

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045872.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 11:54
 Operator : YP/AJ
 Sample : 03282-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.528	9319731	51.694 ug/ml
Spiked Amount 50.000		Recovery =	103.39%
6) S 2-Fluorobiphenyl (SURR)	8.384	6164587	51.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.55%
11) S ortho-Terphenyl (SURR)	11.420	4275819	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
2) T Naphthalene (C11.7)	5.864	48499	0.229 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	49760	0.236 ug/ml
5) T Acenaphthylene (C15.06)	8.183	24266	0.128 ug/ml
8) T Flouorene (C16.55)	9.268	31075	0.157 ug/ml
9) T Phenanthrene (C19.36)	10.645	81855	0.428 ug/ml
10) T Anthracene (C19.43)	10.719	28800	0.169 ug/ml
12) T Fluoranthene (C21.85)	12.448	163786	0.887 ug/ml
13) T Pyrene (C20.8)	12.742	132790	0.744 ug/ml
14) T Benzo[a]anthracene (C...	14.606	64129	0.410 ug/ml
15) T Chrysene (C27.41)	14.648	145110	0.880 ug/ml
16) T benzo[b]fluoranthene ...	16.177	67250	0.444 ug/ml
17) T Bnezo[k]fluoranthene ...	16.177	67250	0.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.521	78678	0.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	58312	0.398 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	109834	0.732 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	93321	0.632 ug/ml

(f)=RT Delta > 1/2 Window

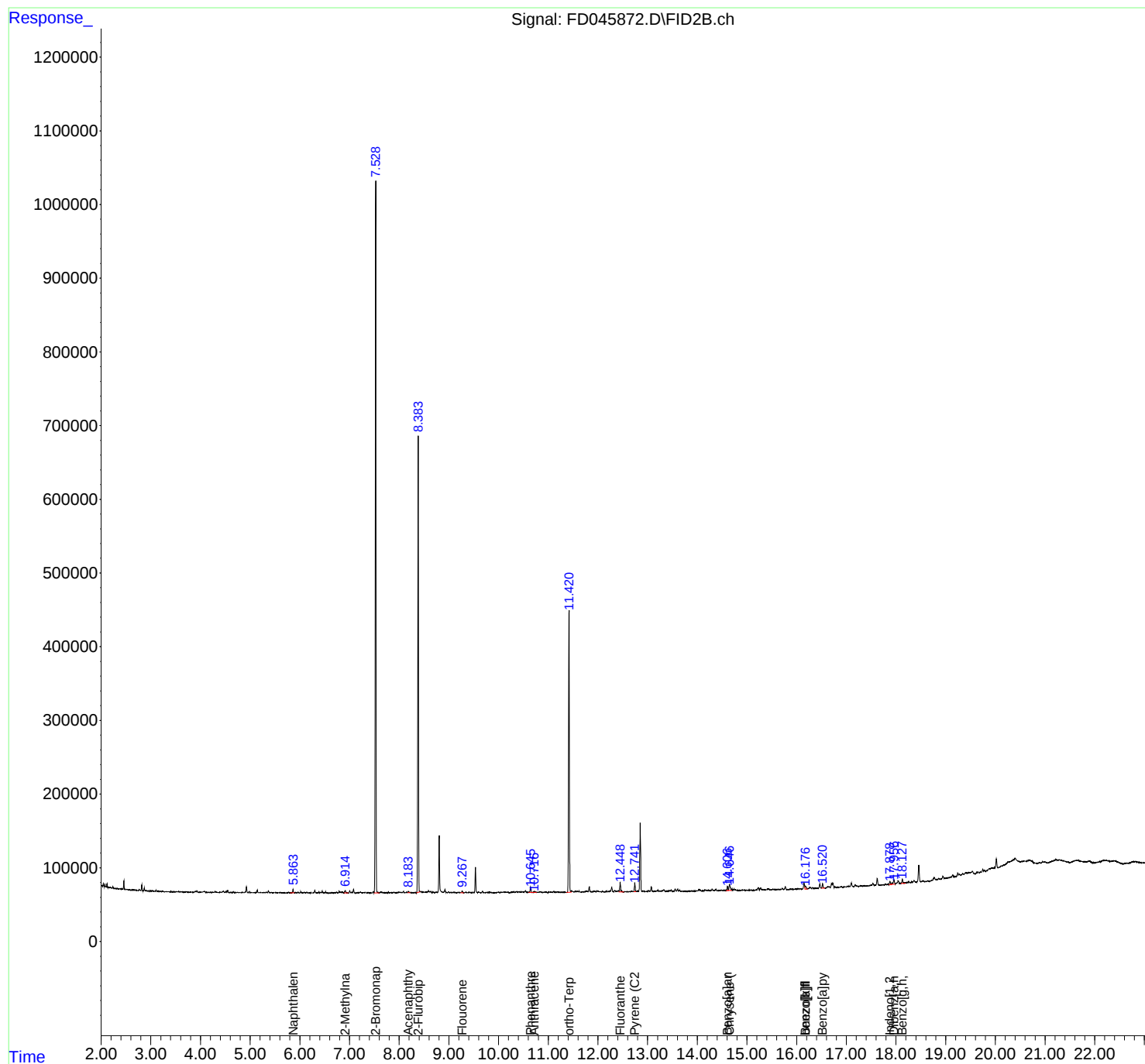
(m)=manual int.

