

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045852.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 21:12
 Operator : YP/AJ
 Sample : 03222-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:39:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.527	8950743	49.647 ug/ml
Spiked Amount 50.000		Recovery =	99.29%
6) S 2-Fluorobiphenyl (SURR)	8.381	5582226	46.431 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.86%
11) S ortho-Terphenyl (SURR)	11.422	7789313	34.872 ug/ml
Spiked Amount 50.000		Recovery =	69.74%
Target Compounds			
2) T Naphthalene (C11.7)	5.863	94531	0.446 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	81741	0.387 ug/ml
5) T Acenaphthylene (C15.06)	8.181	92010	0.486 ug/ml
7) T Acenaphthene (C15.5)	8.476	108244	0.535 ug/ml
8) T Fluorene (C16.55)	9.254	161512	0.815 ug/ml
9) T Phenanthrene (C19.36)	10.644	1395572	7.295 ug/ml
10) T Anthracene (C19.43)	10.717	455321	2.673 ug/ml
12) T Fluoranthene (C21.85)	12.451	3097043	16.764 ug/ml
13) T Pyrene (C20.8)	12.746	3765129	21.082 ug/ml
14) T Benzo[a]anthracene (C...	14.608	1933684	12.350 ug/ml
15) T Chrysene (C27.41)	14.648	1962162	11.893 ug/ml
16) T benzo[b]fluoranthene ...	16.152	2031705	13.424 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	740893	4.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	1785048	12.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	1100699	7.515 ug/ml
20) T Dibenz[a,h]anthracene...	17.923	308140	2.054 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	48542	0.329 ug/ml

(f)=RT Delta > 1/2 Window

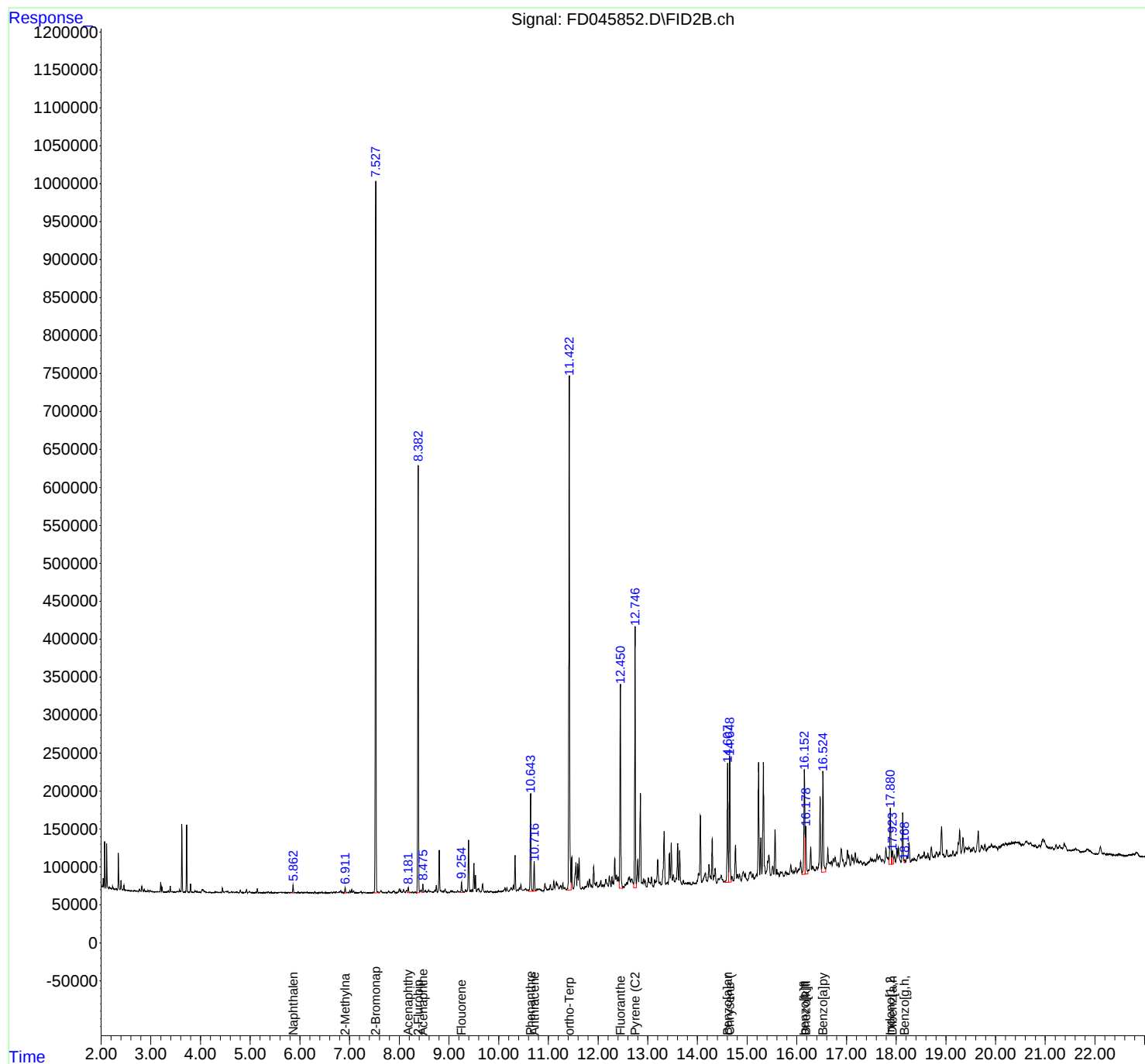
(m)=manual int.

