

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048239.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 19:39
 Operator : YP/AJ
 Sample : P3732-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 02:59:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.394	6603203	44.239 ug/ml
Spiked Amount 50.000		Recovery =	88.48%
6) S 2-Fluorobiphenyl (SURR)	8.244	4151341	43.371 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.74%
11) S ortho-Terphenyl (SURR)	11.280	5184545	30.779 ug/ml
Spiked Amount 50.000		Recovery =	61.56%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.795	46962	0.270 ug/ml
5) T Acenaphthylene (C15.06)	8.057	70086	0.407 ug/ml
7) T Acenaphthene (C15.5)	8.342	41928	0.242 ug/ml
8) T Flouorene (C16.55)	9.138	41717	0.253 ug/ml
9) T Phenanthrene (C19.36)	10.514	257089	1.606 ug/ml
10) T Anthracene (C19.43)	10.601	37224	0.237 ug/ml
12) T Fluoranthene (C21.85)	12.311	658609	4.137 ug/ml
13) T Pyrene (C20.8)	12.604	523771	3.337 ug/ml
14) T Benzo[a]anthracene (C...	14.476	206788	1.468 ug/ml
15) T Chrysene (C27.41)	14.515	340283	2.135 ug/ml
16) T benzo[b]fluoranthene ...	16.021	327898	2.209 ug/ml
17) T Bnezo[k]fluoranthene ...	16.054	127292	0.858 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.400	263952	1.792 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.765	243621	1.993 ug/ml
20) T Dibenz[a,h]anthracene...	17.822	81585	0.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.014	164598	1.090 ug/ml

(f)=RT Delta > 1/2 Window

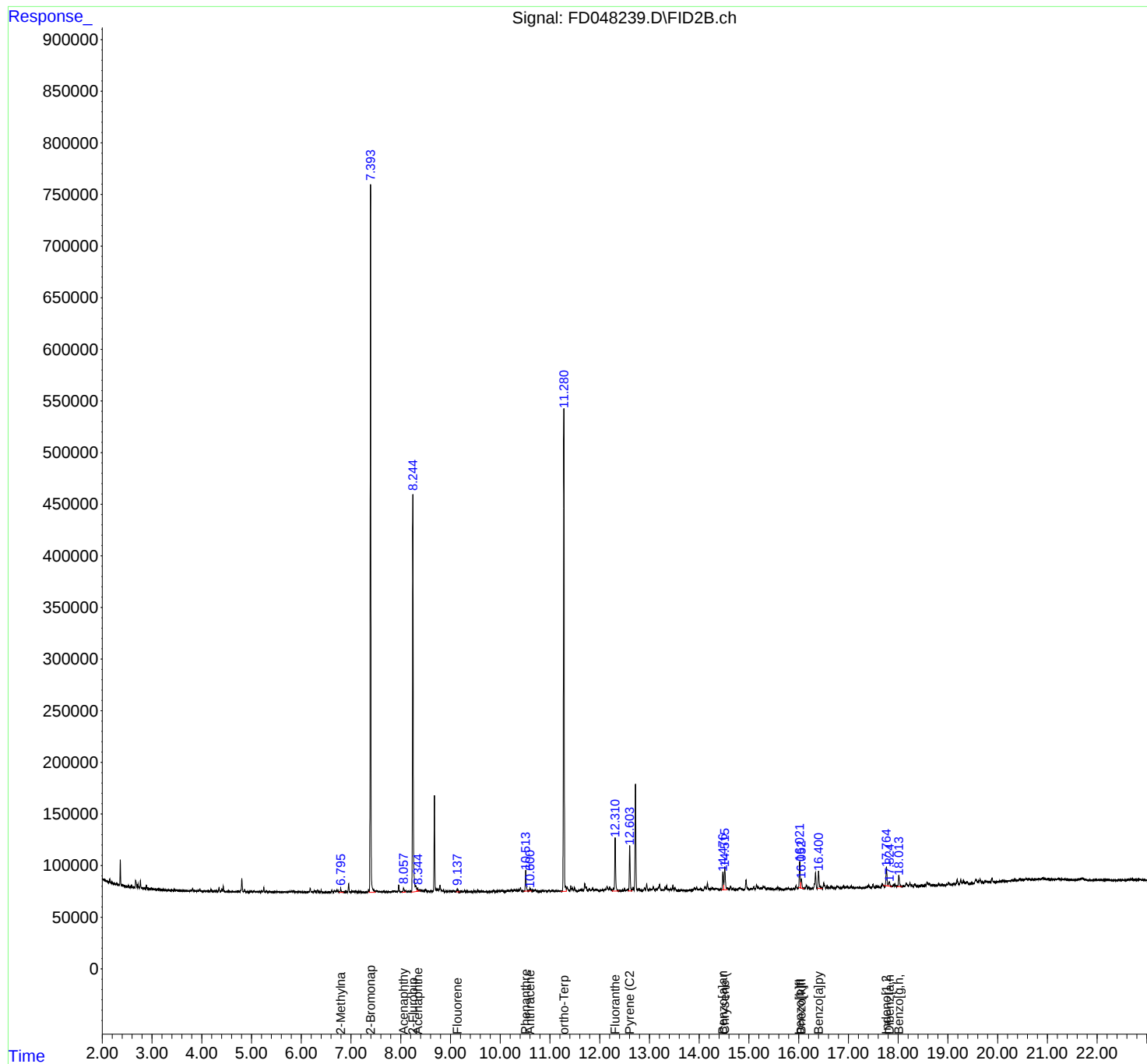
(m)=manual int.

