

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111224AR\
 Data File : FD048711.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2024 11:15
 Operator : YP/AJ
 Sample : P4792-04DL2 20X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:22:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.376	378141	2.491 ug/ml
Spiked Amount 50.000		Recovery =	4.98%
6) S 2-Fluorobiphenyl (SURR)	8.231	237758	2.421 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	4.84%
11) S ortho-Terphenyl (SURR)	11.260	1457179	8.555 ug/ml
Spiked Amount 50.000		Recovery =	17.11%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.023	58943	0.336 ug/ml
7) T Acenaphthene (C15.5)	8.364	2110250	11.898 ug/ml
8) T Flouorene (C16.55)	9.119	342030	2.023 ug/ml
9) T Phenanthrene (C19.36)	10.498	888723	5.376 ug/ml
10) T Anthracene (C19.43)	10.563	338078	2.114 ug/ml
12) T Fluoranthene (C21.85)	12.250	1054068	6.405 ug/ml
13) T Pyrene (C20.8)	12.579	546349	3.392 ug/ml
14) T Benzo[a]anthracene (C...	14.446	316189	2.162 ug/ml
15) T Chrysene (C27.41)	14.498	572427	3.480 ug/ml
16) T benzo[b]fluoranthene ...	16.015	125461	0.825 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	125461	0.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.418	214481	1.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	59039	0.452 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	113084	0.695 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	96899	0.633 ug/ml

(f)=RT Delta > 1/2 Window

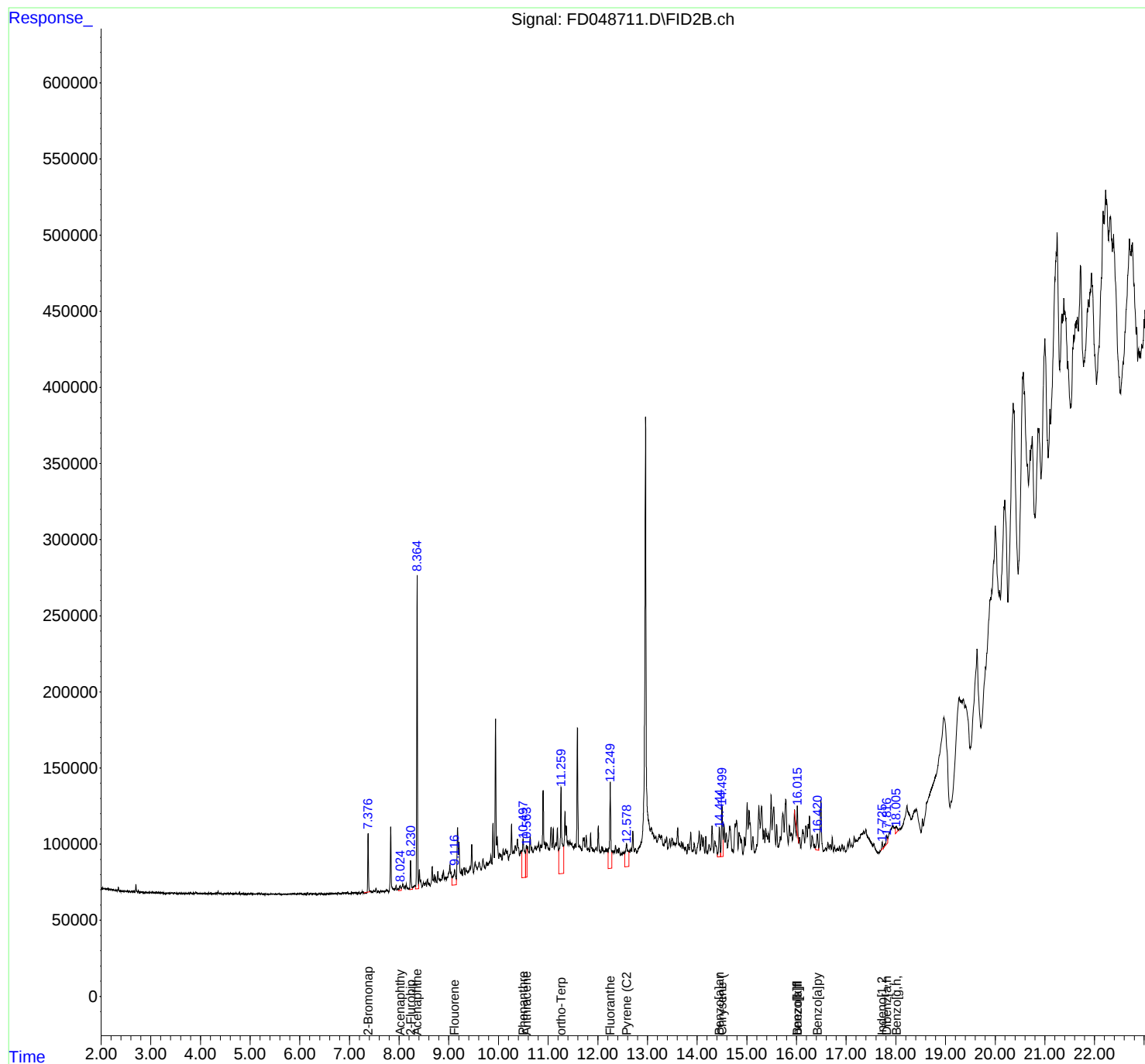
(m)=manual int.