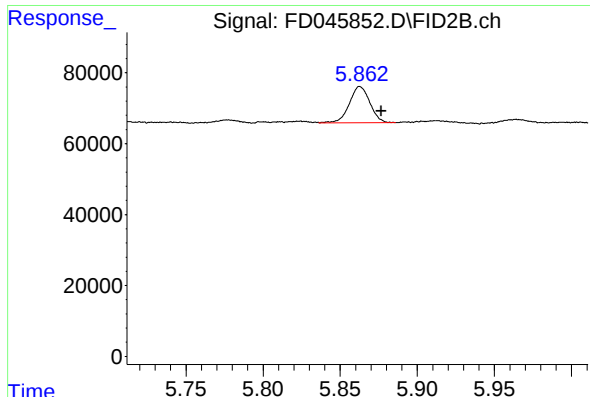
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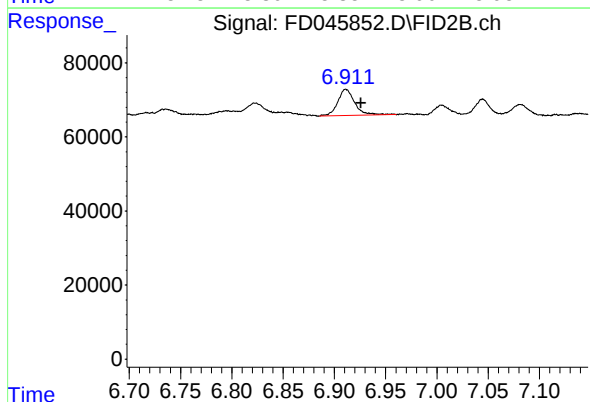




#2 Naphthalene (C11.7)

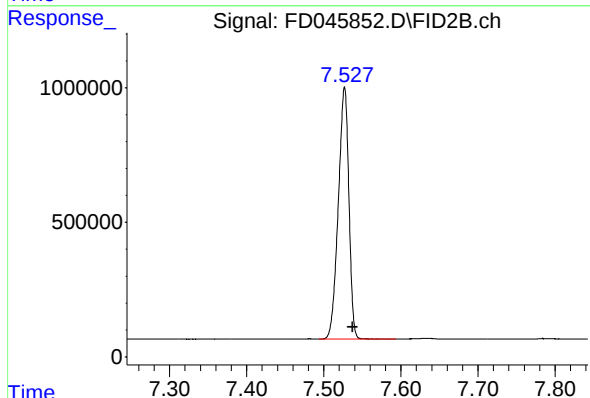
R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 94531
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



