

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048024.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 02:59
 Operator : YP/AJ
 Sample : P3245-14
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 05:50:44 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	7150222	48.109 ug/ml
Spiked Amount 50.000		Recovery =	96.22%
6) S 2-Fluorobiphenyl (SURR)	8.261	4556140	48.142 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.28%
11) S ortho-Terphenyl (SURR)	11.300	5880780	35.147 ug/ml
Spiked Amount 50.000		Recovery =	70.29%
Target Compounds			
2) T Naphthalene (C11.7)	5.763	46308	0.268 ug/ml
3) T 2-Methylnaphthalene (...)	6.811	60312	0.348 ug/ml
5) T Acenaphthylene (C15.06)	8.070	50937	0.297 ug/ml
7) T Acenaphthene (C15.5)	8.358	141758	0.817 ug/ml
8) T Fluorene (C16.55)	9.145	122868	0.756 ug/ml
9) T Phenanthrene (C19.36)	10.524	1233273	7.766 ug/ml
10) T Anthracene (C19.43)	10.605	256098	1.622 ug/ml
12) T Fluoranthene (C21.85)	12.328	1984026	12.531 ug/ml
13) T Pyrene (C20.8)	12.622	1557280	9.848 ug/ml
14) T Benzo[a]anthracene (C...	14.491	836605	6.128 ug/ml
15) T Chrysene (C27.41)	14.530	969980	6.017 ug/ml
16) T benzo[b]fluoranthene ...	16.038	1190126	8.268 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	448270	3.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.781	1539039	13.646 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	391803	2.696 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	644922	4.376 ug/ml

(f)=RT Delta > 1/2 Window

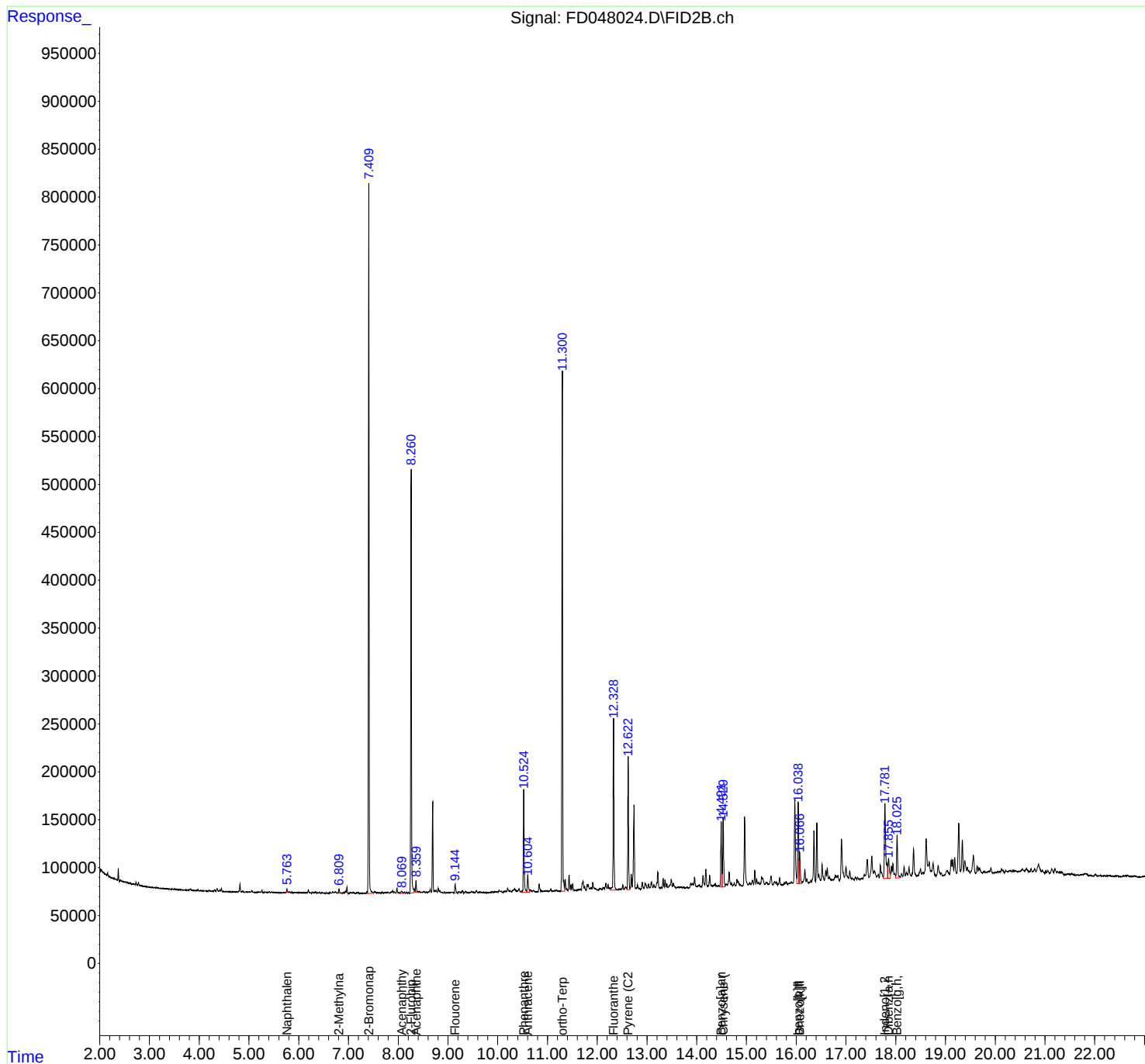
(m)=manual int.

