

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048046.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 17:43
 Operator : YP/AJ
 Sample : P3245-25
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:36:53 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	7316566	49.228 ug/ml
Spiked Amount 50.000		Recovery =	98.46%
6) S 2-Fluorobiphenyl (SURR)	8.260	4670886	49.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.71%
11) S ortho-Terphenyl (SURR)	11.298	4996210	29.860 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.810	45044	0.260 ug/ml
7) T Acenaphthene (C15.5)	8.359	92433	0.533 ug/ml
8) T Flouorene (C16.55)	9.152	55208	0.340 ug/ml
9) T Phenanthrene (C19.36)	10.528	347309	2.187 ug/ml
10) T Anthracene (C19.43)	10.614	71748	0.454 ug/ml
12) T Fluoranthene (C21.85)	12.330	561528	3.547 ug/ml
13) T Pyrene (C20.8)	12.624	463278	2.930 ug/ml
14) T Benzo[a]anthracene (C...	14.496	220494	1.615 ug/ml
15) T Chrysene (C27.41)	14.535	315747	1.959 ug/ml
16) T benzo[b]fluoranthene ...	16.043	356037	2.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.075	141819	0.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.787	558334	4.950 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	216438	1.489 ug/ml
21) T Benzo[g,h,i]perylene ...	18.034	195870	1.329 ug/ml

(f)=RT Delta > 1/2 Window

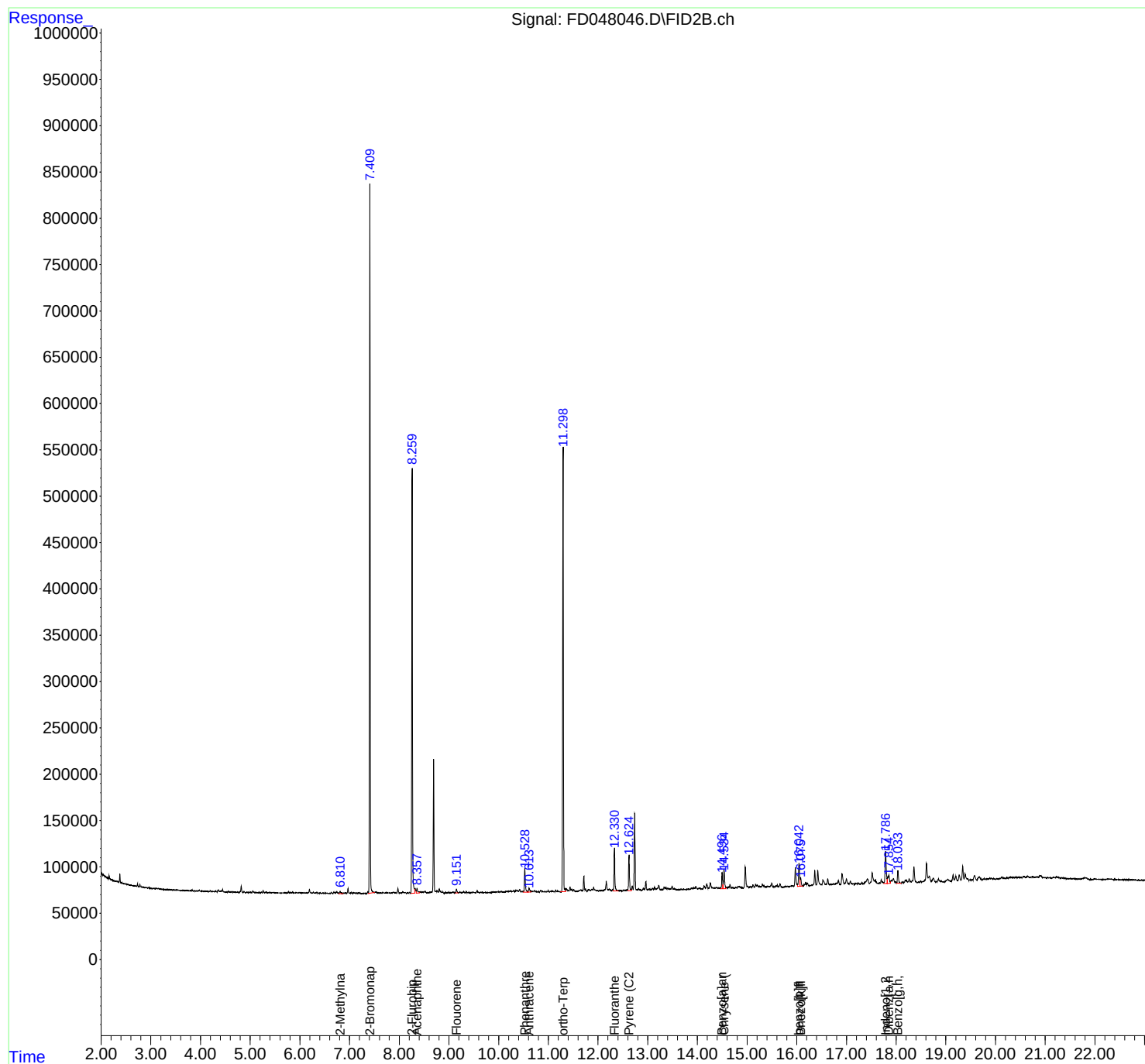
(m)=manual int.

