

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048840.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 18:38
 Operator : YP/AJ
 Sample : P5147-01D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 03:11:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.367	11179575	63.499 ug/ml
Spiked Amount 50.000		Recovery =	127.00%
6) S 2-Fluorobiphenyl (SURR)	8.217	5260517	45.676 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.35%
11) S ortho-Terphenyl (SURR)	11.252	8530453	44.352 ug/ml
Spiked Amount 50.000		Recovery =	88.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	150371	0.798 ug/ml
2) T Naphthalene (C11.7)	5.703	438152	2.240 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	4031145	21.094 ug/ml
7) T Acenaphthene (C15.5)	8.306	897841	4.668 ug/ml
8) T Flouorene (C16.55)	9.089	1264861	6.593 ug/ml
9) T Phenanthrene (C19.36)	10.478	1593825	8.695 ug/ml
10) T Anthracene (C19.43)	10.555	1209348	6.458 ug/ml
12) T Fluoranthene (C21.85)	12.284	990172	5.407 ug/ml
13) T Pyrene (C20.8)	12.577	775126	4.287 ug/ml
14) T Benzo[a]anthracene (C...	14.491	123322	0.750 ug/ml
15) T Chrysene (C27.41)	14.491	123322	0.705 ug/ml
16) T benzo[b]fluoranthene ...	16.003	128046	0.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	128046	0.785 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	113203	0.916 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	113203	0.722 ug/ml

(f)=RT Delta > 1/2 Window

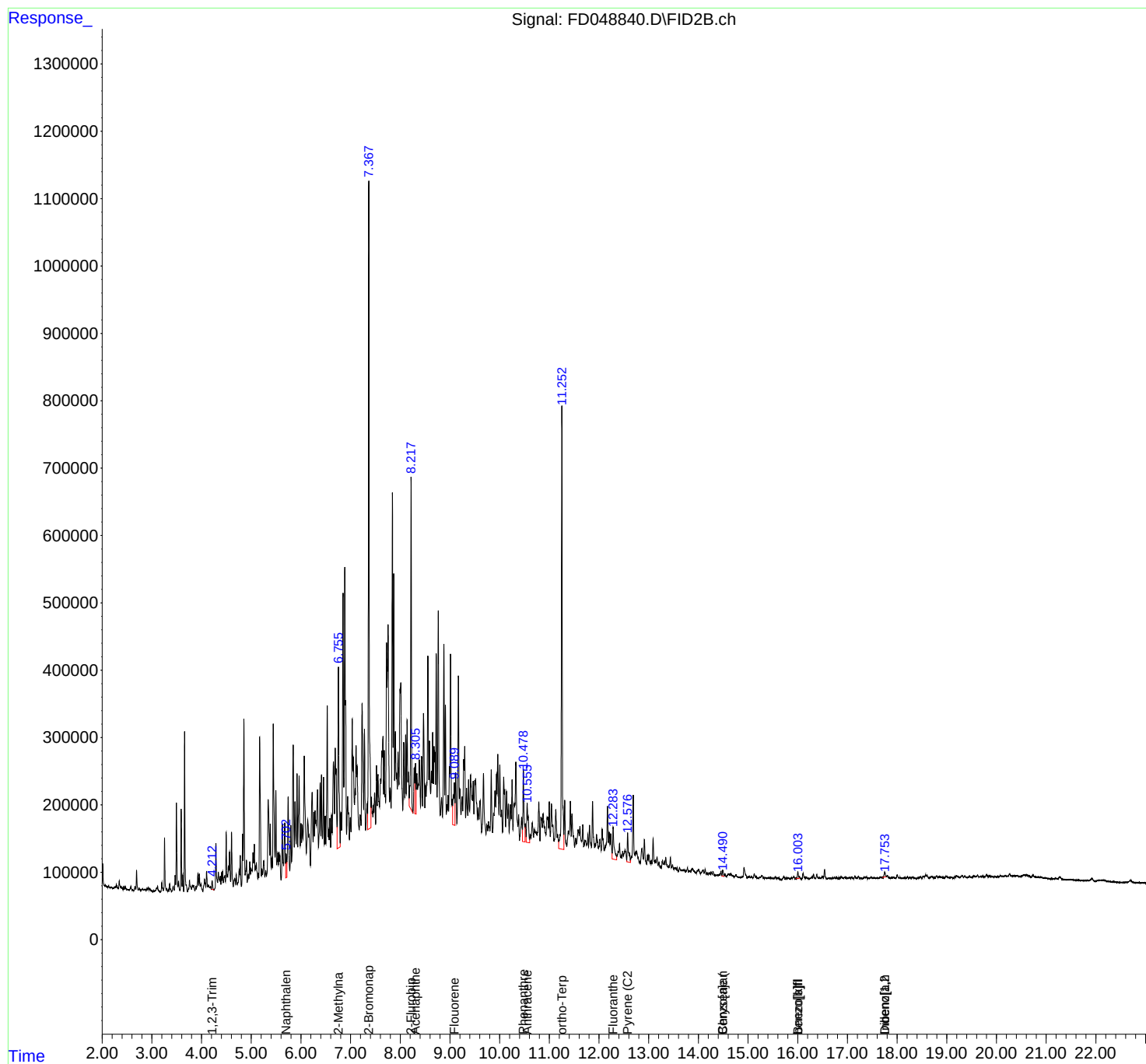
(m)=manual int.

