

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048025.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 03:37
 Operator : YP/AJ
 Sample : P3245-15
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 05:50:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.410	7679788	51.672 ug/ml
Spiked Amount 50.000		Recovery =	103.34%
6) S 2-Fluorobiphenyl (SURR)	8.260	4828675	51.021 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.04%
11) S ortho-Terphenyl (SURR)	11.300	6207710	37.101 ug/ml
Spiked Amount 50.000		Recovery =	74.20%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.810	32217	0.186 ug/ml
7) T Acenaphthene (C15.5)	8.358	90515	0.522 ug/ml
8) T Flouorene (C16.55)	9.151	46737	0.288 ug/ml
9) T Phenanthrene (C19.36)	10.529	255510	1.609 ug/ml
10) T Anthracene (C19.43)	10.614	67350	0.427 ug/ml
12) T Fluoranthene (C21.85)	12.331	396201	2.502 ug/ml
13) T Pyrene (C20.8)	12.624	323418	2.045 ug/ml
14) T Benzo[a]anthracene (C...	14.497	141331	1.035 ug/ml
15) T Chrysene (C27.41)	14.538	216770	1.345 ug/ml
16) T benzo[b]fluoranthene ...	16.044	262386	1.823 ug/ml
17) T Bnezo[k]fluoranthene ...	16.077	103255	0.691 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	35416	0.250 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	537485	4.766 ug/ml
20) T Dibenz[a,h]anthracene...	17.852	179348	1.234 ug/ml
21) T Benzo[g,h,i]perylene ...	18.037	130092	0.883 ug/ml

(f)=RT Delta > 1/2 Window

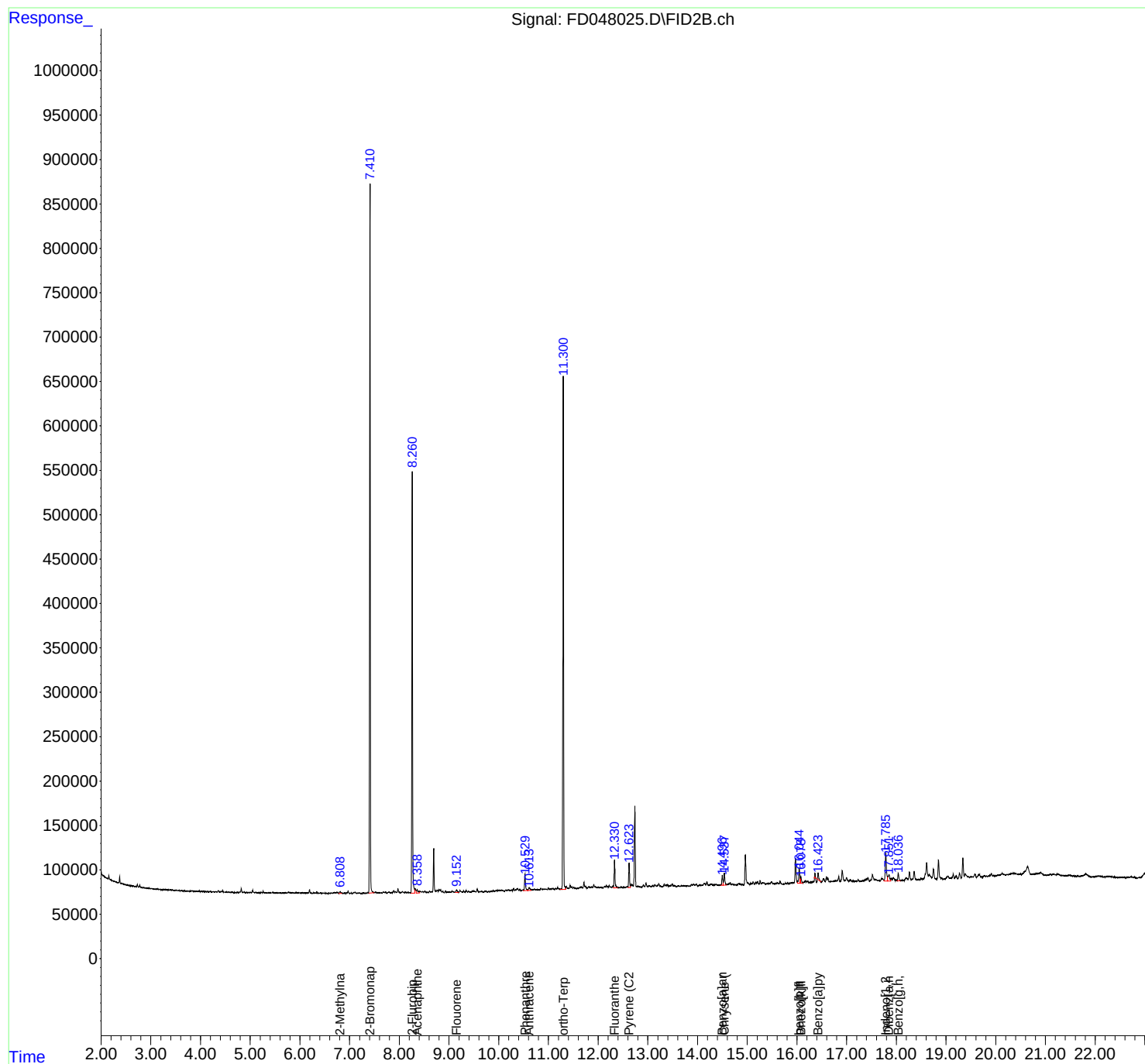
(m)=manual int.