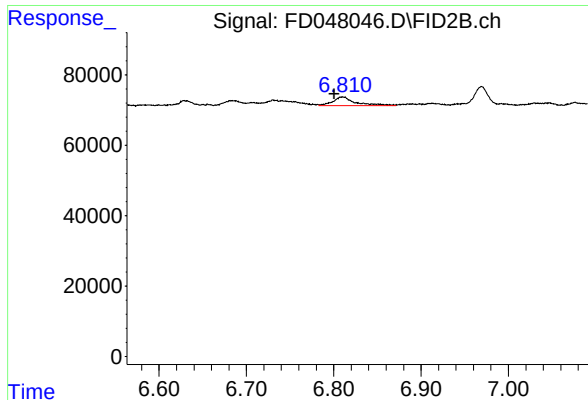
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
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Signal Info : 20M x 0.18mm x 0.18µm

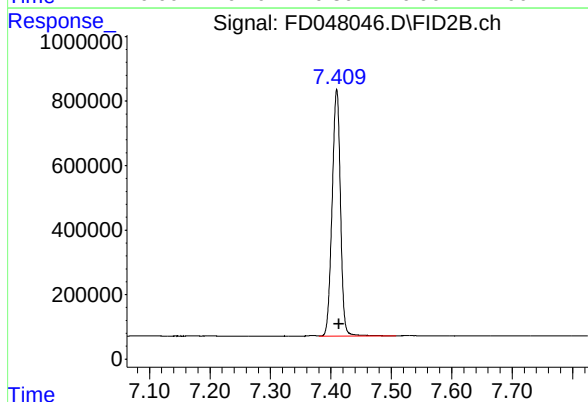




#3 2-Methylnaphthalene (C12.89)

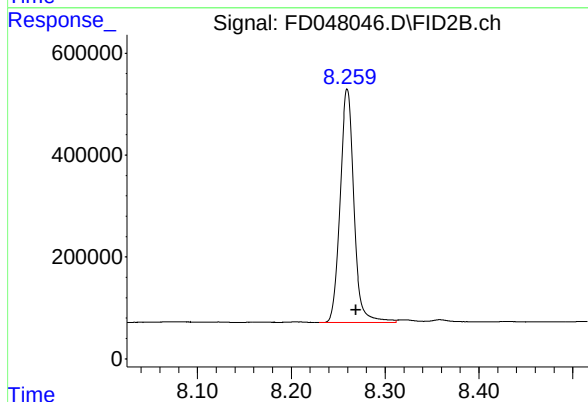
R.T.: 6.810 min
Delta R.T.: 0.009 min
Response: 45044
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



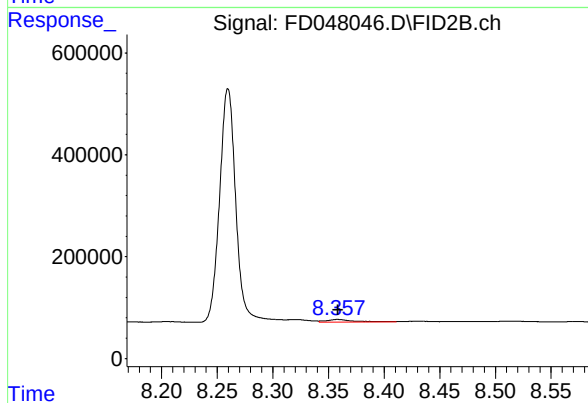
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 7316566
Conc: 49.23 ug/ml