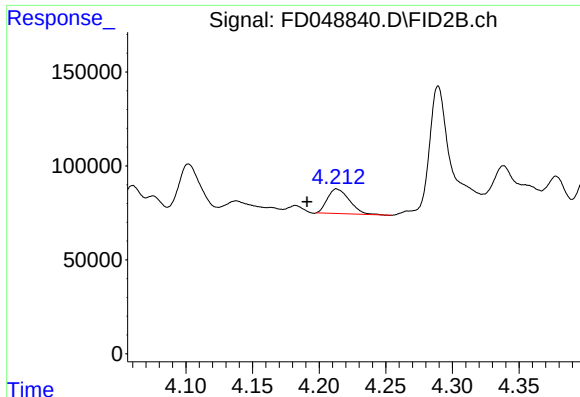
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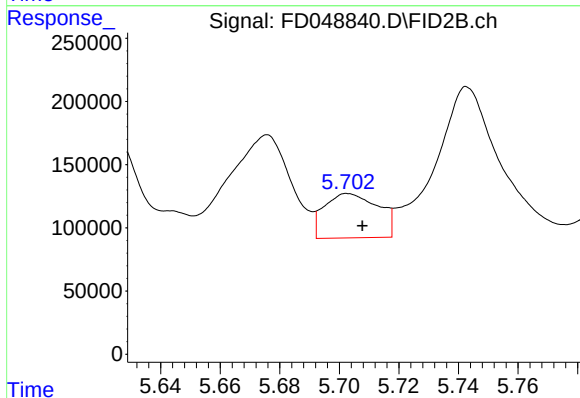




#1 1,2,3-Trimethylbenzene (C10.1)

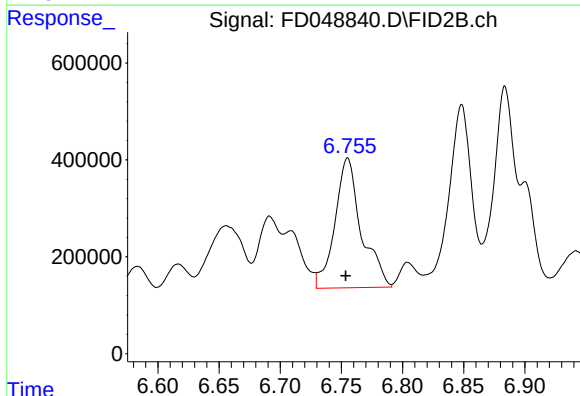
R.T.: 4.214 min
Delta R.T.: 0.023 min
Response: 150371
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :



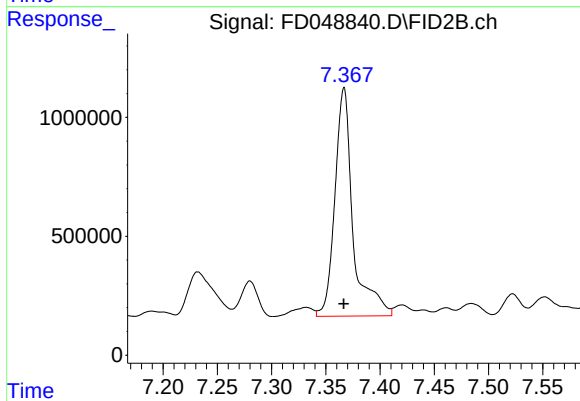
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 438152
Conc: 2.24 ug/ml