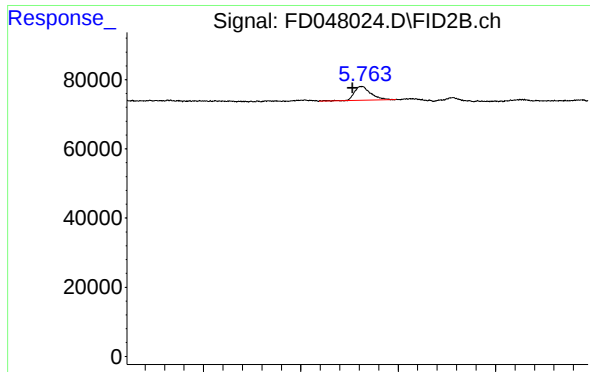
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
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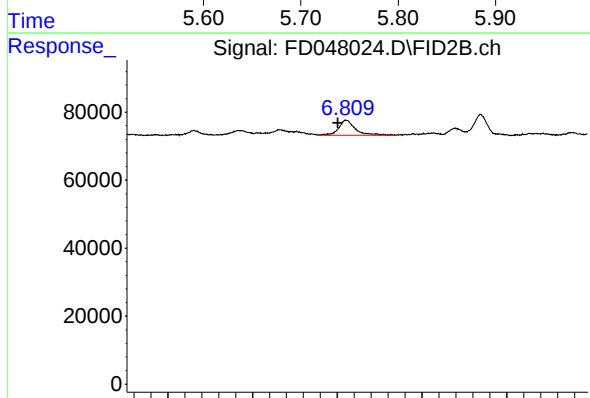




#2 Naphthalene (C11.7)

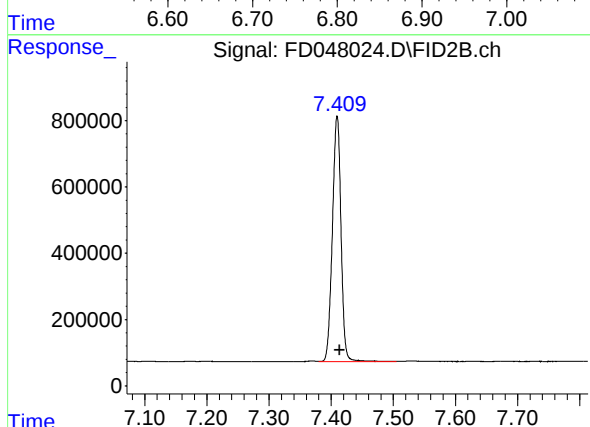
R.T.: 5.763 min
Delta R.T.: 0.009 min
Response: 46308
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



