

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048016.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2024 21:10
 Operator : YP/AJ
 Sample : P3245-08
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 01:38:10 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	6903363	46.448 ug/ml
Spiked Amount 50.000		Recovery =	92.90%
6) S 2-Fluorobiphenyl (SURR)	8.260	4008524	42.355 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.71%
11) S ortho-Terphenyl (SURR)	11.299	6281349	37.541 ug/ml
Spiked Amount 50.000		Recovery =	75.08%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.811	33276	0.192 ug/ml
7) T Acenaphthene (C15.5)	8.360	67497	0.389 ug/ml
8) T Flouorene (C16.55)	9.155	31418	0.193 ug/ml
9) T Phenanthrene (C19.36)	10.546	72512	0.457 ug/ml
10) T Anthracene (C19.43)	10.546	72512	0.459 ug/ml
12) T Fluoranthene (C21.85)	12.342	145510	0.919 ug/ml
13) T Pyrene (C20.8)	12.635	110457	0.699 ug/ml
14) T Benzo[a]anthracene (C...	14.519	41168	0.302 ug/ml
15) T Chrysene (C27.41)	14.554	100237	0.622 ug/ml
16) T benzo[b]fluoranthene ...	16.065	117031	0.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.065	117031	0.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	90025	0.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.784	225339	1.998 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	62139	0.428 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	42031	0.285 ug/ml

(f)=RT Delta > 1/2 Window

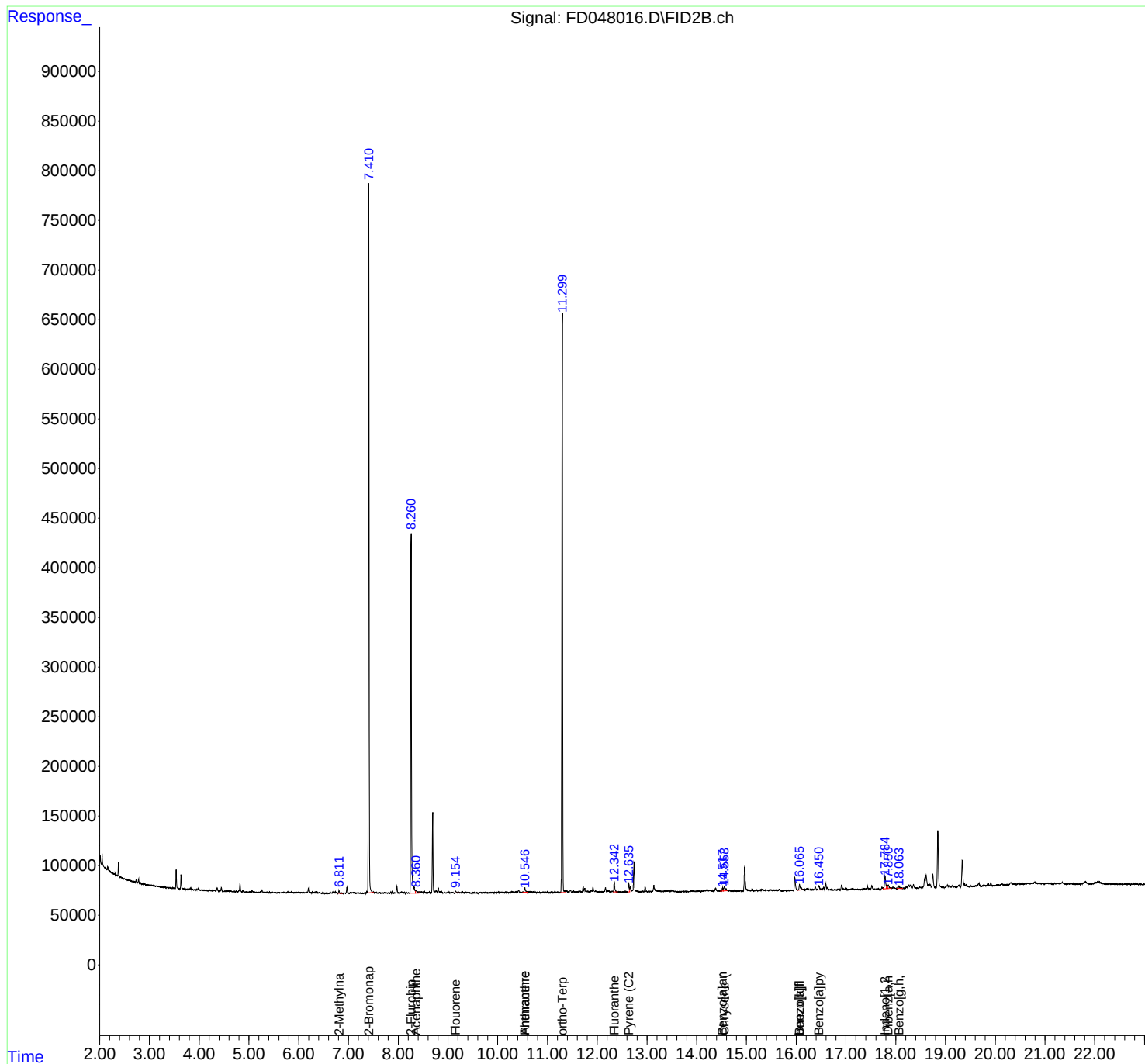
(m)=manual int.