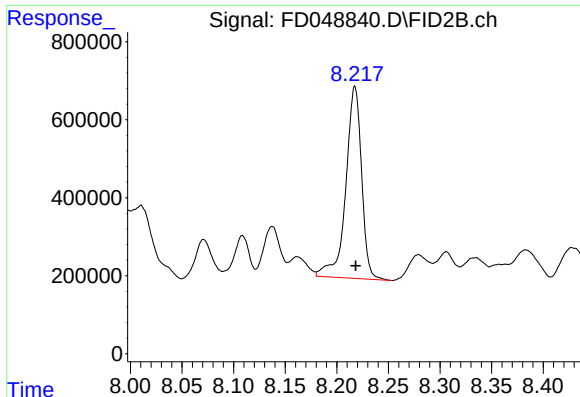
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 4031145
Conc: 21.09 ug/ml



#4 2-Bromonaphthalene (SURR)

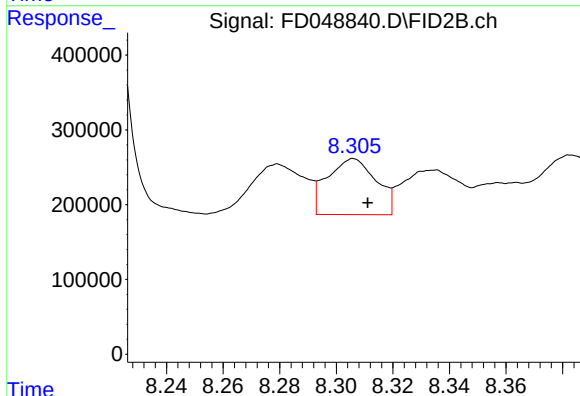
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 11179575
Conc: 63.50 ug/ml



#6 2-Fluorobiphenyl (SURR)

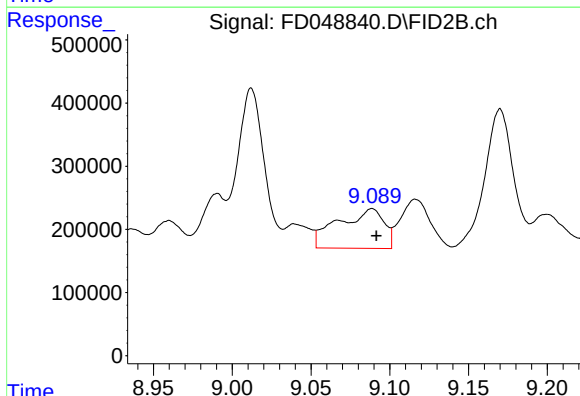
R.T.: 8.217 min
Delta R.T.: 0.000 min
Response: 5260517
Conc: 45.68 ug/ml

Instrument :
FID_D
ClientSampleId :



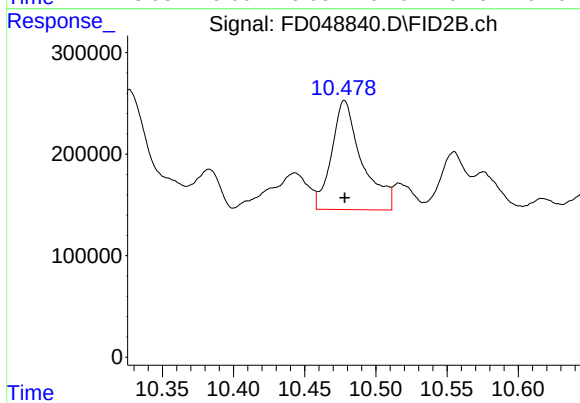
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: -0.005 min
Response: 897841
Conc: 4.67 ug/ml



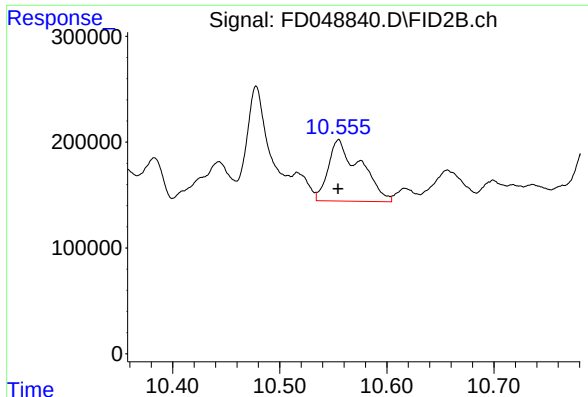
#8 Flouorene (C16.55)