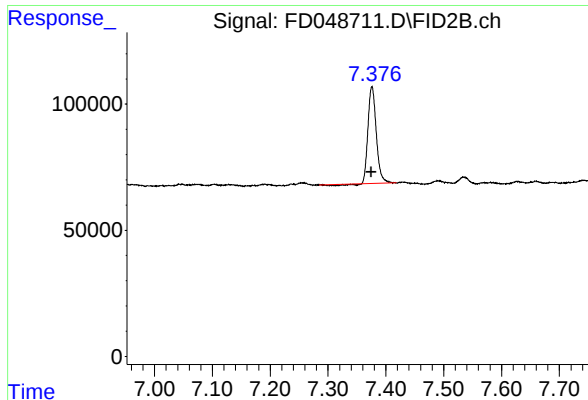
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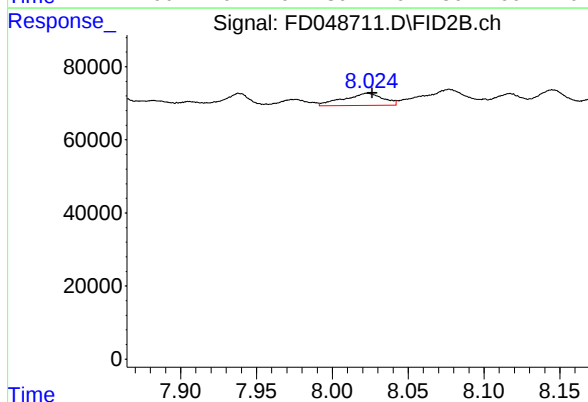




#4 2-Bromonaphthalene (SURR)

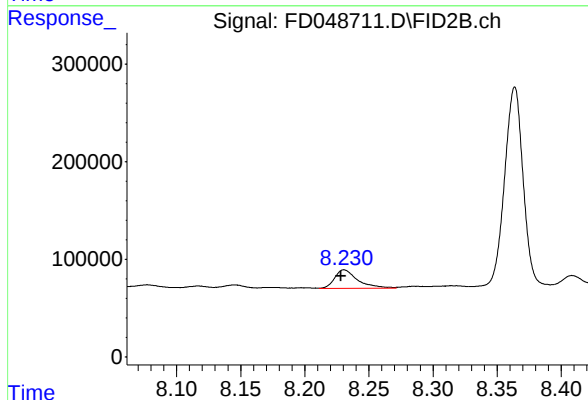
R.T.: 7.376 min
Delta R.T.: 0.001 min
Response: 378141
Conc: 2.49 ug/ml

Instrument :
FID_D
ClientSampleId :



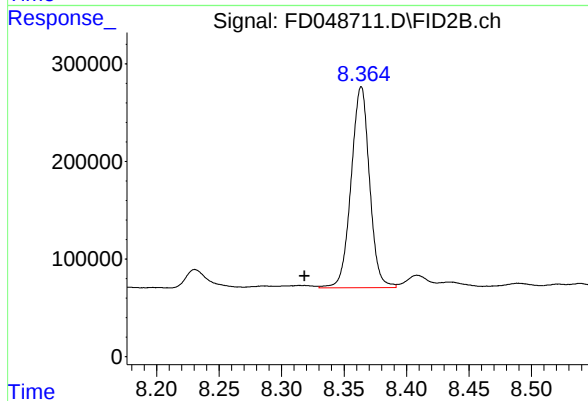
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 58943
Conc: 0.34 ug/ml