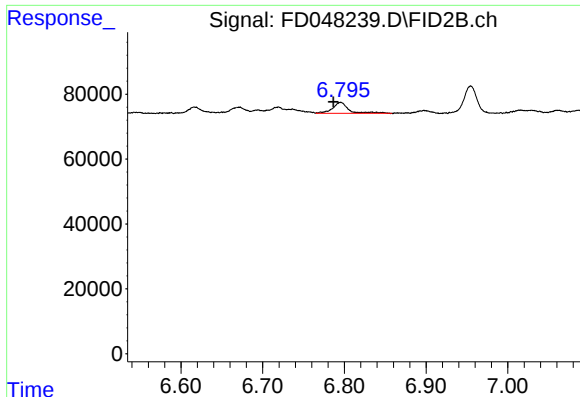
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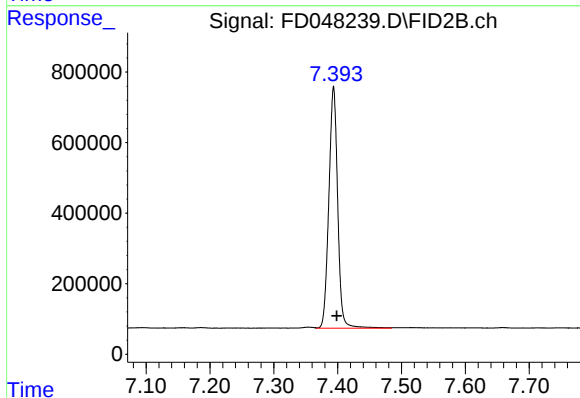




#3 2-Methylnaphthalene (C12.89)

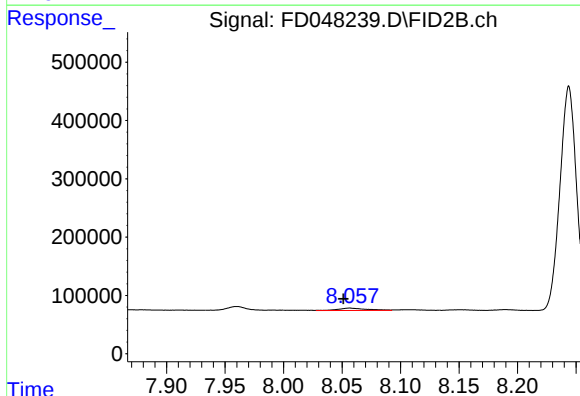
R.T.: 6.795 min
Delta R.T.: 0.009 min
Response: 46962
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