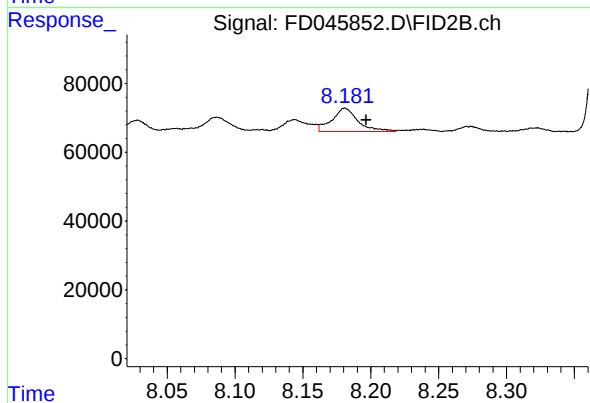
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.015 min
Response: 81741
Conc: 0.39 ug/ml



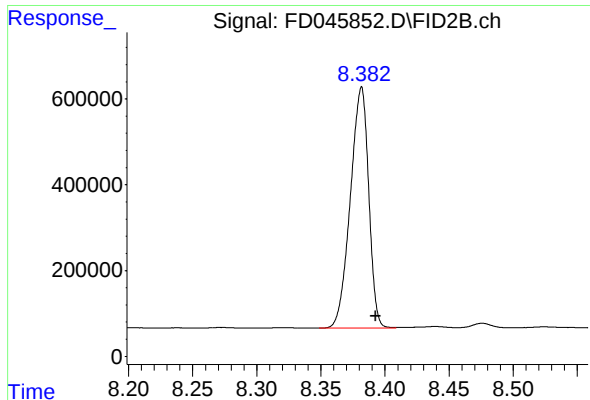
#4 2-Bromonaphthalene (SURR)

R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 8950743
Conc: 49.65 ug/ml



#5 Acenaphthylene (C15.06)

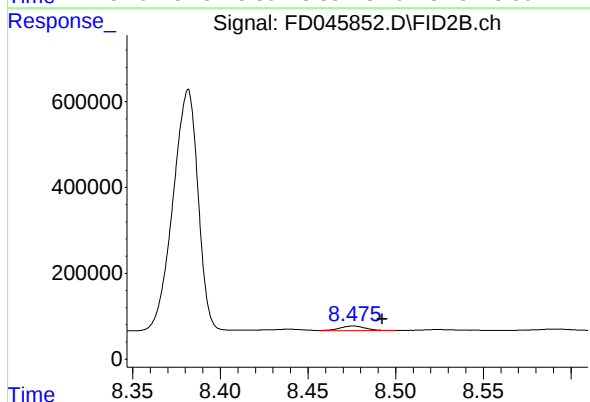
R.T.: 8.181 min
Delta R.T.: -0.016 min
Response: 92010
Conc: 0.49 ug/ml



#6 2-Fluorobiphenyl (SURR)

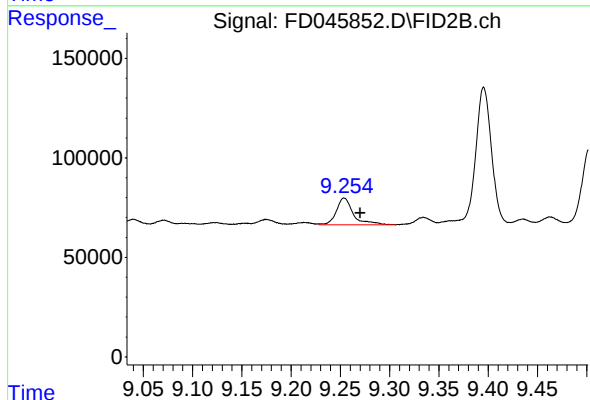
R.T.: 8.381 min
Delta R.T.: -0.011 min
Response: 5582226
Conc: 46.43 ug/ml

Instrument :
FID_D
ClientSampleId :