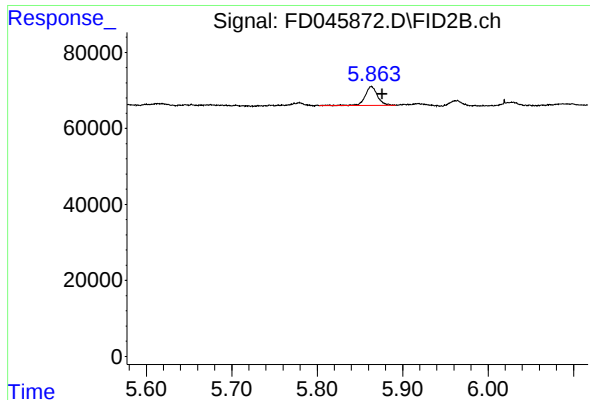
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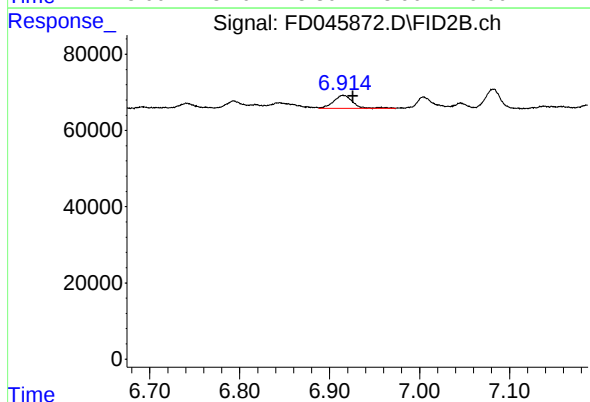




#2 Naphthalene (C11.7)

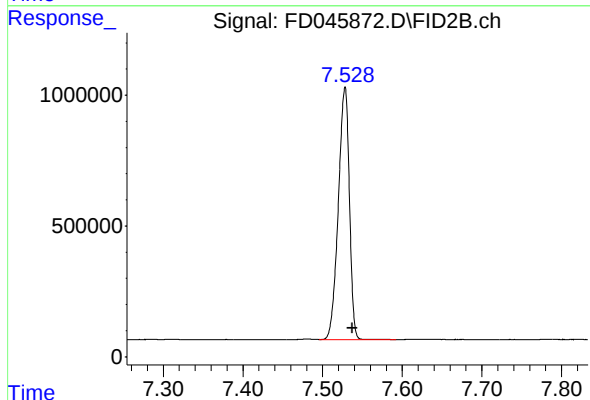
R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 48499
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