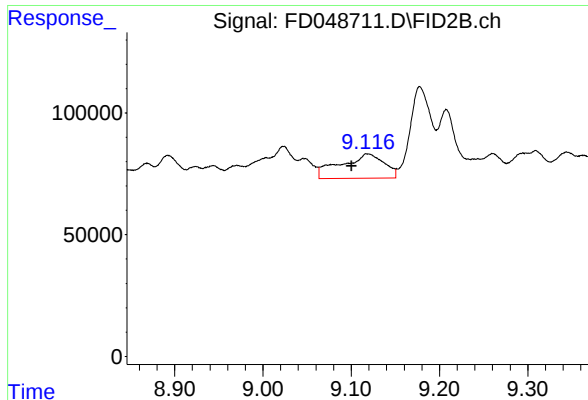
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: 0.003 min
Response: 237758
Conc: 2.42 ug/ml



#7 Acenaphthene (C15.5)

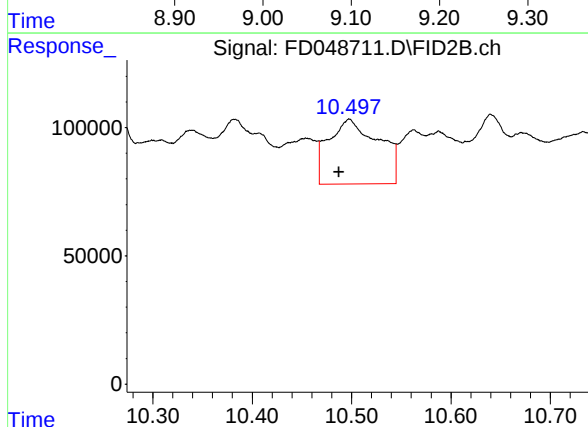
R.T.: 8.364 min
Delta R.T.: 0.045 min
Response: 2110250
Conc: 11.90 ug/ml



#8 Flouorene (C16.55)

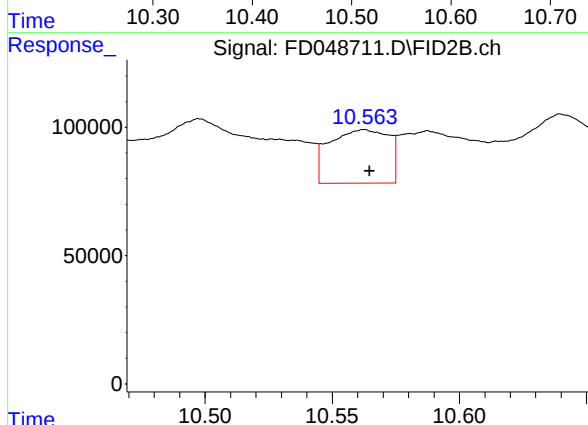
R.T.: 9.119 min
Delta R.T.: 0.019 min
Response: 342030
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



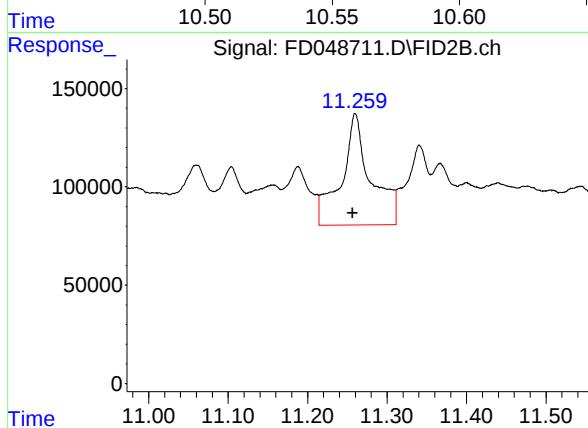
#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: 0.010 min
Response: 888723
Conc: 5.38 ug/ml



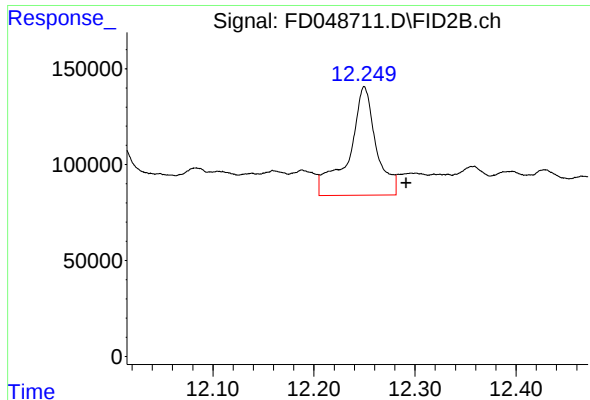
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: -0.002 min
Response: 338078
Conc: 2.11 ug/ml



#11 ortho-Terphenyl (SURR)