R.T.: 9.089 min
Delta R.T.: -0.003 min
Response: 1264861
Conc: 6.59 ug/ml



#9 Phenanthrene (C19.36)

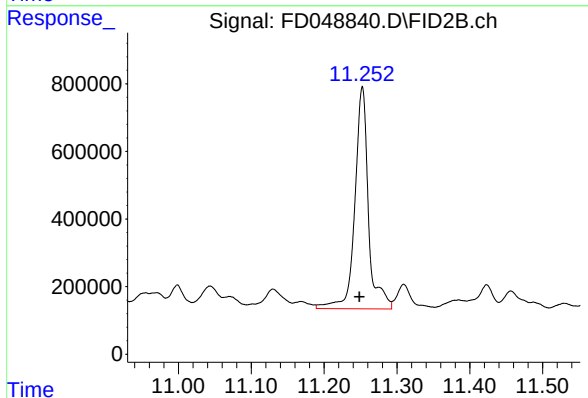
R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 1593825
Conc: 8.70 ug/ml



#10 Anthracene (C19.43)

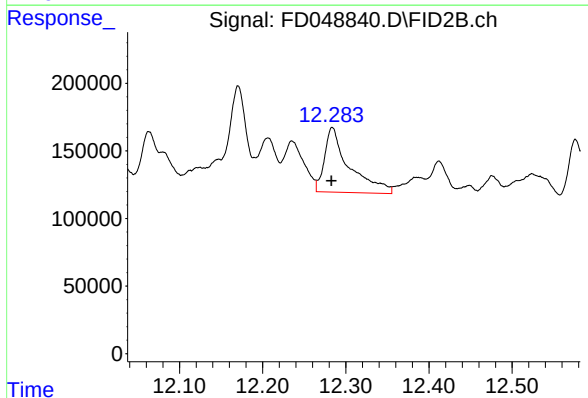
R.T.: 10.555 min
Delta R.T.: 0.000 min
Response: 1209348
Conc: 6.46 ug/ml

Instrument :
FID_D
ClientSampleId :



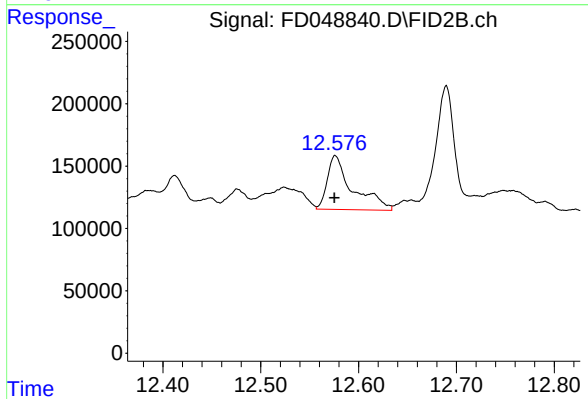
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: 0.004 min
Response: 8530453
Conc: 44.35 ug/ml



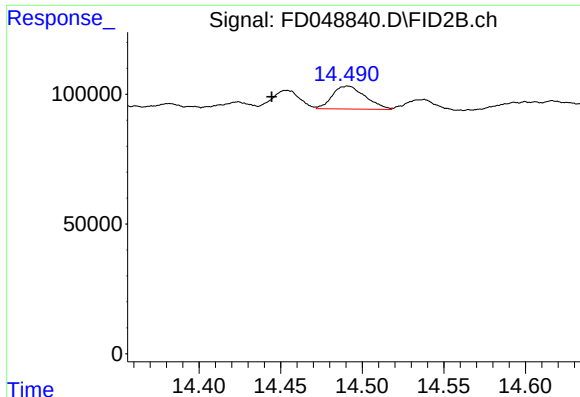
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: 0.002 min
Response: 990172
Conc: 5.41 ug/ml



#13 Pyrene (C20.8)

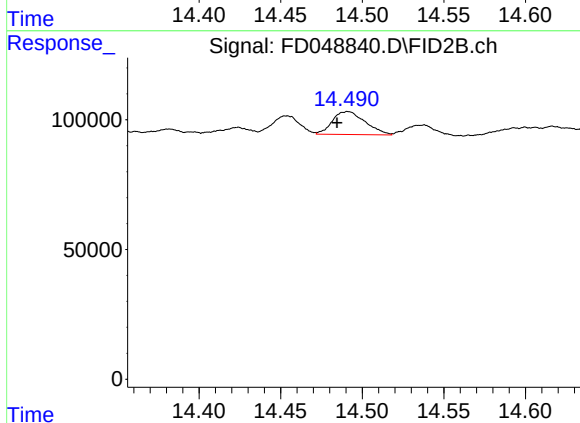
R.T.: 12.577 min
Delta R.T.: 0.001 min
Response: 775126
Conc: 4.29 ug/ml