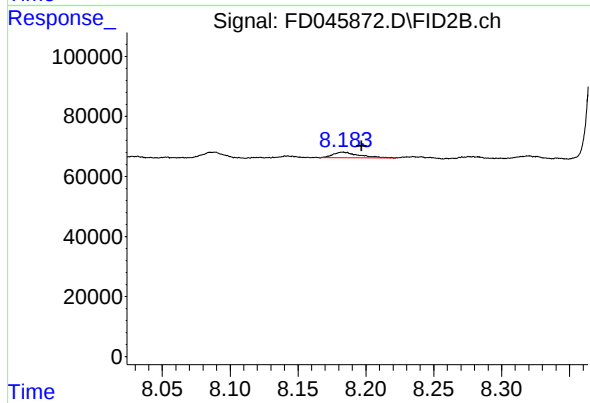
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
Delta R.T.: -0.011 min
Response: 49760
Conc: 0.24 ug/ml



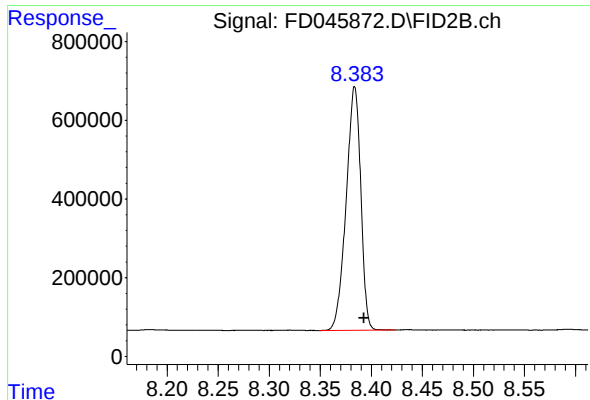
#4 2-Bromonaphthalene (SURR)

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 9319731
Conc: 51.69 ug/ml



#5 Acenaphthylene (C15.06)

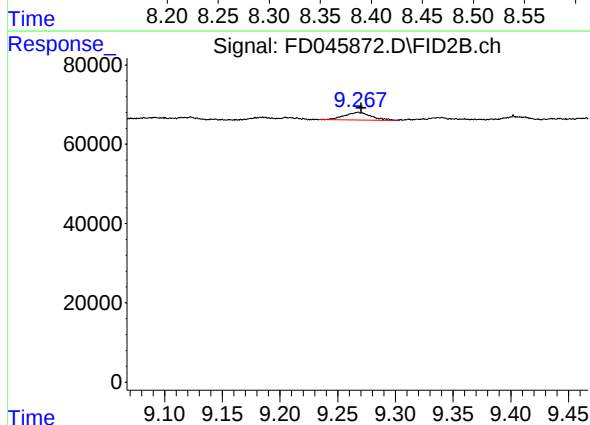
R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 24266
Conc: 0.13 ug/ml



#6 2-Fluorobiphenyl (SURR)

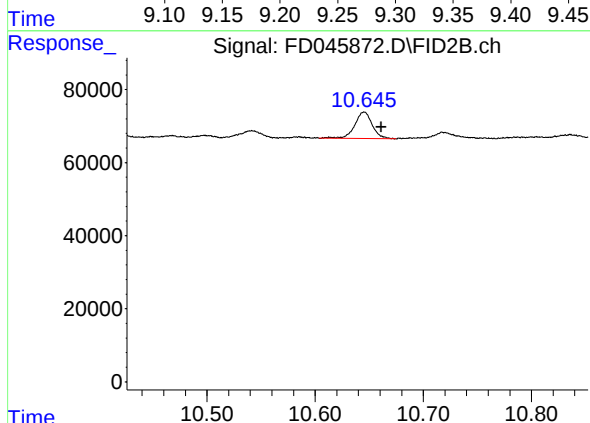
R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 6164587
Conc: 51.27 ug/ml