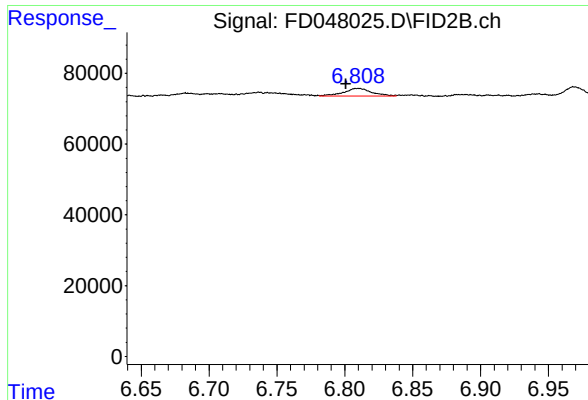
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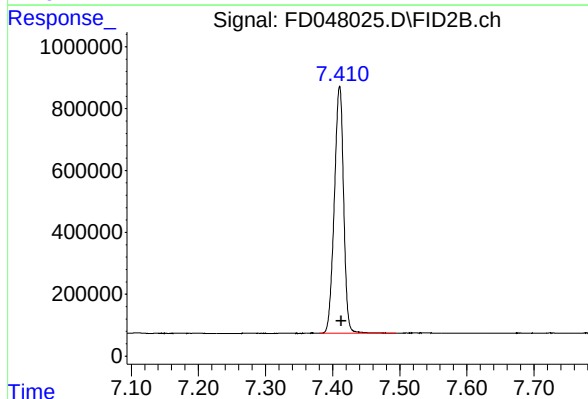




#3 2-Methylnaphthalene (C12.89)

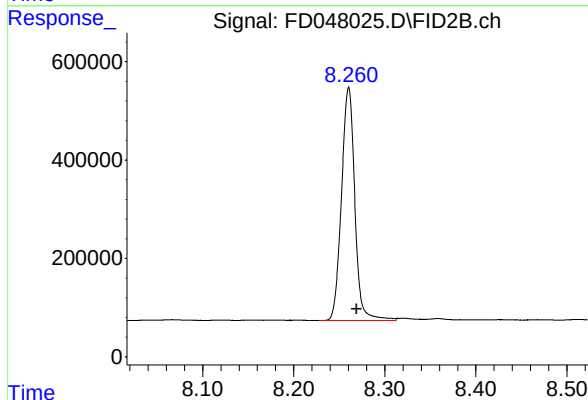
R.T.: 6.810 min
Delta R.T.: 0.009 min
Response: 32217
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



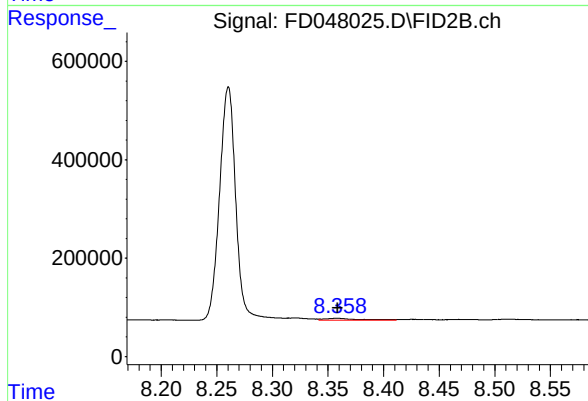
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 7679788
Conc: 51.67 ug/ml