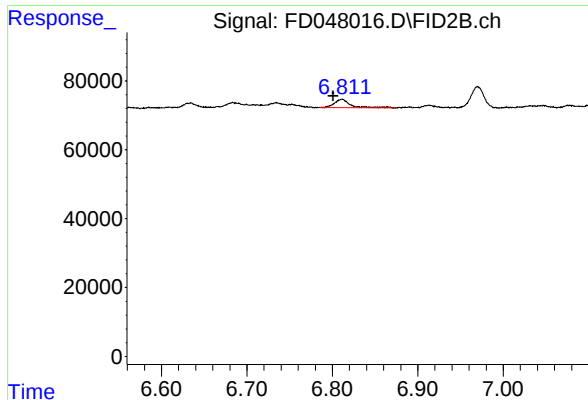
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Signal Info : 20M x 0.18mm x 0.18µm

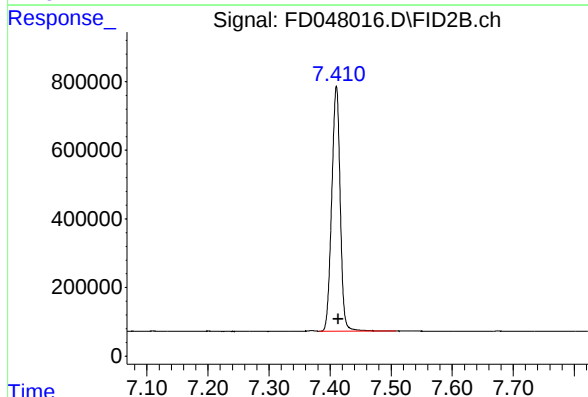




#3 2-Methylnaphthalene (C12.89)

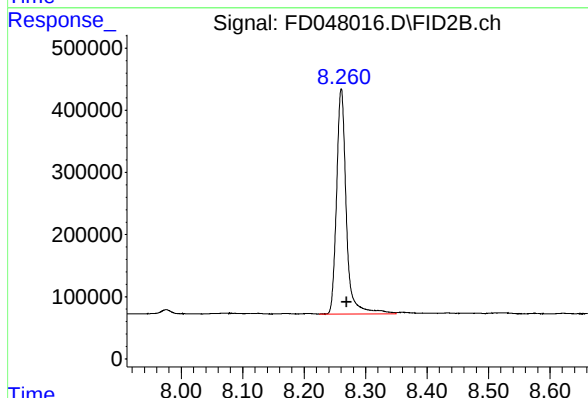
R.T.: 6.811 min
Delta R.T.: 0.010 min
Response: 33276
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



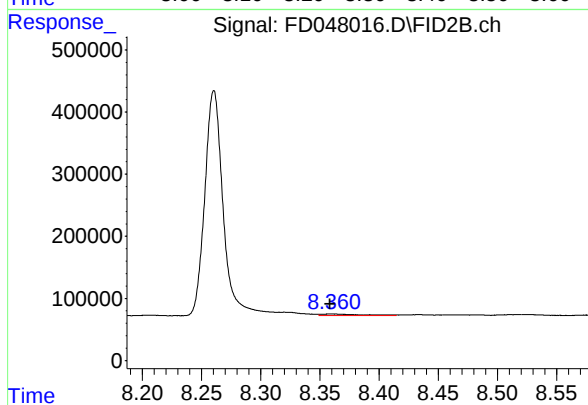
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 6903363
Conc: 46.45 ug/ml