Instrument :
FID_D
ClientSampleId :



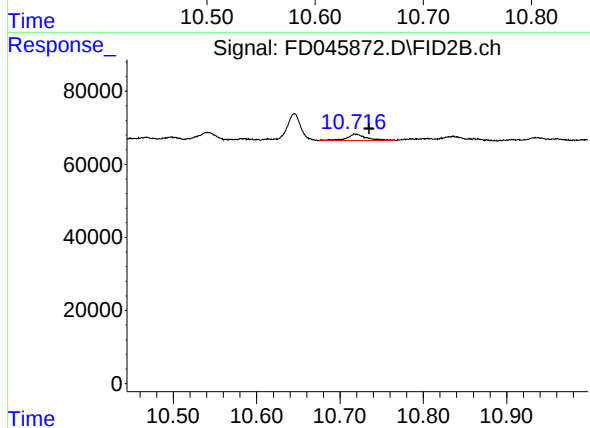
#8 Flouorene (C16.55)

R.T.: 9.268 min
Delta R.T.: -0.003 min
Response: 31075
Conc: 0.16 ug/ml



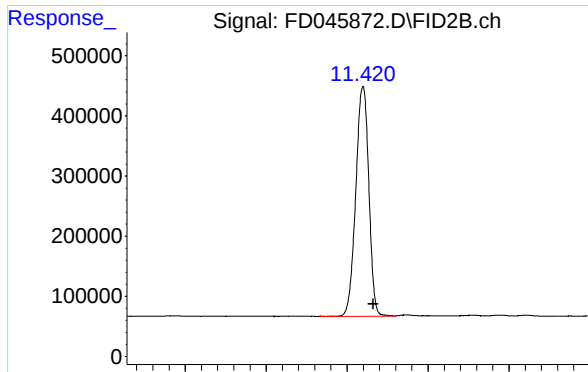
#9 Phenanthrene (C19.36)

R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 81855
Conc: 0.43 ug/ml



#10 Anthracene (C19.43)

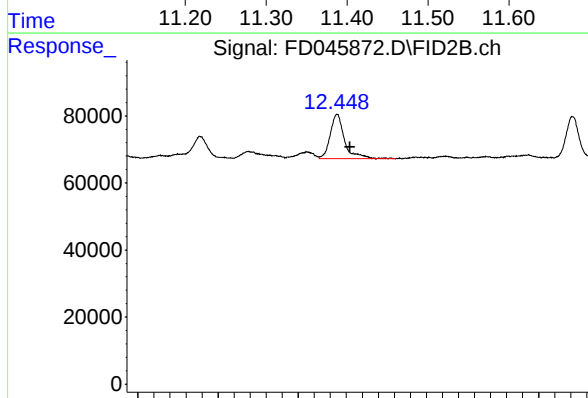
R.T.: 10.719 min
Delta R.T.: -0.016 min
Response: 28800
Conc: 0.17 ug/ml



#11 ortho-Terphenyl (SURR)

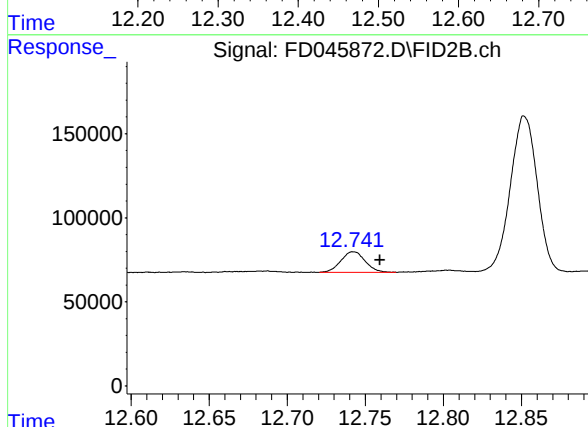
R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 4275819
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :