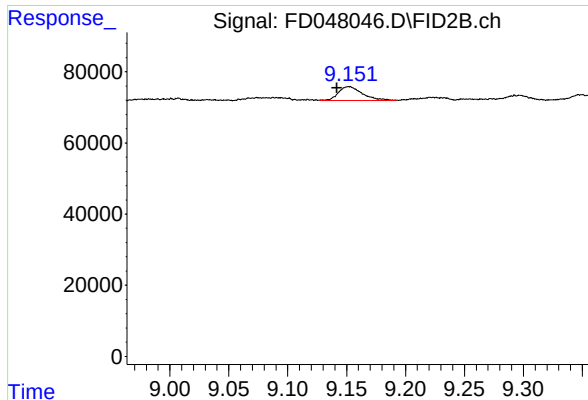
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 4670886
Conc: 49.35 ug/ml



#7 Acenaphthene (C15.5)

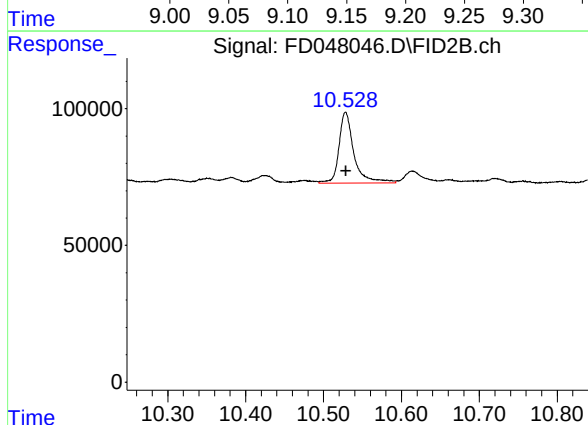
R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 92433
Conc: 0.53 ug/ml



#8 Flouorene (C16.55)

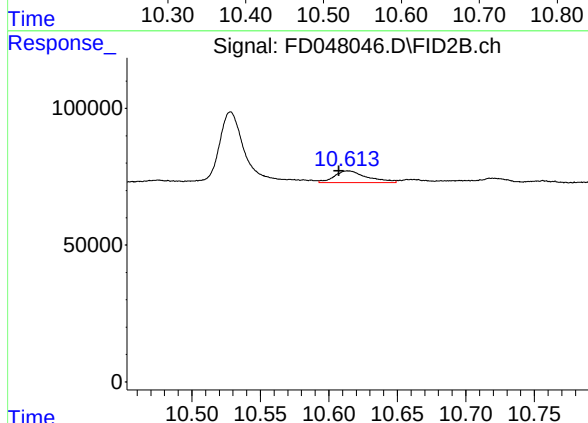
R.T.: 9.152 min
Delta R.T.: 0.010 min
Response: 55208
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



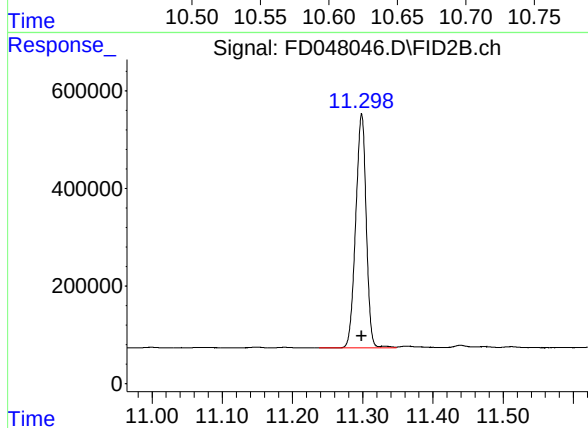
#9 Phenanthrene (C19.36)

R.T.: 10.528 min
Delta R.T.: 0.000 min
Response: 347309
Conc: 2.19 ug/ml



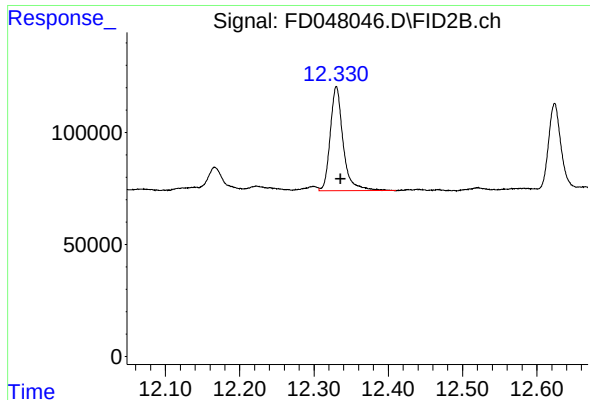
#10 Anthracene (C19.43)