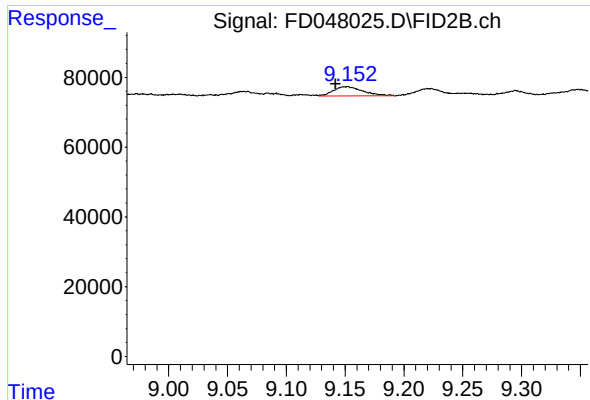
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 4828675
Conc: 51.02 ug/ml



#7 Acenaphthene (C15.5)

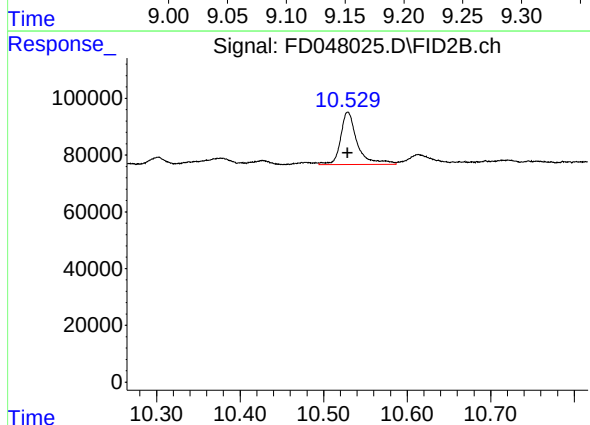
R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 90515
Conc: 0.52 ug/ml



#8 Flouorene (C16.55)

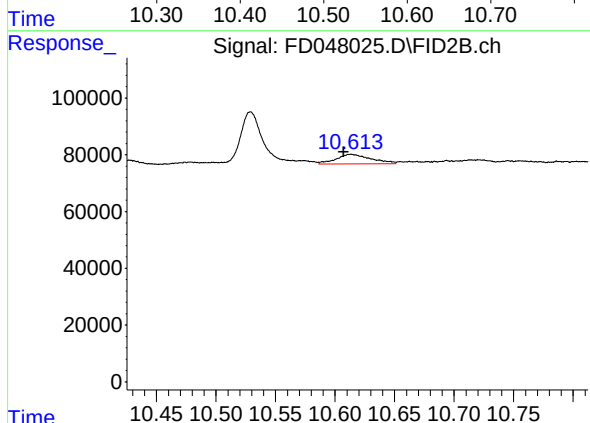
R.T.: 9.151 min
Delta R.T.: 0.009 min
Response: 46737
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



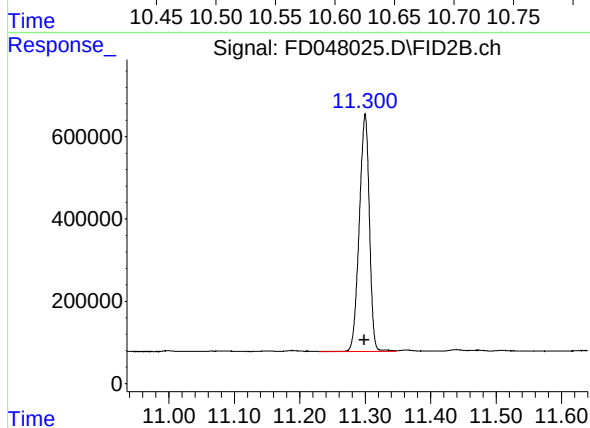
#9 Phenanthrene (C19.36)

R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 255510
Conc: 1.61 ug/ml



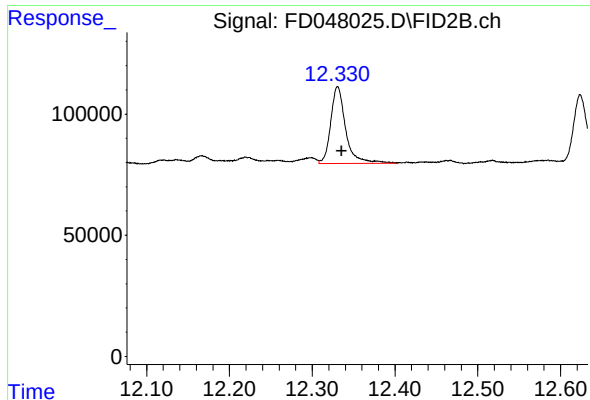
#10 Anthracene (C19.43)