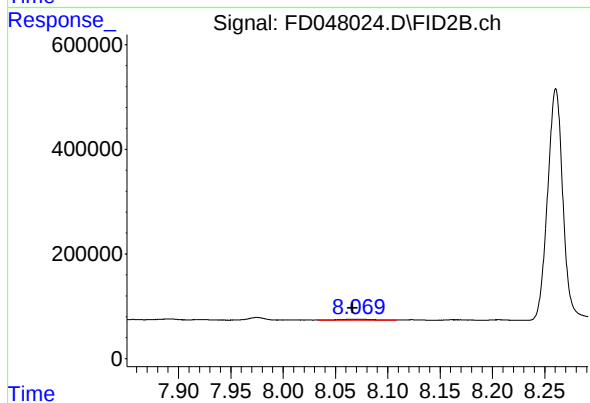
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: 0.010 min
Response: 60312
Conc: 0.35 ug/ml



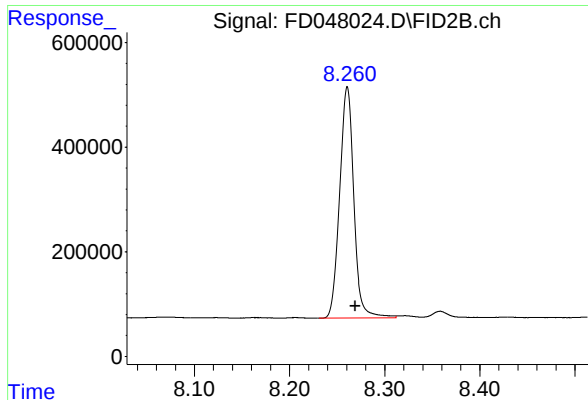
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 7150222
Conc: 48.11 ug/ml



#5 Acenaphthylene (C15.06)

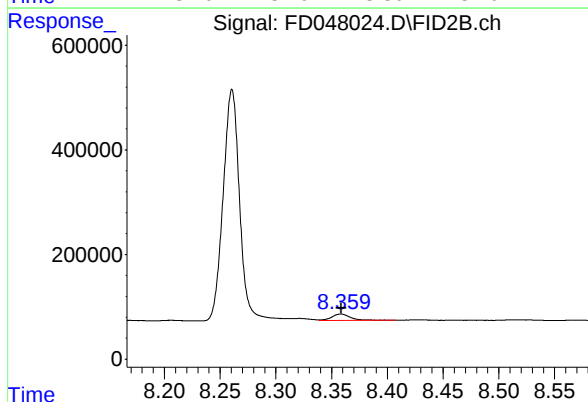
R.T.: 8.070 min
Delta R.T.: 0.004 min
Response: 50937
Conc: 0.30 ug/ml



#6 2-Fluorobiphenyl (SURR)

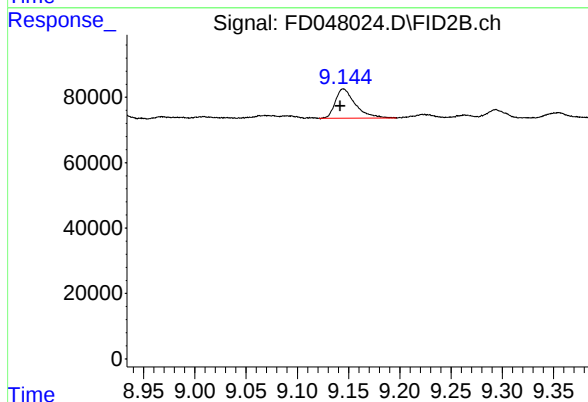
R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 4556140
Conc: 48.14 ug/ml