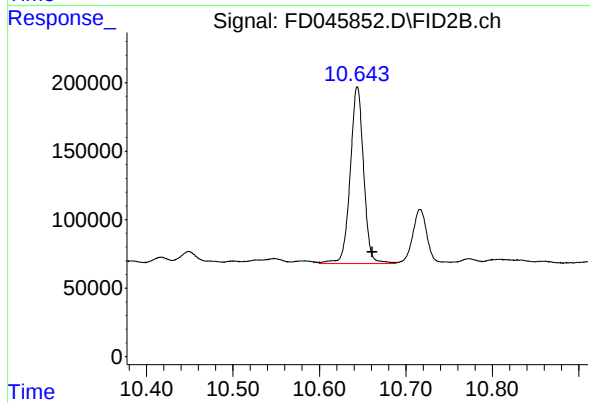
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: -0.017 min
Response: 108244
Conc: 0.54 ug/ml



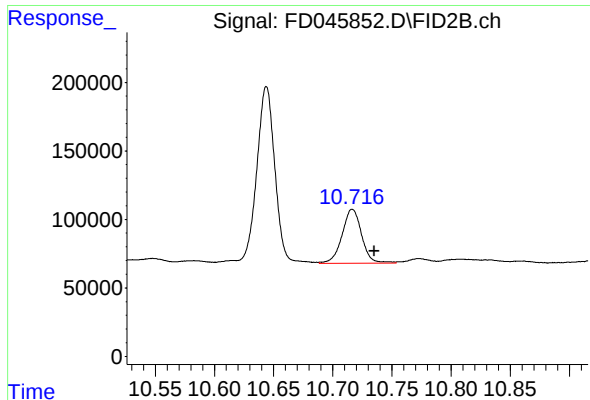
#8 Flouorene (C16.55)

R.T.: 9.254 min
Delta R.T.: -0.016 min
Response: 161512
Conc: 0.82 ug/ml



#9 Phenanthrene (C19.36)

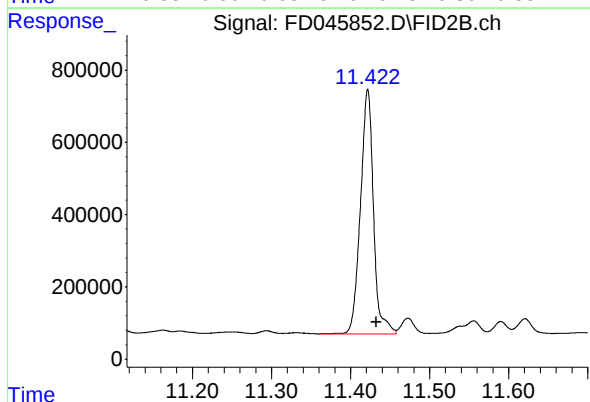
R.T.: 10.644 min
Delta R.T.: -0.017 min
Response: 1395572
Conc: 7.29 ug/ml



#10 Anthracene (C19.43)

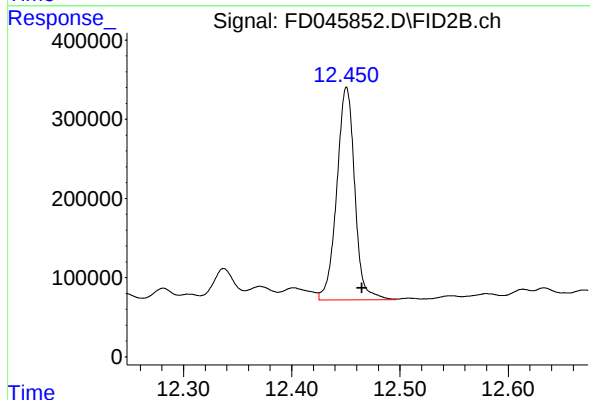
R.T.: 10.717 min
Delta R.T.: -0.019 min
Response: 455321
Conc: 2.67 ug/ml

Instrument :
FID_D
ClientSampleId :