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

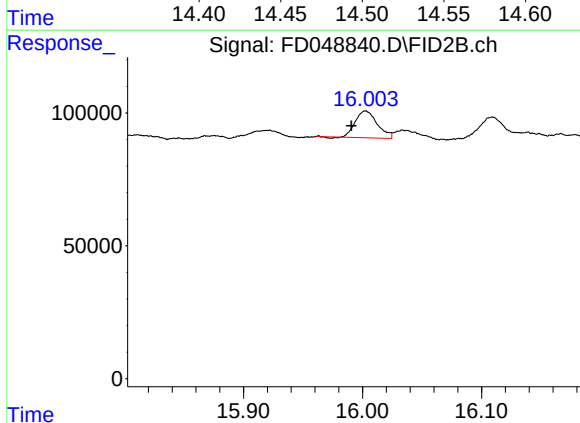
R.T.: 14.491 min
Delta R.T.: 0.046 min
Response: 123322
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



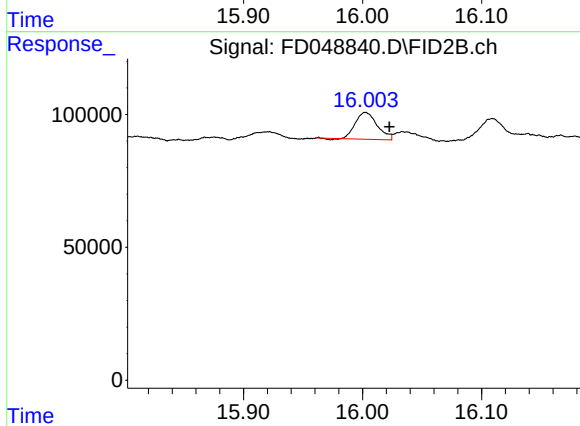
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: 0.006 min
Response: 123322
Conc: 0.70 ug/ml



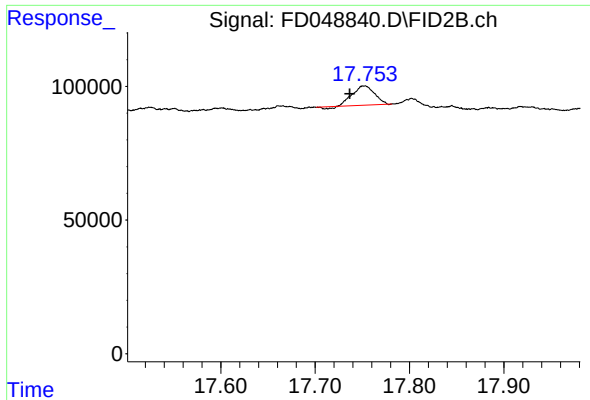
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min
Delta R.T.: 0.012 min
Response: 128046
Conc: 0.81 ug/ml



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

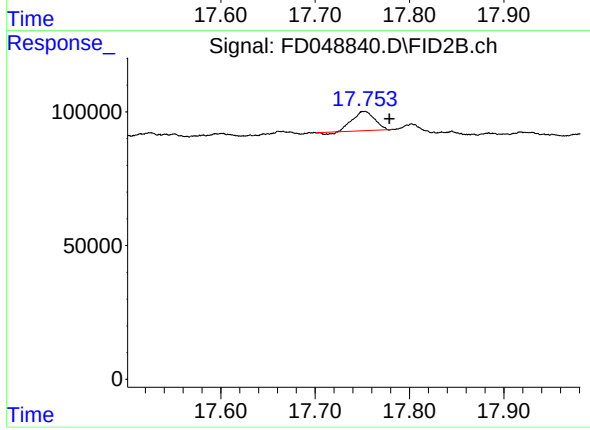
R.T.: 16.003 min
Delta R.T.: -0.020 min
Response: 128046
Conc: 0.78 ug/ml



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

R.T.: 17.752 min
Delta R.T.: 0.015 min
Response: 113203
Conc: 0.92 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.752 min
Delta R.T.: -0.026 min
Response: 113203
Conc: 0.72 ug/ml