Instrument :
FID_D
ClientSampleId :



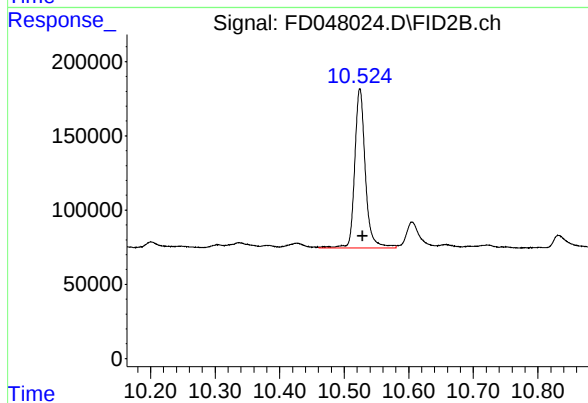
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 141758
Conc: 0.82 ug/ml



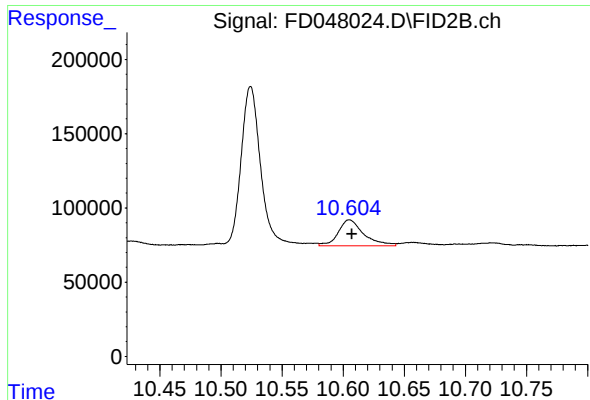
#8 Flouorene (C16.55)

R.T.: 9.145 min
Delta R.T.: 0.003 min
Response: 122868
Conc: 0.76 ug/ml



#9 Phenanthrene (C19.36)

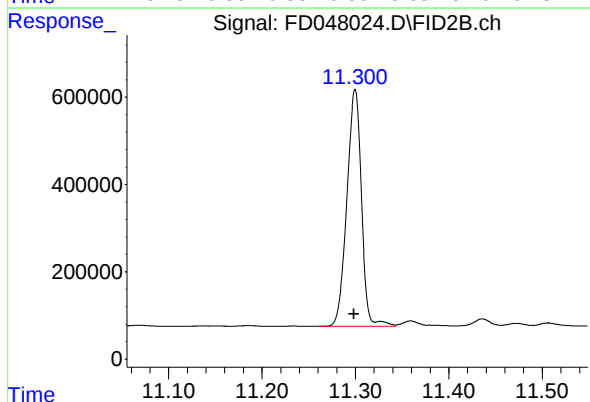
R.T.: 10.524 min
Delta R.T.: -0.004 min
Response: 1233273
Conc: 7.77 ug/ml



#10 Anthracene (C19.43)

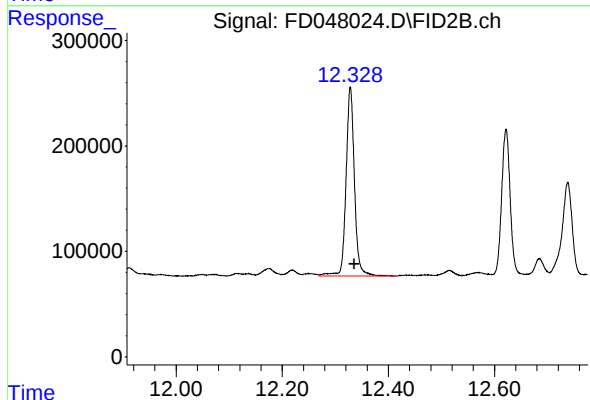
R.T.: 10.605 min
Delta R.T.: -0.002 min
Response: 256098
Conc: 1.62 ug/ml