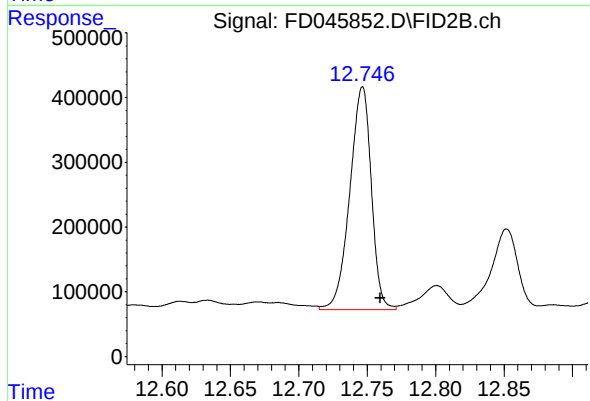
#11 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: -0.011 min
Response: 7789313
Conc: 34.87 ug/ml



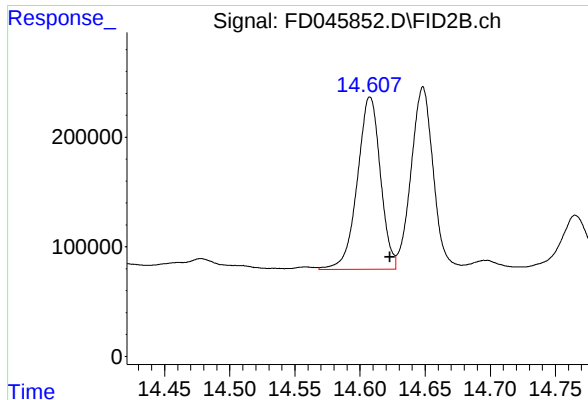
#12 Fluoranthene (C21.85)

R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 3097043
Conc: 16.76 ug/ml



#13 Pyrene (C20.8)

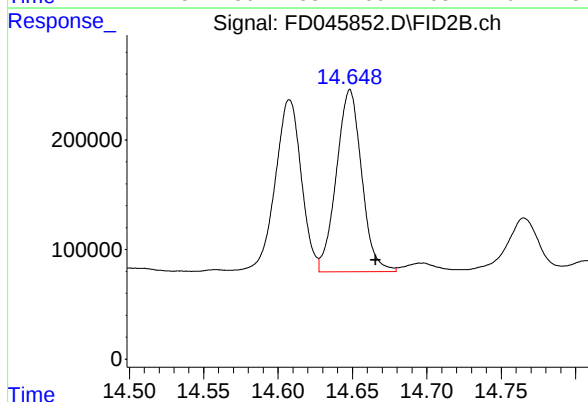
R.T.: 12.746 min
Delta R.T.: -0.013 min
Response: 3765129
Conc: 21.08 ug/ml



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

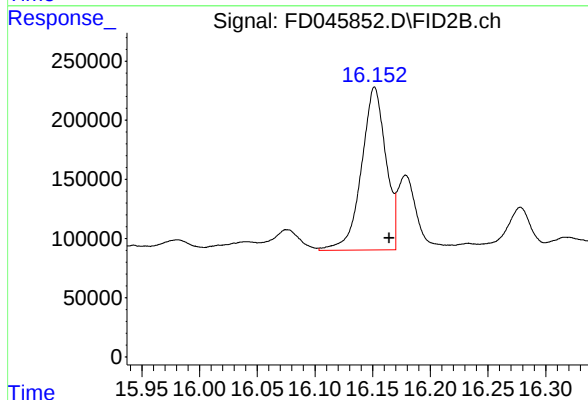
R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 1933684
Conc: 12.35 ug/ml

Instrument :
FID_D
ClientSampleId :



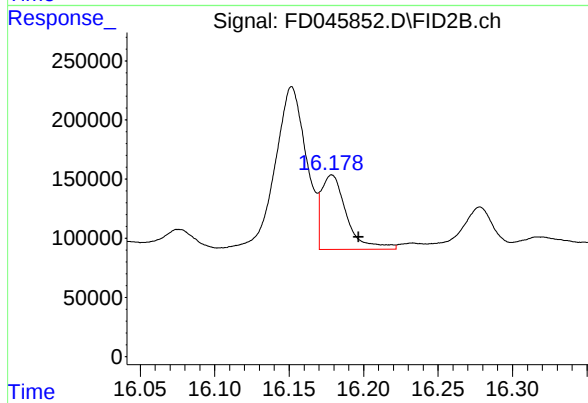
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.017 min
Response: 1962162
Conc: 11.89 ug/ml