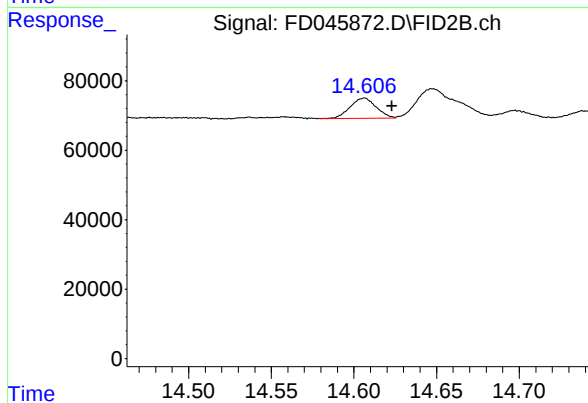
#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: -0.017 min
Response: 163786
Conc: 0.89 ug/ml



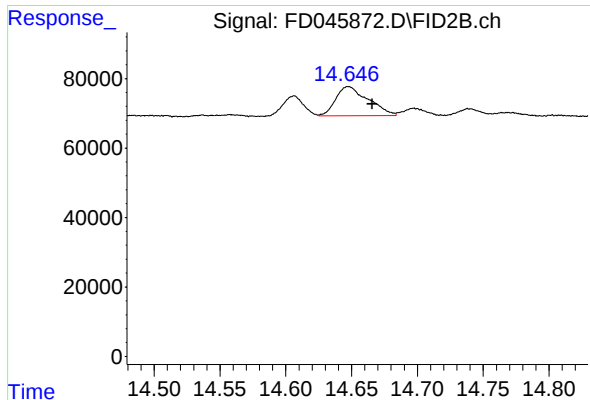
#13 Pyrene (C20.8)

R.T.: 12.742 min
Delta R.T.: -0.017 min
Response: 132790
Conc: 0.74 ug/ml



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

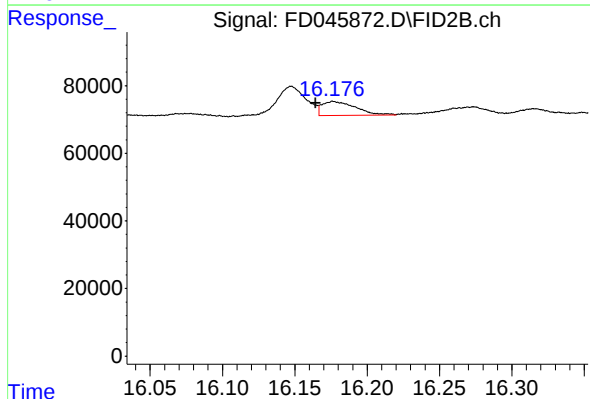
R.T.: 14.606 min
Delta R.T.: -0.017 min
Response: 64129
Conc: 0.41 ug/ml



#15 Chrysene (C27.41)

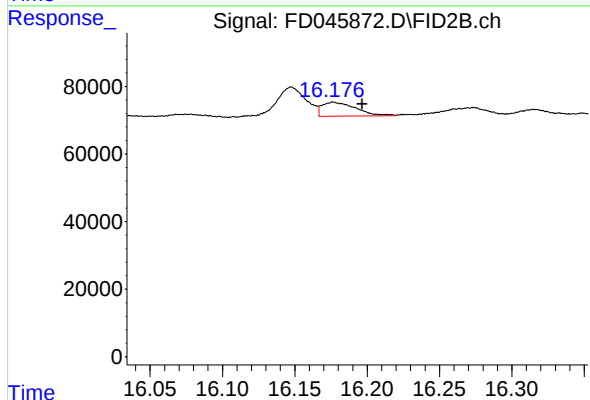
R.T.: 14.648 min
Delta R.T.: -0.018 min
Response: 145110
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