Instrument :
FID_D
ClientSampleId :



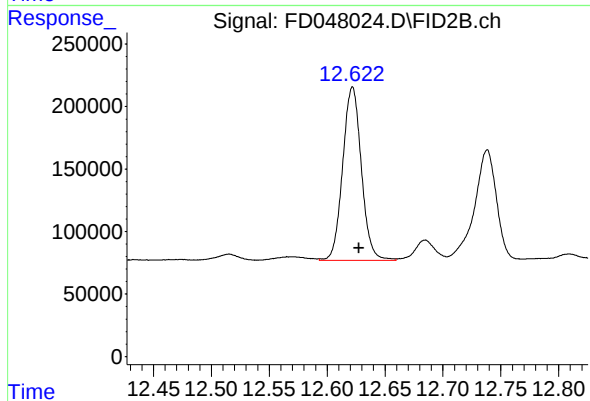
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.001 min
Response: 5880780
Conc: 35.15 ug/ml



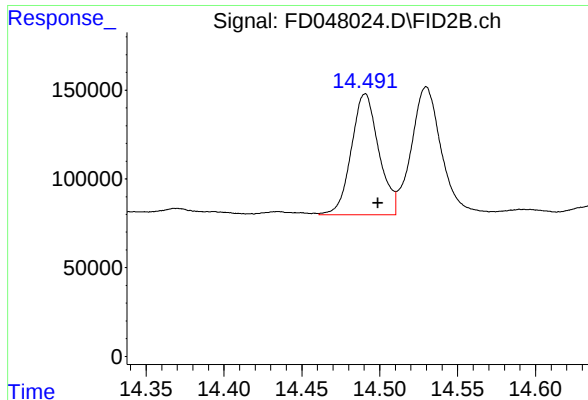
#12 Fluoranthene (C21.85)

R.T.: 12.328 min
Delta R.T.: -0.007 min
Response: 1984026
Conc: 12.53 ug/ml



#13 Pyrene (C20.8)

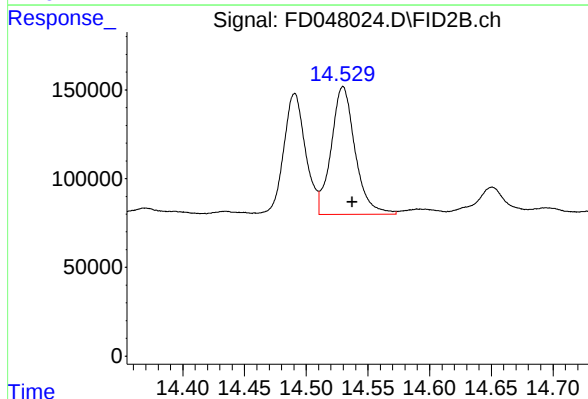
R.T.: 12.622 min
Delta R.T.: -0.006 min
Response: 1557280
Conc: 9.85 ug/ml



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

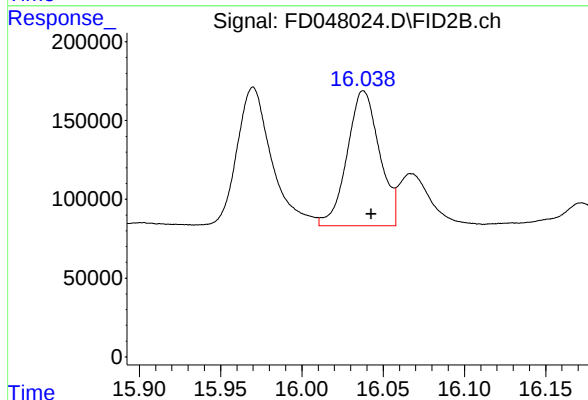
R.T.: 14.491 min
Delta R.T.: -0.008 min
Response: 836605
Conc: 6.13 ug/ml

Instrument :
FID_D
ClientSampleId :