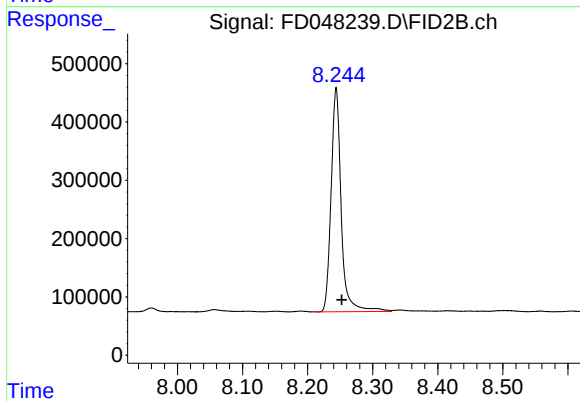
#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: -0.005 min
Response: 6603203
Conc: 44.24 ug/ml



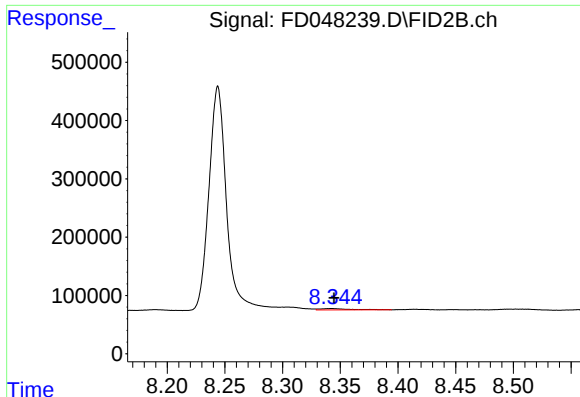
#5 Acenaphthylene (C15.06)

R.T.: 8.057 min
Delta R.T.: 0.006 min
Response: 70086
Conc: 0.41 ug/ml



#6 2-Fluorobiphenyl (SURR)

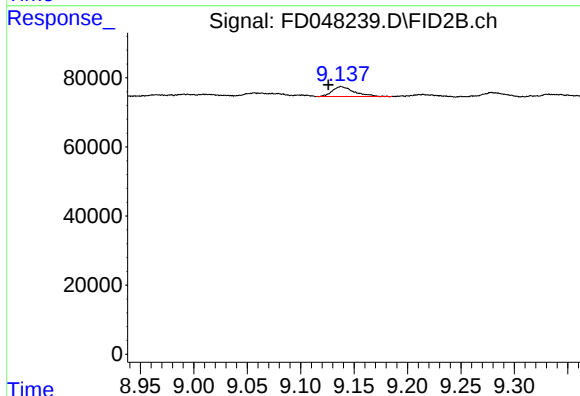
R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 4151341
Conc: 43.37 ug/ml



#7 Acenaphthene (C15.5)

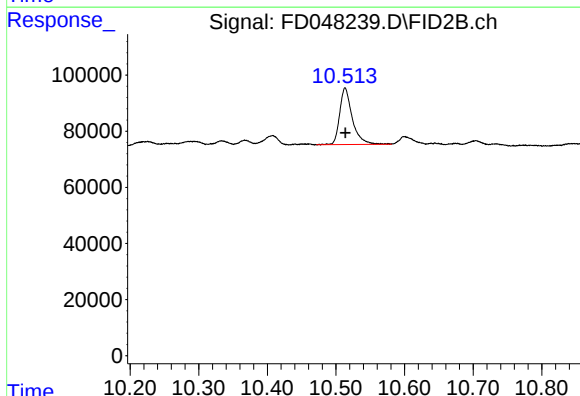
R.T.: 8.342 min
Delta R.T.: -0.003 min
Response: 41928
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