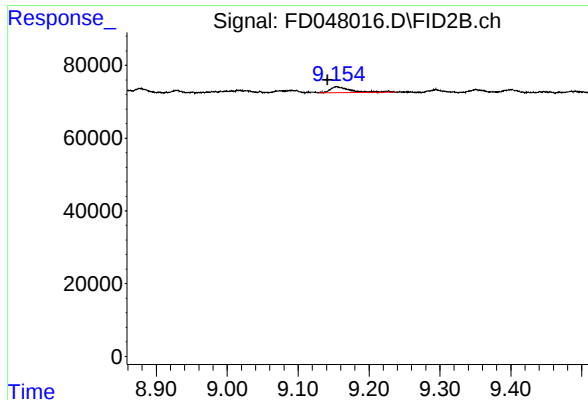
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 4008524
Conc: 42.36 ug/ml



#7 Acenaphthene (C15.5)

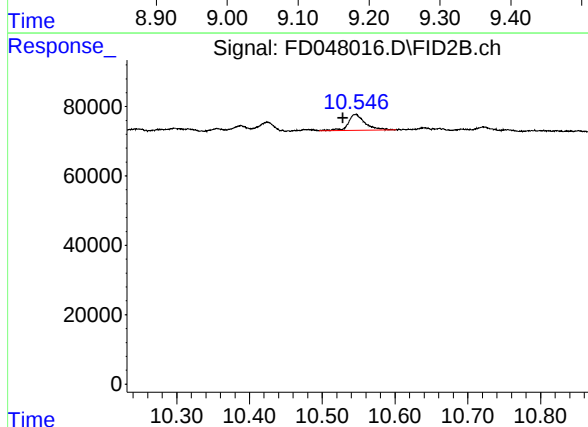
R.T.: 8.360 min
Delta R.T.: 0.002 min
Response: 67497
Conc: 0.39 ug/ml



#8 Flouorene (C16.55)

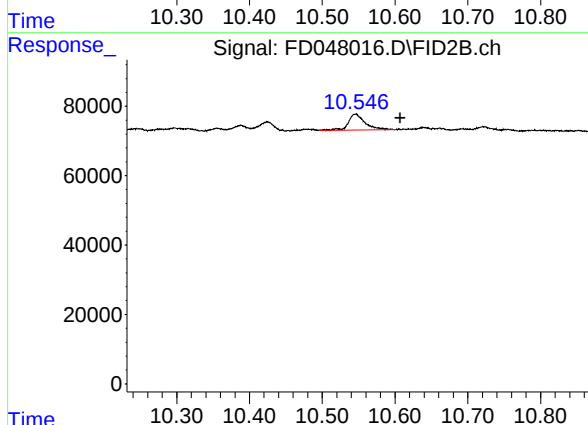
R.T.: 9.155 min
Delta R.T.: 0.013 min
Response: 31418
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



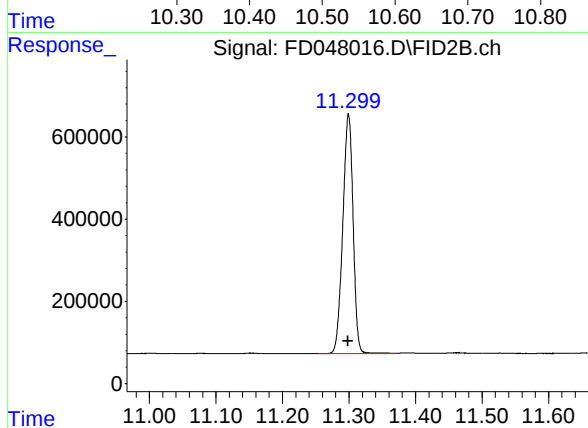
#9 Phenanthrene (C19.36)

R.T.: 10.546 min
Delta R.T.: 0.017 min
Response: 72512
Conc: 0.46 ug/ml



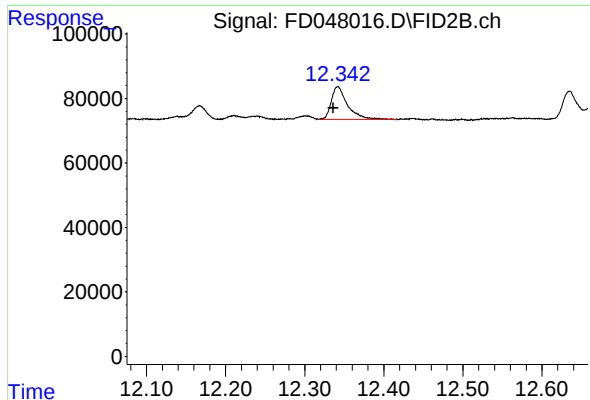
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.061 min
Response: 72512
Conc: 0.46 ug/ml