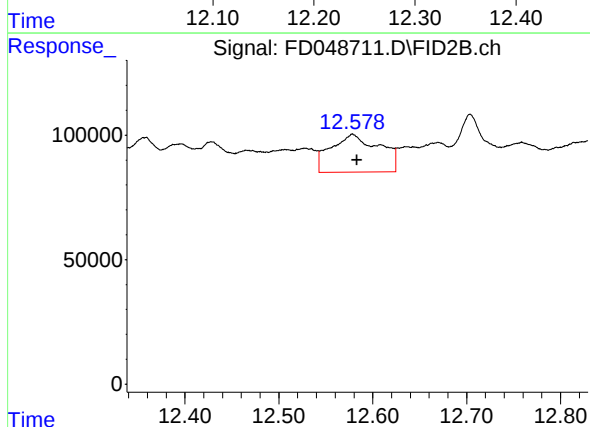
R.T.: 11.260 min
Delta R.T.: 0.003 min
Response: 1457179
Conc: 8.55 ug/ml



#12 Fluoranthene (C21.85)

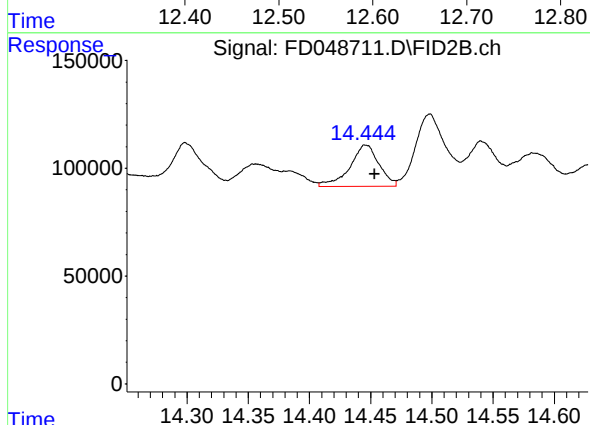
R.T.: 12.250 min
Delta R.T.: -0.041 min
Response: 1054068
Conc: 6.40 ug/ml

Instrument :
FID_D
ClientSampleId :



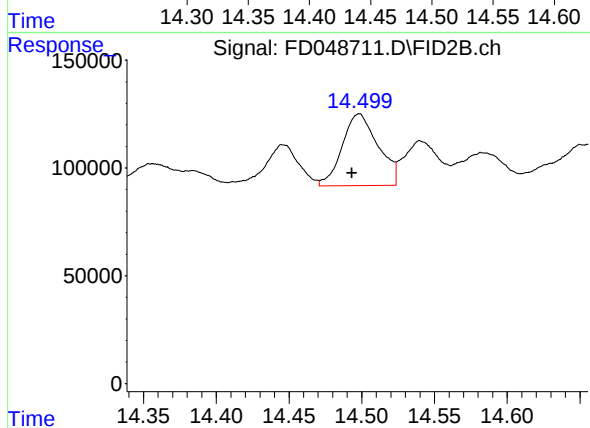
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: -0.005 min
Response: 546349
Conc: 3.39 ug/ml



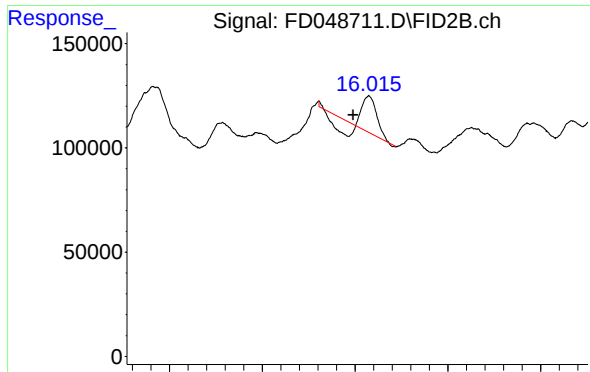
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: -0.007 min
Response: 316189
Conc: 2.16 ug/ml



#15 Chrysene (C27.41)

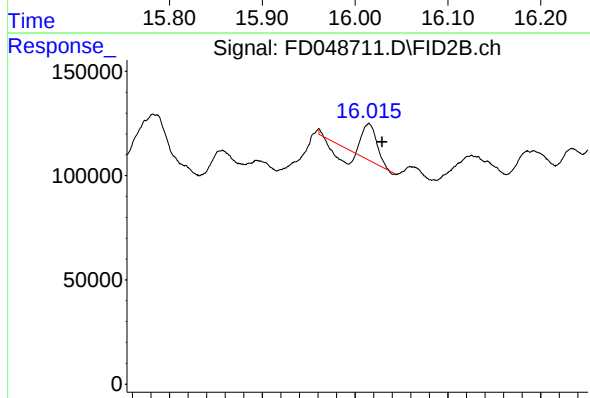
R.T.: 14.498 min
Delta R.T.: 0.005 min
Response: 572427
Conc: 3.48 ug/ml