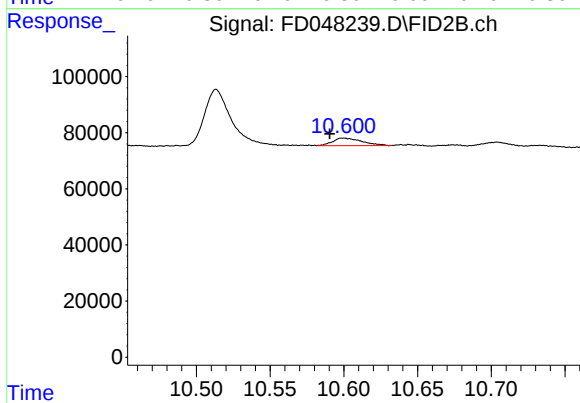
#8 Flouorene (C16.55)

R.T.: 9.138 min
Delta R.T.: 0.012 min
Response: 41717
Conc: 0.25 ug/ml



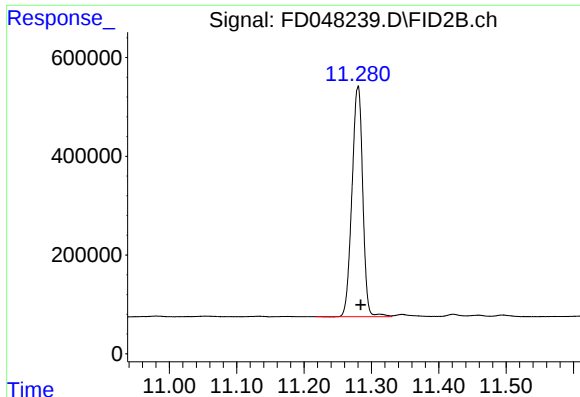
#9 Phenanthrene (C19.36)

R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 257089
Conc: 1.61 ug/ml



#10 Anthracene (C19.43)

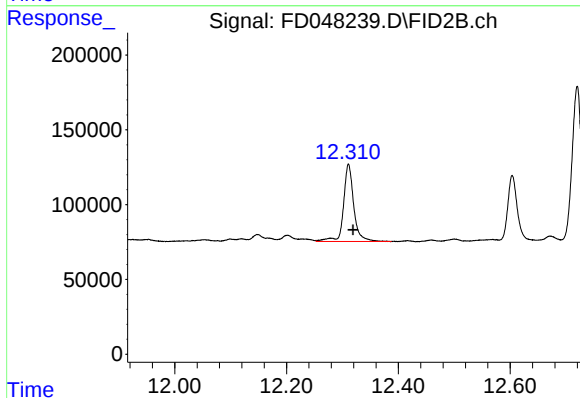
R.T.: 10.601 min
Delta R.T.: 0.010 min
Response: 37224
Conc: 0.24 ug/ml



#11 ortho-Terphenyl (SURR)

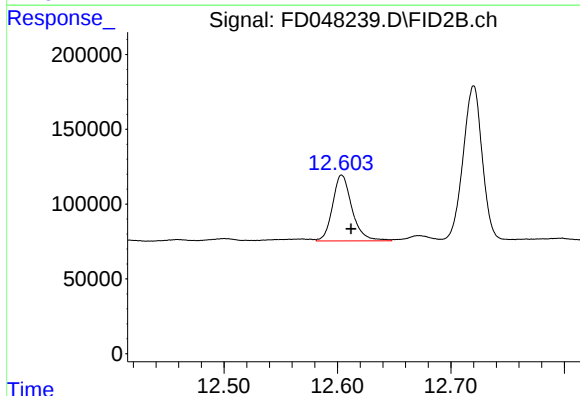
R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 5184545
Conc: 30.78 ug/ml