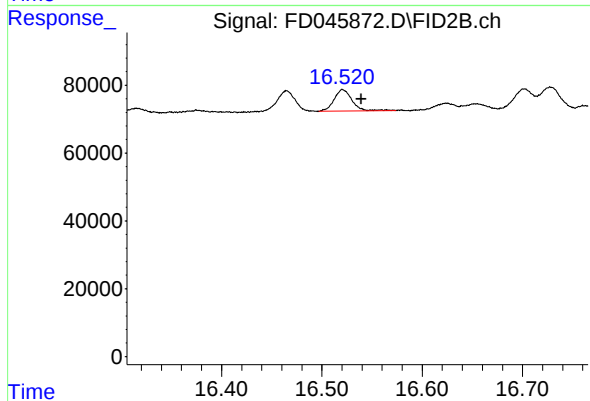
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.177 min
Delta R.T.: 0.013 min
Response: 67250
Conc: 0.44 ug/ml



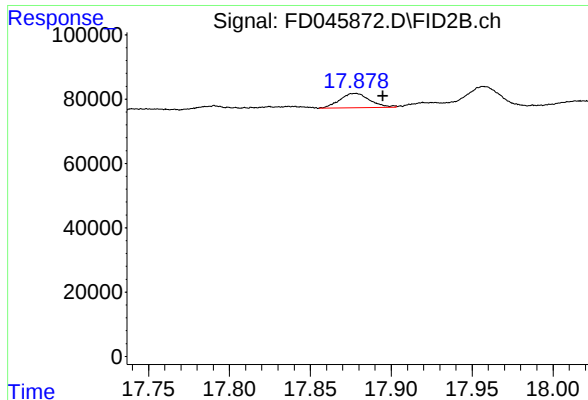
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.177 min
Delta R.T.: -0.020 min
Response: 67250
Conc: 0.43 ug/ml



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

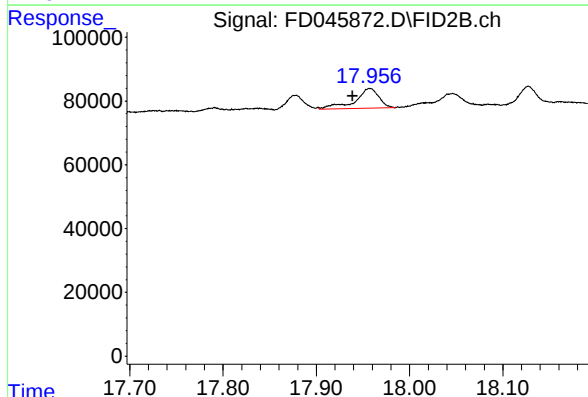
R.T.: 16.521 min
Delta R.T.: -0.018 min
Response: 78678
Conc: 0.54 ug/ml



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

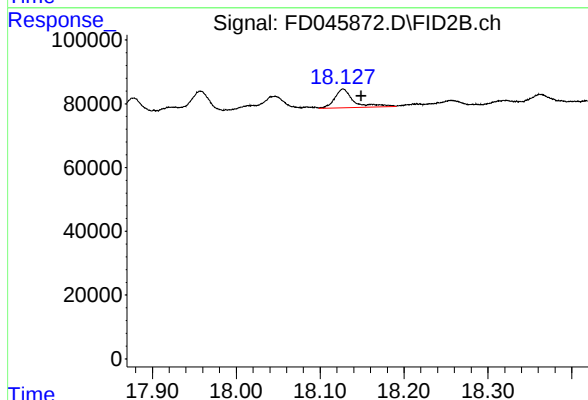
R.T.: 17.878 min
Delta R.T.: -0.017 min
Response: 58312
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.957 min
Delta R.T.: 0.018 min
Response: 109834
Conc: 0.73 ug/ml



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

R.T.: 18.127 min
Delta R.T.: -0.022 min
Response: 93321
Conc: 0.63 ug/ml