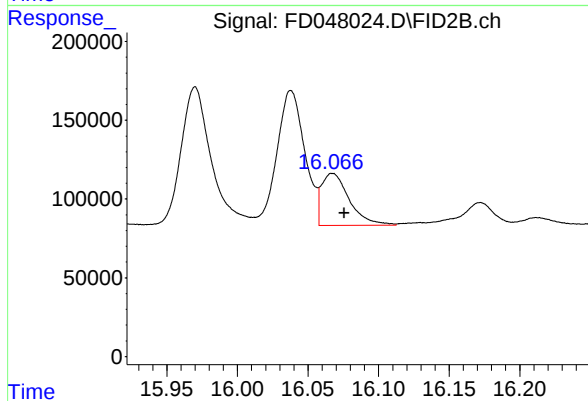
#15 Chrysene (C27.41)

R.T.: 14.530 min
Delta R.T.: -0.008 min
Response: 969980
Conc: 6.02 ug/ml



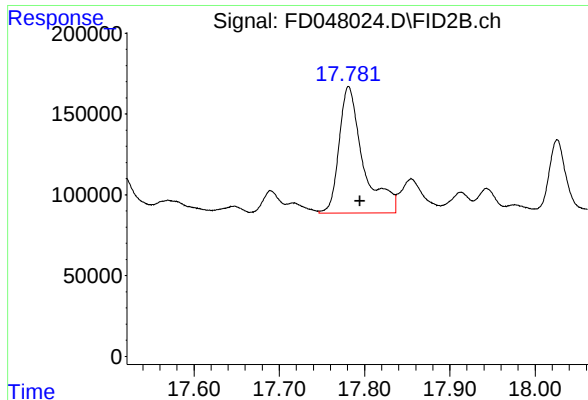
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.038 min
Delta R.T.: -0.005 min
Response: 1190126
Conc: 8.27 ug/ml



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

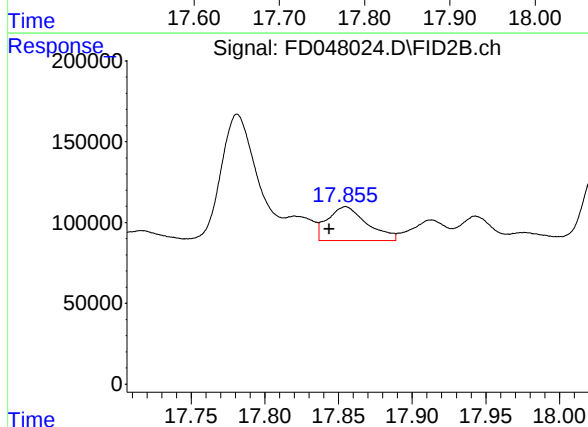
R.T.: 16.067 min
Delta R.T.: -0.008 min
Response: 448270
Conc: 3.00 ug/ml



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

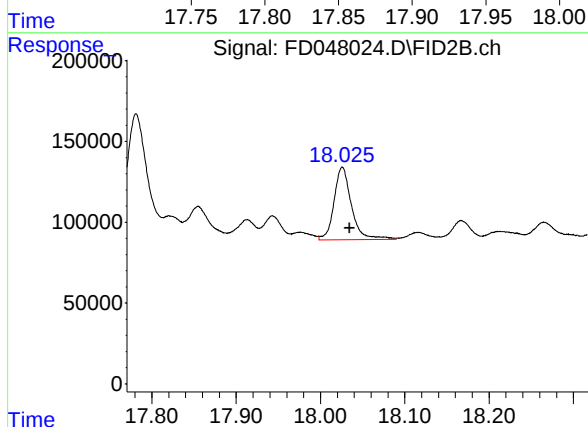
R.T.: 17.781 min
Delta R.T.: -0.013 min
Response: 1539039
Conc: 13.65 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.855 min
Delta R.T.: 0.011 min
Response: 391803
Conc: 2.70 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.009 min
Response: 644922
Conc: 4.38 ug/ml