Instrument :
FID_D
ClientSampleId :



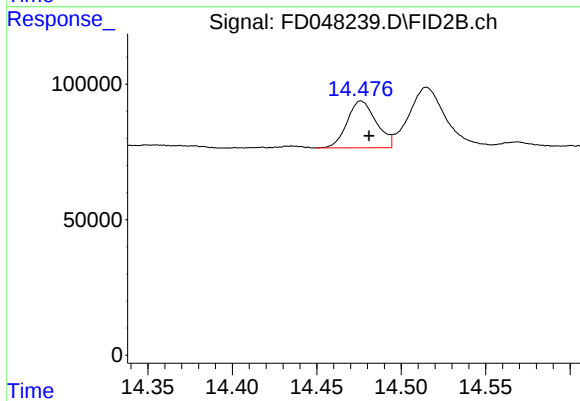
#12 Fluoranthene (C21.85)

R.T.: 12.311 min
Delta R.T.: -0.008 min
Response: 658609
Conc: 4.14 ug/ml



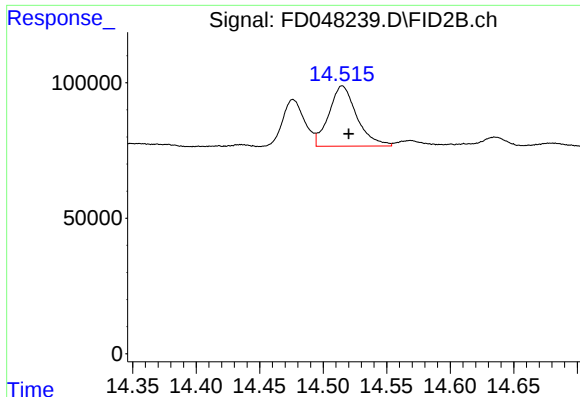
#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: -0.008 min
Response: 523771
Conc: 3.34 ug/ml



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

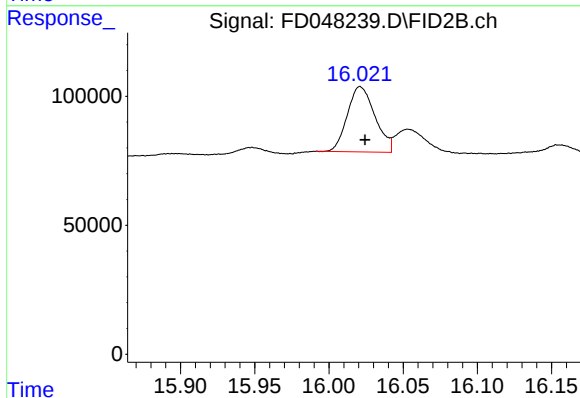
R.T.: 14.476 min
Delta R.T.: -0.005 min
Response: 206788
Conc: 1.47 ug/ml



#15 Chrysene (C27.41)

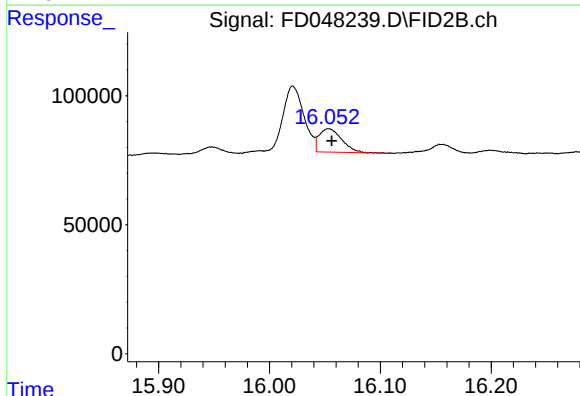
R.T.: 14.515 min
Delta R.T.: -0.005 min
Response: 340283
Conc: 2.13 ug/ml

Instrument :
FID_D
ClientSampleId :