#11 ortho-Terphenyl (SURR)

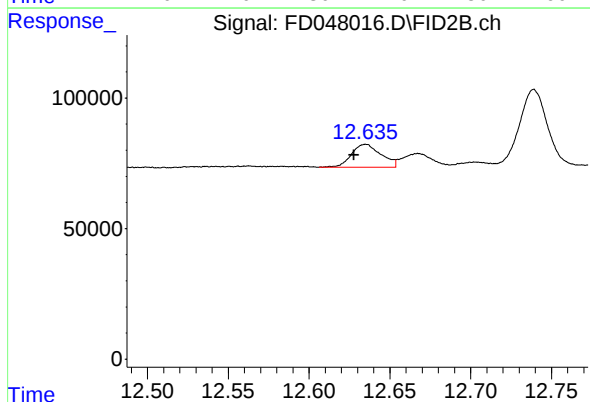
R.T.: 11.299 min
Delta R.T.: 0.000 min
Response: 6281349
Conc: 37.54 ug/ml



#12 Fluoranthene (C21.85)

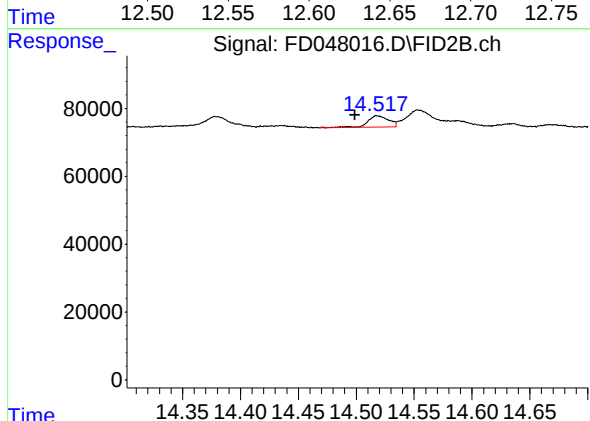
R.T.: 12.342 min
Delta R.T.: 0.006 min
Response: 145510
Conc: 0.92 ug/ml

Instrument :
FID_D
ClientSampleId :



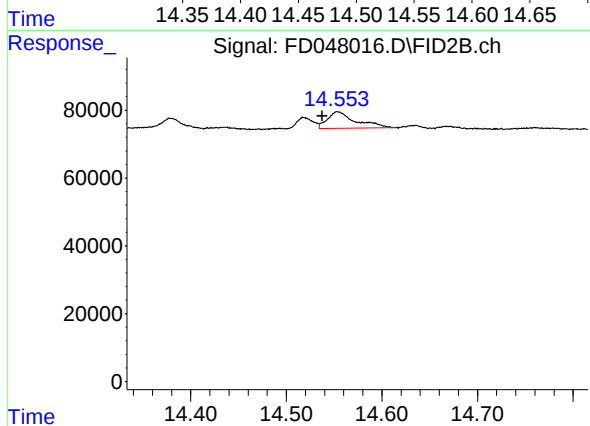
#13 Pyrene (C20.8)

R.T.: 12.635 min
Delta R.T.: 0.007 min
Response: 110457
Conc: 0.70 ug/ml



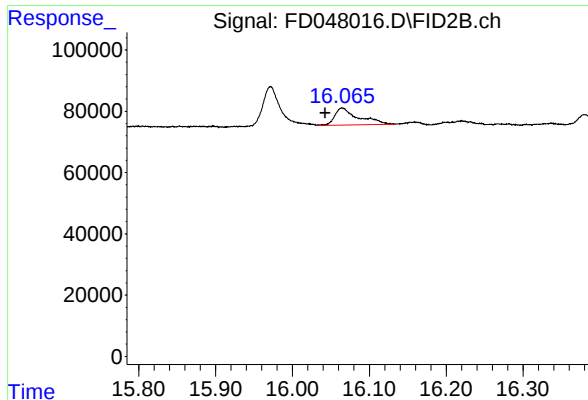
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.020 min
Response: 41168
Conc: 0.30 ug/ml



#15 Chrysene (C27.41)