R.T.: 10.614 min
Delta R.T.: 0.007 min
Response: 71748
Conc: 0.45 ug/ml



#11 ortho-Terphenyl (SURR)

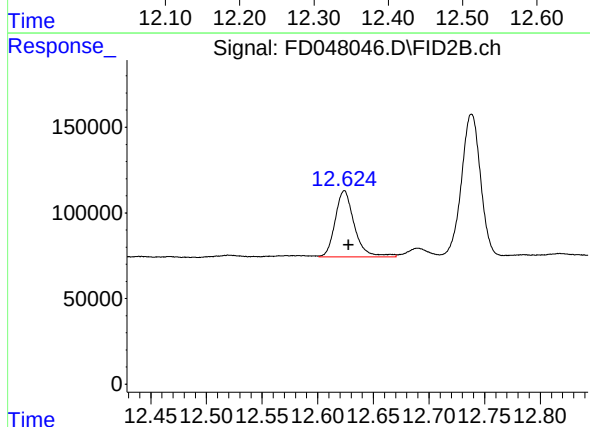
R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 4996210
Conc: 29.86 ug/ml



#12 Fluoranthene (C21.85)

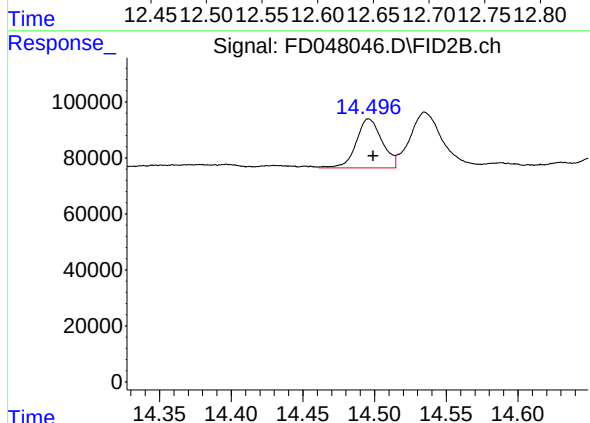
R.T.: 12.330 min
Delta R.T.: -0.006 min
Response: 561528
Conc: 3.55 ug/ml

Instrument :
FID_D
ClientSampleId :



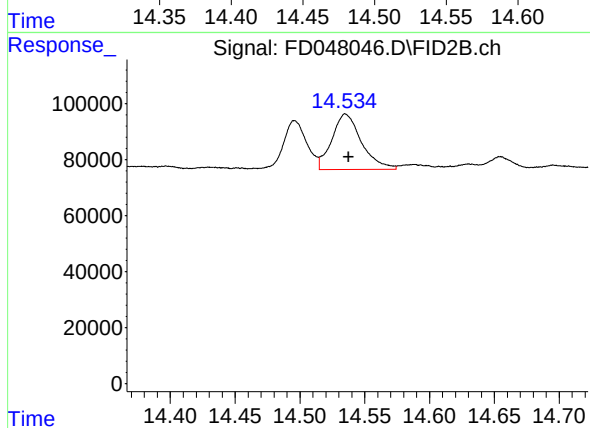
#13 Pyrene (C20.8)

R.T.: 12.624 min
Delta R.T.: -0.004 min
Response: 463278
Conc: 2.93 ug/ml



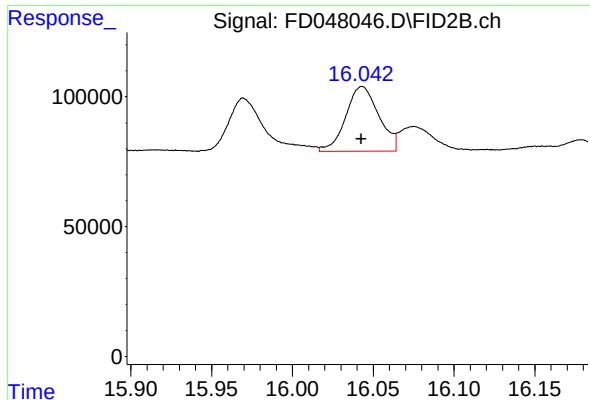
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: -0.003 min
Response: 220494
Conc: 1.62 ug/ml