R.T.: 10.614 min
Delta R.T.: 0.007 min
Response: 67350
Conc: 0.43 ug/ml



#11 ortho-Terphenyl (SURR)

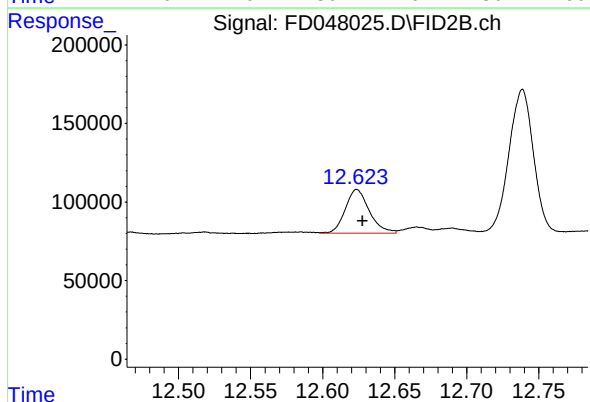
R.T.: 11.300 min
Delta R.T.: 0.001 min
Response: 6207710
Conc: 37.10 ug/ml



#12 Fluoranthene (C21.85)

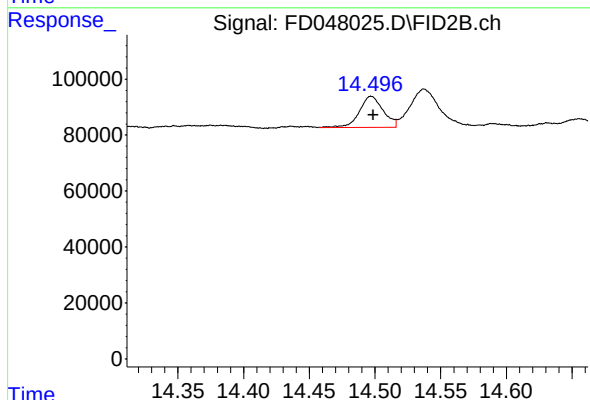
R.T.: 12.331 min
Delta R.T.: -0.005 min
Response: 396201
Conc: 2.50 ug/ml

Instrument :
FID_D
ClientSampleId :



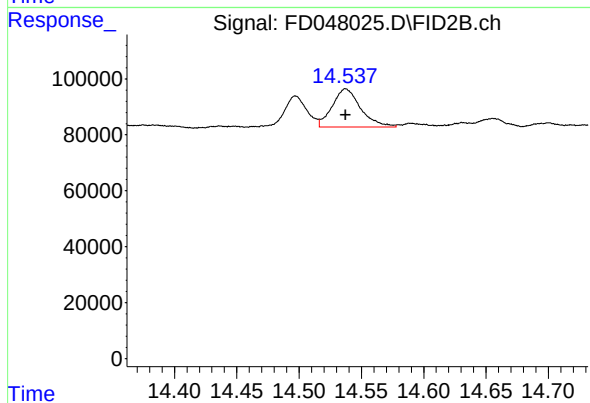
#13 Pyrene (C20.8)

R.T.: 12.624 min
Delta R.T.: -0.004 min
Response: 323418
Conc: 2.05 ug/ml



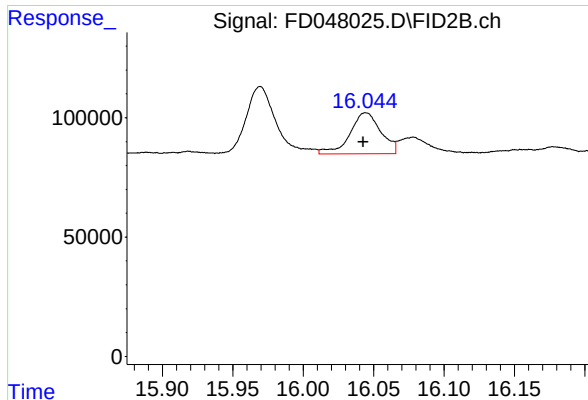
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.497 min
Delta R.T.: -0.002 min
Response: 141331
Conc: 1.04 ug/ml



#15 Chrysene (C27.41)