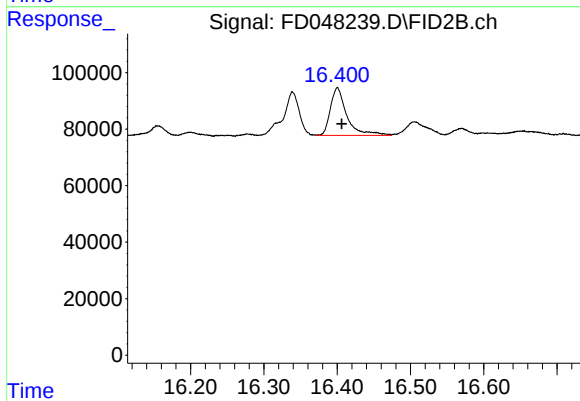
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min
Delta R.T.: -0.003 min
Response: 327898
Conc: 2.21 ug/ml



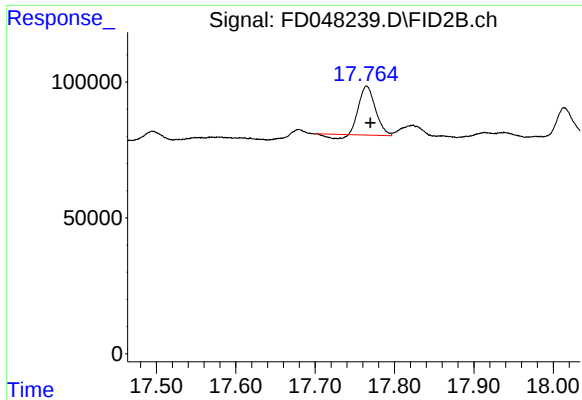
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.054 min
Delta R.T.: -0.003 min
Response: 127292
Conc: 0.86 ug/ml



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

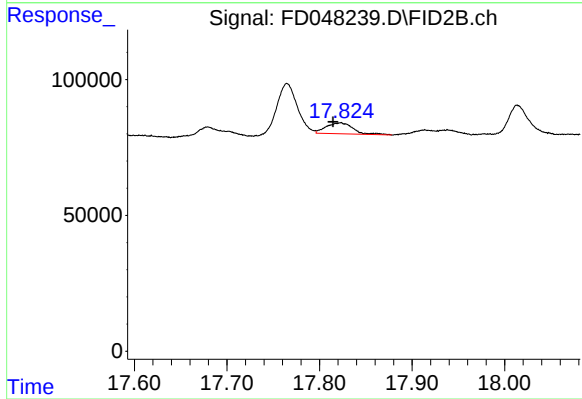
R.T.: 16.400 min
Delta R.T.: -0.006 min
Response: 263952
Conc: 1.79 ug/ml



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

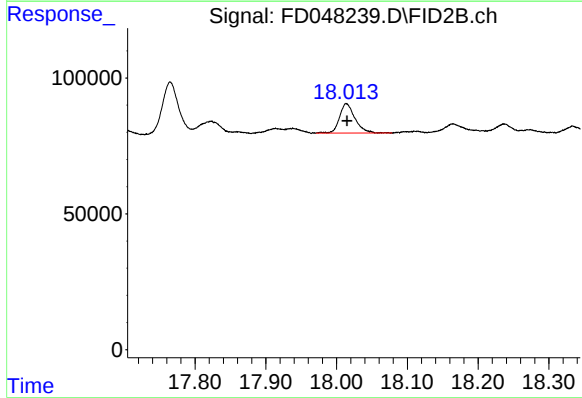
R.T.: 17.765 min
Delta R.T.: -0.005 min
Response: 243621
Conc: 1.99 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.822 min
Delta R.T.: 0.008 min
Response: 81585
Conc: 0.53 ug/ml



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

R.T.: 18.014 min
Delta R.T.: 0.000 min
Response: 164598
Conc: 1.09 ug/ml