#15 Chrysene (C27.41)

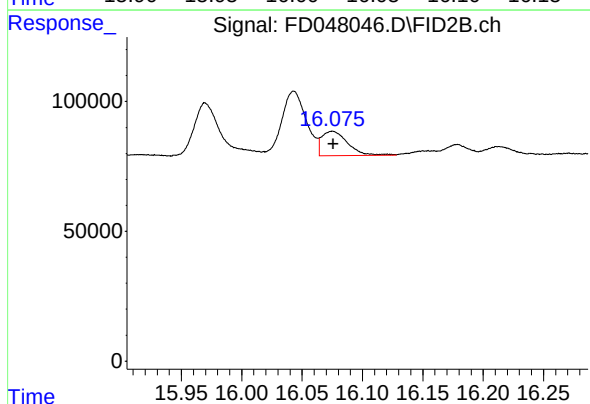
R.T.: 14.535 min
Delta R.T.: -0.002 min
Response: 315747
Conc: 1.96 ug/ml



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

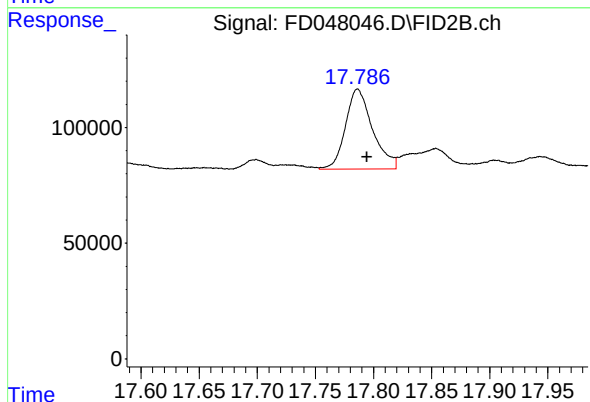
R.T.: 16.043 min
Delta R.T.: 0.000 min
Response: 356037
Conc: 2.47 ug/ml

Instrument :
FID_D
ClientSampleId :



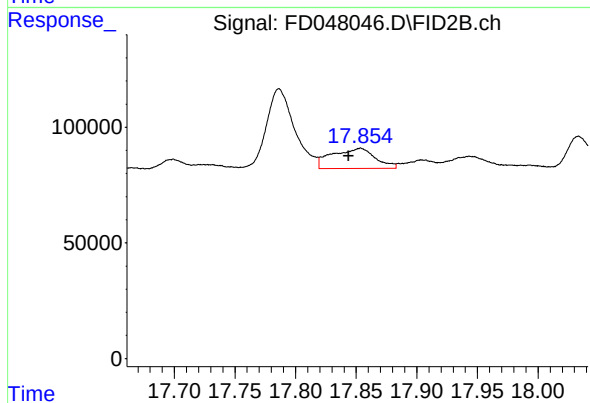
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.075 min
Delta R.T.: 0.000 min
Response: 141819
Conc: 0.95 ug/ml



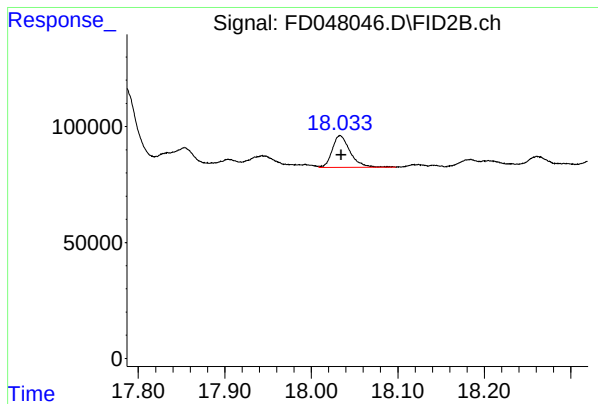
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.787 min
Delta R.T.: -0.008 min
Response: 558334
Conc: 4.95 ug/ml



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

R.T.: 17.853 min
Delta R.T.: 0.009 min
Response: 216438
Conc: 1.49 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.001 min
Response: 195870
Conc: 1.33 ug/ml

Instrument :
FID_D
ClientSampleId :