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

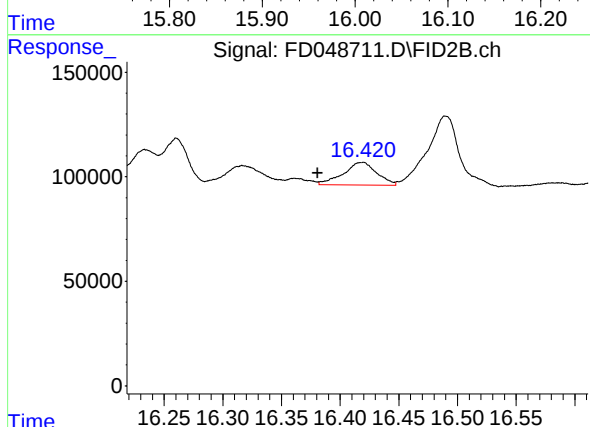
R.T.: 16.015 min
Delta R.T.: 0.017 min
Response: 125461
Conc: 0.83 ug/ml

Instrument :
FID_D
ClientSampleId :



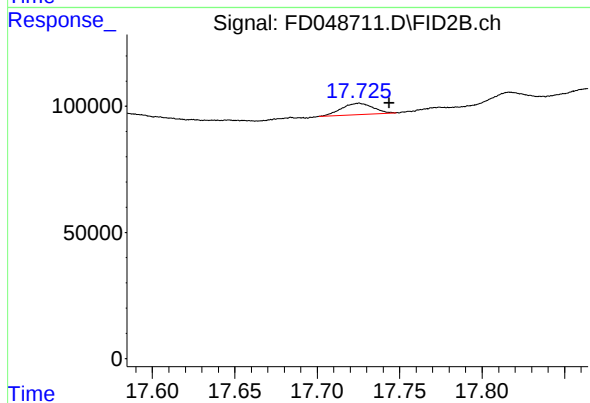
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.015 min
Delta R.T.: -0.015 min
Response: 125461
Conc: 0.83 ug/ml



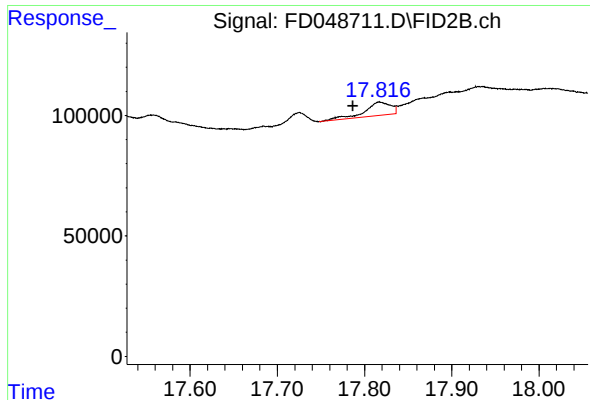
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.418 min
Delta R.T.: 0.038 min
Response: 214481
Conc: 1.43 ug/ml



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

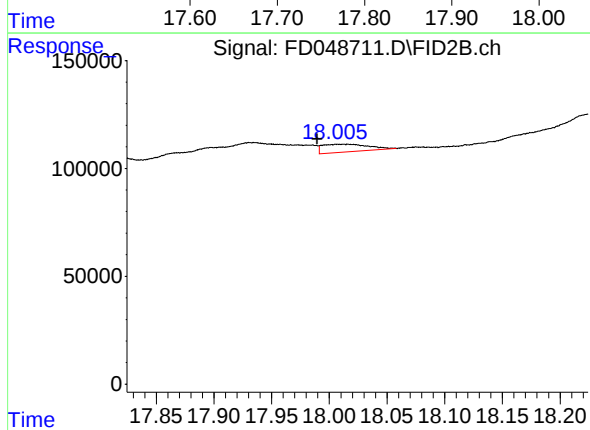
R.T.: 17.725 min
Delta R.T.: -0.019 min
Response: 59039
Conc: 0.45 ug/ml



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

R.T.: 17.818 min
Delta R.T.: 0.031 min
Response: 113084
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.013 min
Delta R.T.: 0.023 min
Response: 96899
Conc: 0.63 ug/ml