

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045261.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 04:49
 Operator : YP/AJ
 Sample : 01830-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 05:28:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.553	5290861	38.987 ug/ml
Spiked Amount 50.000		Recovery =	77.97%
6) S 2-Fluorobiphenyl (SURR)	8.408	3368645	37.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.25%
11) S ortho-Terphenyl (SURR)	11.449	5670432	34.066 ug/ml
Spiked Amount 50.000		Recovery =	68.13%
Target Compounds			
2) T Naphthalene (C11.7)	5.892	60430	0.383 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	41580	0.262 ug/ml
7) T Acenaphthene (C15.5)	8.505	118747	0.783 ug/ml
8) T Flouorene (C16.55)	9.283	136759	0.929 ug/ml
9) T Phenanthrene (C19.36)	10.674	1105378	7.742 ug/ml
10) T Anthracene (C19.43)	10.748	192304	1.372 ug/ml
12) T Fluoranthene (C21.85)	12.480	1696752	12.147 ug/ml
13) T Pyrene (C20.8)	12.775	1424921	10.464 ug/ml
14) T Benzo[a]anthracene (C...	14.637	479492	3.761 ug/ml
15) T Chrysene (C27.41)	14.678	589746	4.525 ug/ml
16) T benzo[b]fluoranthene ...	16.182	629671	4.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	220255	1.745 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	345001	2.741 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	369986	3.093 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	107065	0.888 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	255194	2.051 ug/ml

(f)=RT Delta > 1/2 Window

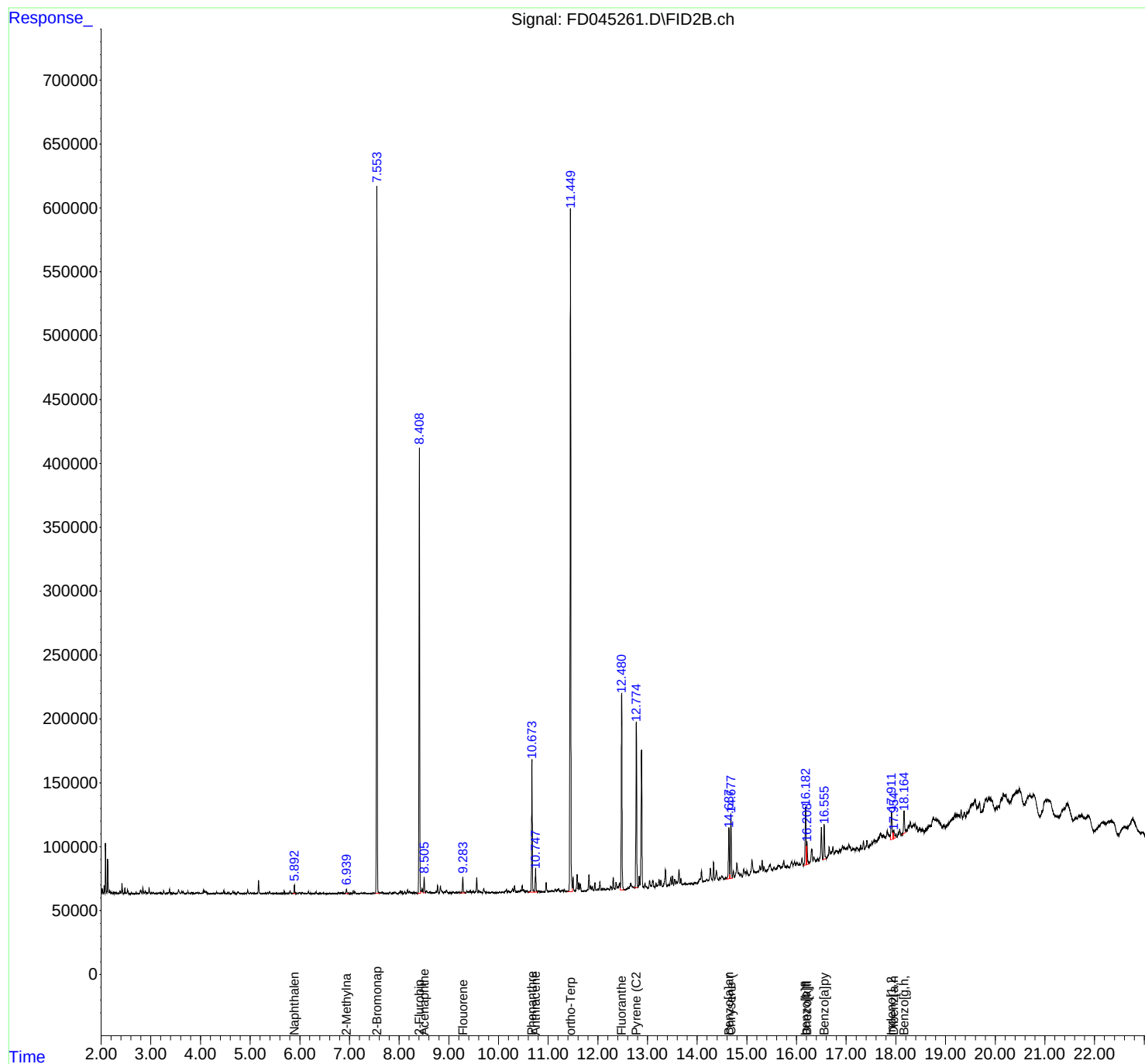
(m)=manual int.