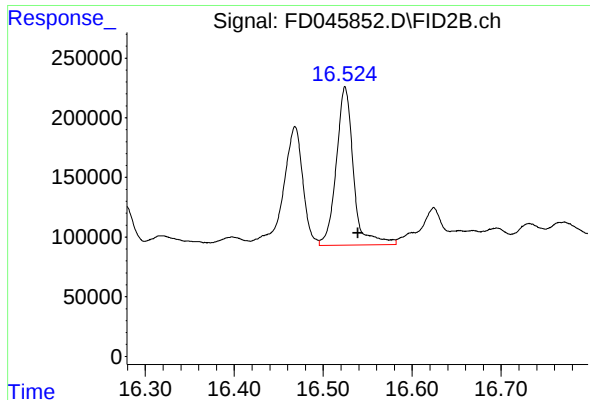
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.152 min
Delta R.T.: -0.013 min
Response: 2031705
Conc: 13.42 ug/ml



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

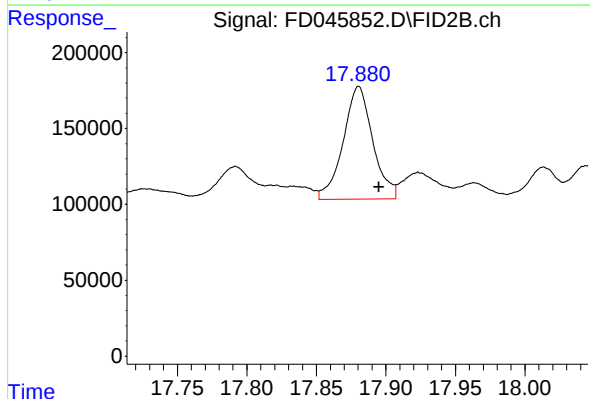
R.T.: 16.178 min
Delta R.T.: -0.018 min
Response: 740893
Conc: 4.79 ug/ml



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

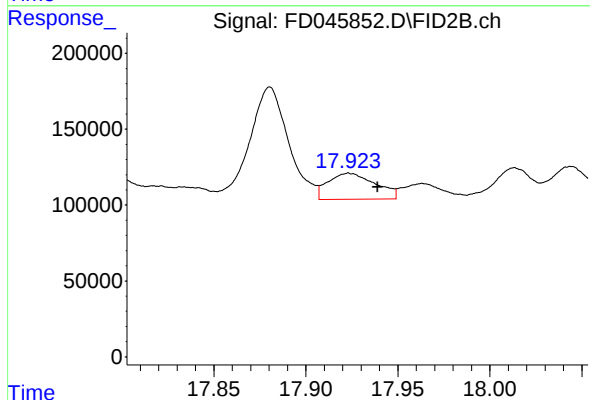
R.T.: 16.525 min
Delta R.T.: -0.015 min
Response: 1785048
Conc: 12.21 ug/ml

Instrument :
FID_D
ClientSampleId :



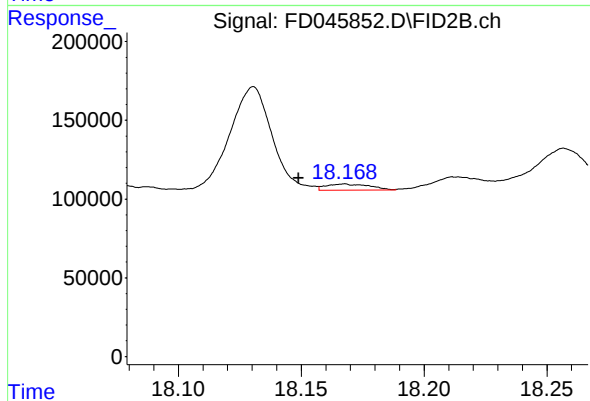
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 1100699
Conc: 7.52 ug/ml



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

R.T.: 17.923 min
Delta R.T.: -0.016 min
Response: 308140
Conc: 2.05 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.019 min
Response: 48542
Conc: 0.33 ug/ml