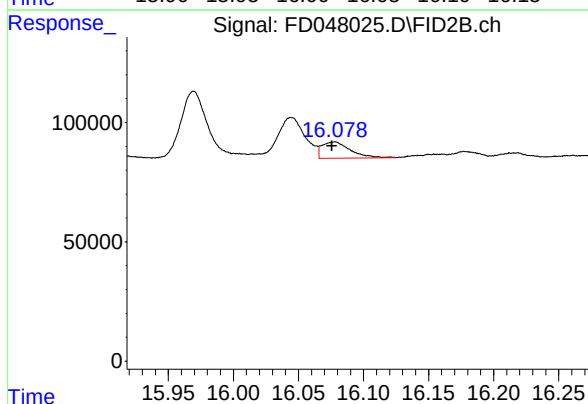
R.T.: 14.538 min
Delta R.T.: 0.000 min
Response: 216770
Conc: 1.34 ug/ml



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

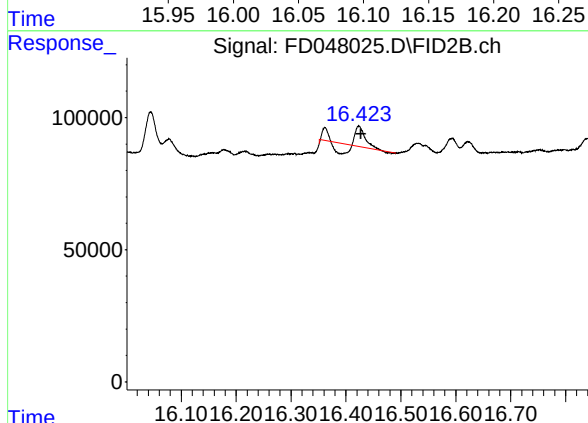
R.T.: 16.044 min
Delta R.T.: 0.002 min
Response: 262386
Conc: 1.82 ug/ml

Instrument :
FID_D
ClientSampleId :



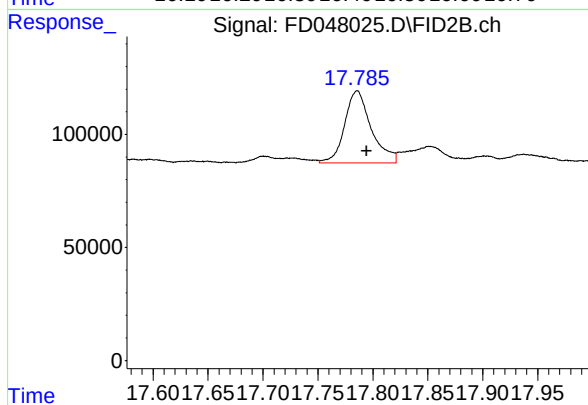
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.077 min
Delta R.T.: 0.001 min
Response: 103255
Conc: 0.69 ug/ml



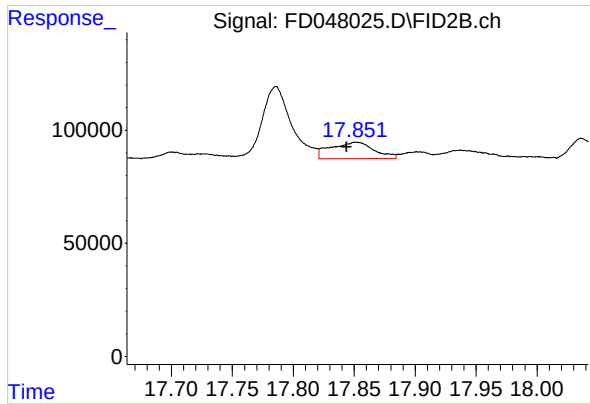
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.004 min
Response: 35416
Conc: 0.25 ug/ml



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

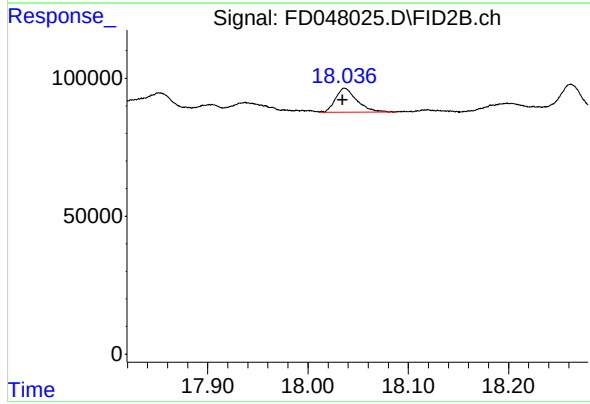
R.T.: 17.786 min
Delta R.T.: -0.009 min
Response: 537485
Conc: 4.77 ug/ml



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

R.T.: 17.852 min
Delta R.T.: 0.008 min
Response: 179348
Conc: 1.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.037 min
Delta R.T.: 0.002 min
Response: 130092
Conc: 0.88 ug/ml