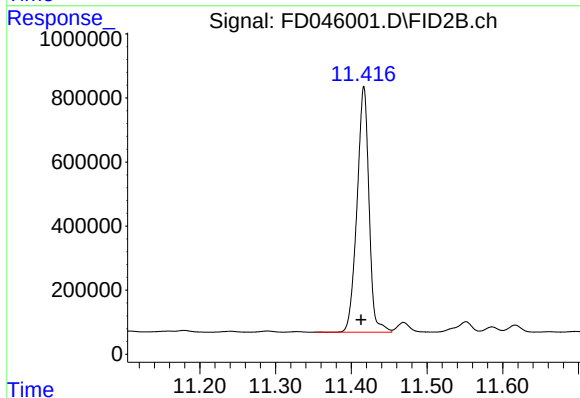
R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 2108138
Conc: 9.88 ug/ml



#10 Anthracene (C19.43)

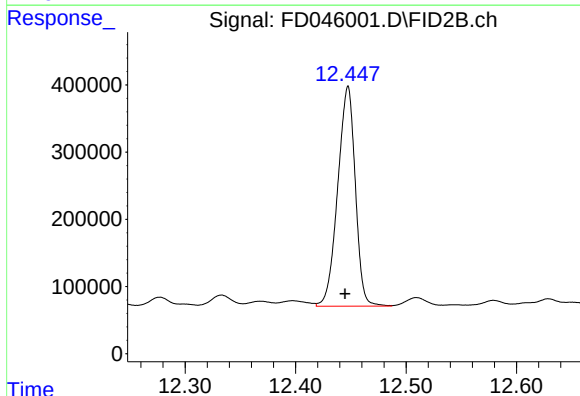
R.T.: 10.713 min
Delta R.T.: -0.001 min
Response: 471368
Conc: 2.97 ug/ml

Instrument :
FID_D
ClientSampleId :



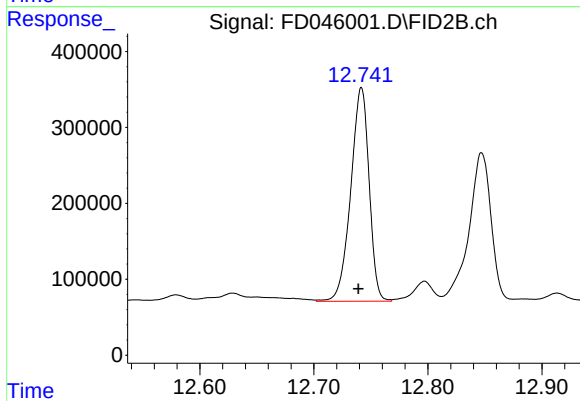
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.004 min
Response: 8431217
Conc: 33.26 ug/ml



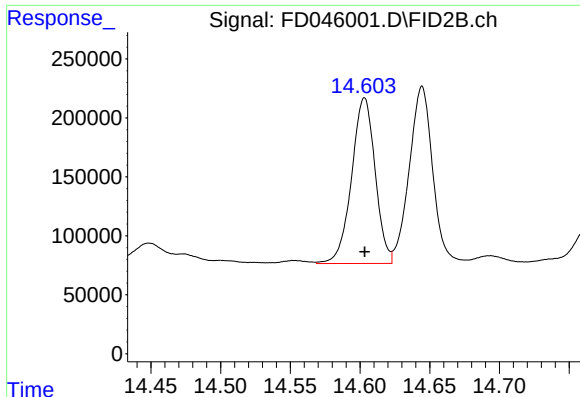
#12 Fluoranthene (C21.85)

R.T.: 12.447 min
Delta R.T.: 0.002 min
Response: 3621321
Conc: 17.70 ug/ml



#13 Pyrene (C20.8)

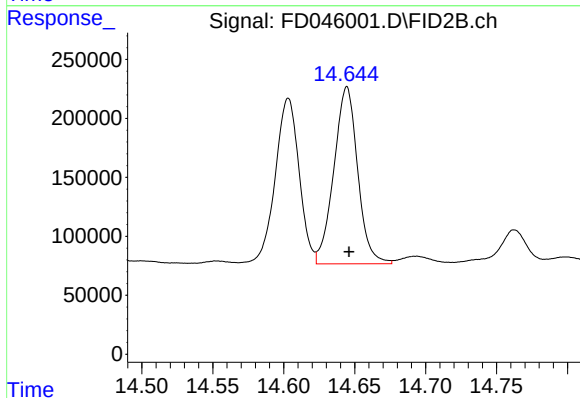
R.T.: 12.742 min
Delta R.T.: 0.002 min
Response: 3148873
Conc: 16.19 ug/ml



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

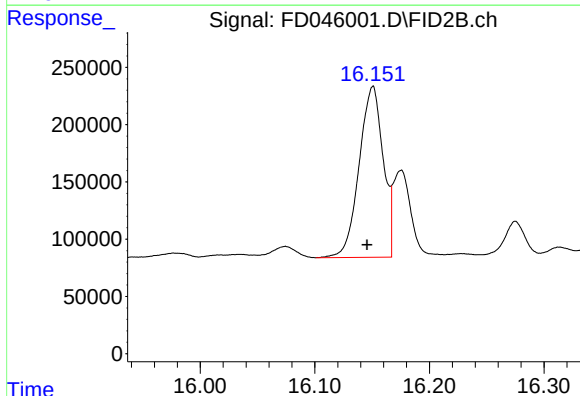
R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 1652582
Conc: 9.19 ug/ml