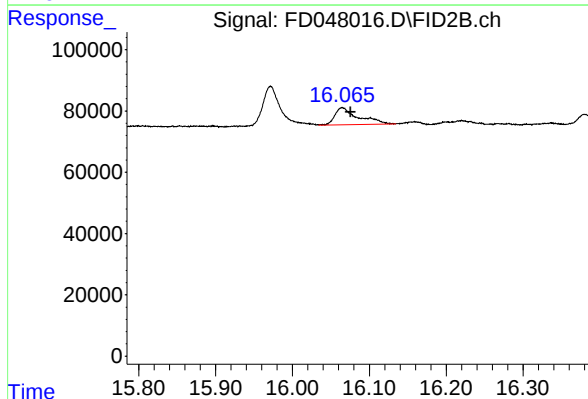
R.T.: 14.554 min
Delta R.T.: 0.017 min
Response: 100237
Conc: 0.62 ug/ml



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

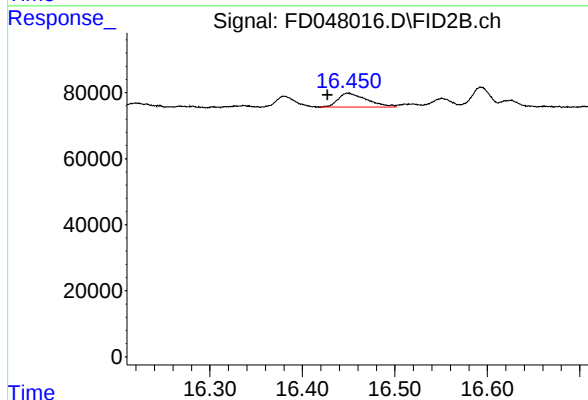
R.T.: 16.065 min
Delta R.T.: 0.022 min
Response: 117031
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



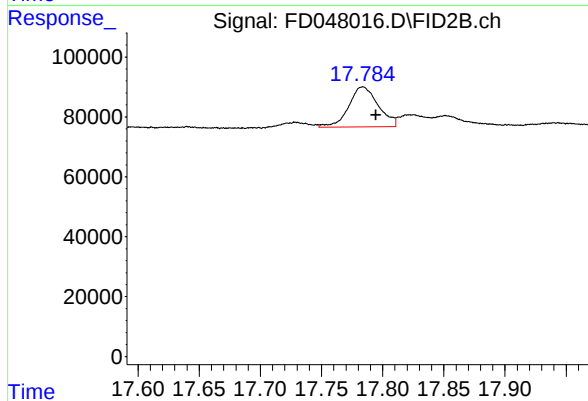
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.065 min
Delta R.T.: -0.011 min
Response: 117031
Conc: 0.78 ug/ml



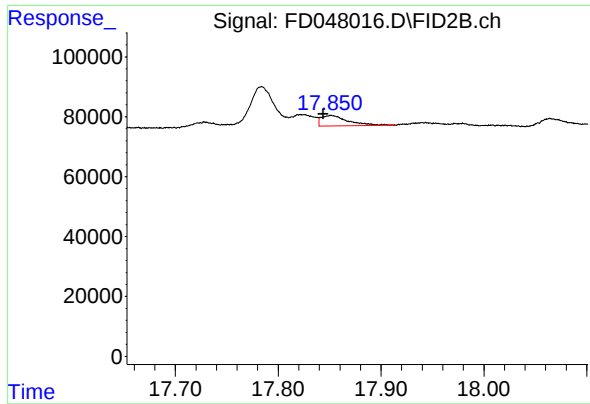
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: 0.022 min
Response: 90025
Conc: 0.64 ug/ml



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

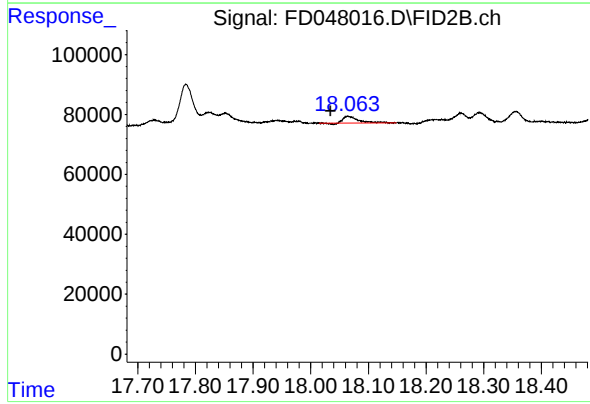
R.T.: 17.784 min
Delta R.T.: -0.011 min
Response: 225339
Conc: 2.00 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.008 min
Response: 62139
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.065 min
Delta R.T.: 0.030 min
Response: 42031
Conc: 0.29 ug/ml