Instrument :
FID_D
ClientSampleId :



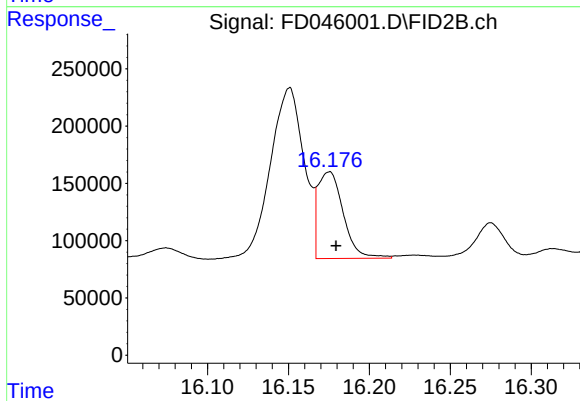
#15 Chrysene (C27.41)

R.T.: 14.644 min
Delta R.T.: -0.002 min
Response: 1755448
Conc: 8.94 ug/ml



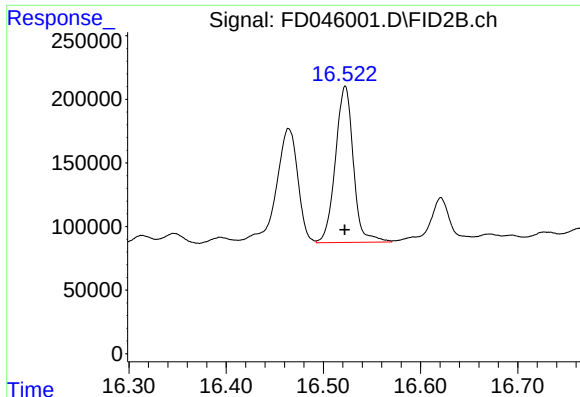
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.150 min
Delta R.T.: 0.005 min
Response: 2173366
Conc: 11.59 ug/ml



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

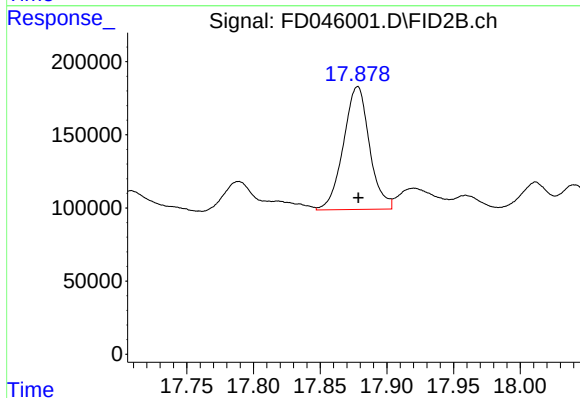
R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 823195
Conc: 4.16 ug/ml



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

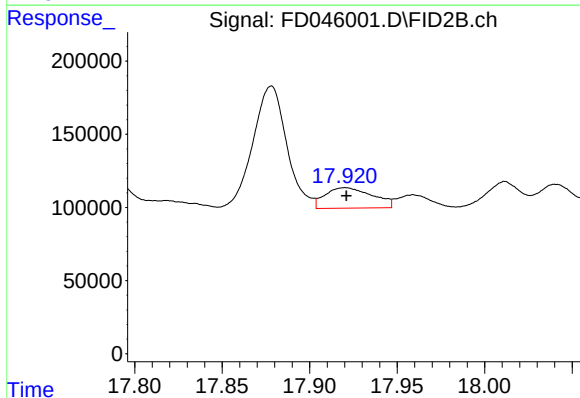
R.T.: 16.522 min
Delta R.T.: 0.000 min
Response: 1572985
Conc: 9.03 ug/ml

Instrument :
FID_D
ClientSampleId :



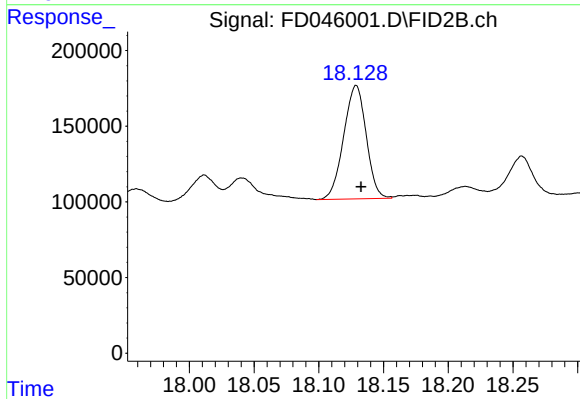
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 1141548
Conc: 6.13 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.000 min
Response: 263788
Conc: 1.43 ug/ml



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

R.T.: 18.129 min
Delta R.T.: -0.004 min
Response: 907881
Conc: 4.86 ug/ml