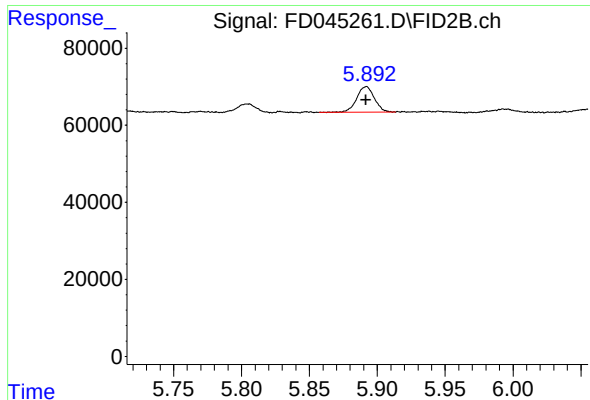
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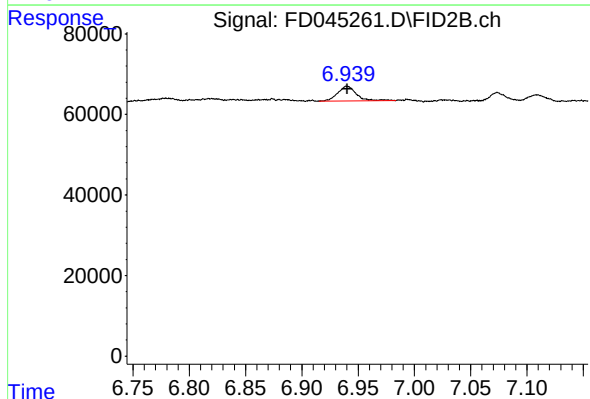




#2 Naphthalene (C11.7)

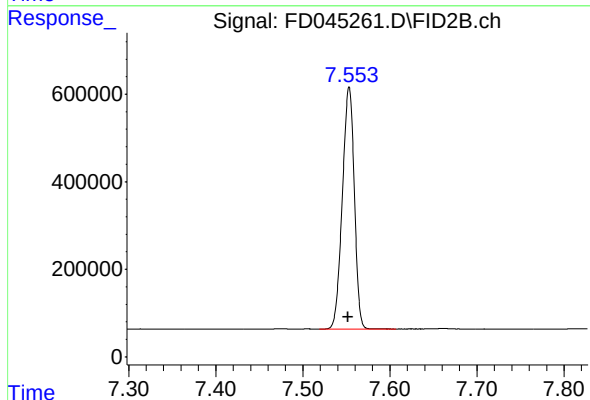
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 60430
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



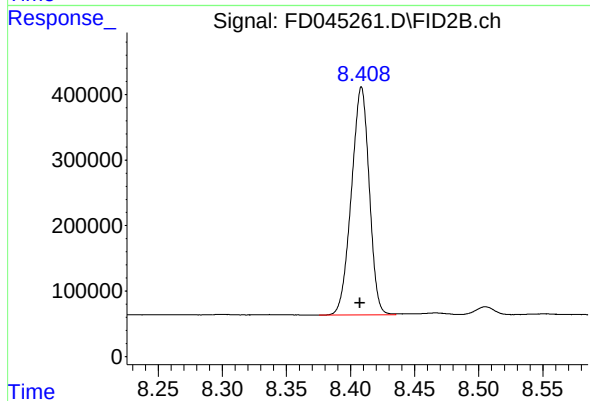
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 41580
Conc: 0.26 ug/ml



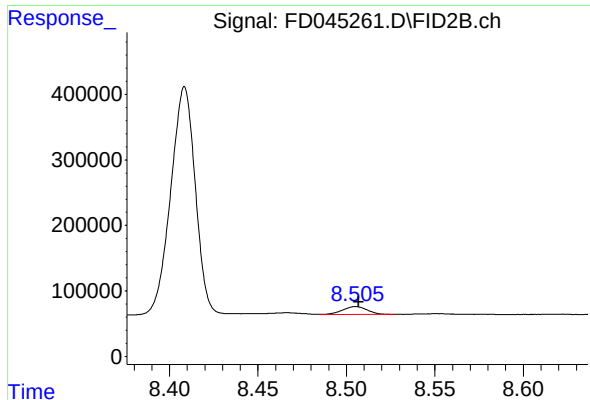
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min
Delta R.T.: 0.001 min
Response: 5290861
Conc: 38.99 ug/ml



#6 2-Fluorobiphenyl (SURR)

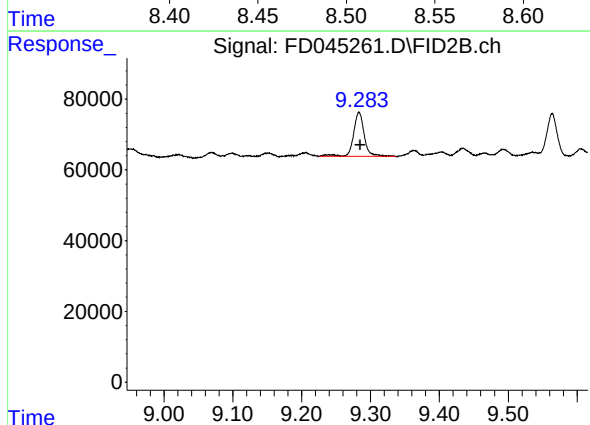
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3368645
Conc: 37.62 ug/ml



#7 Acenaphthene (C15.5)

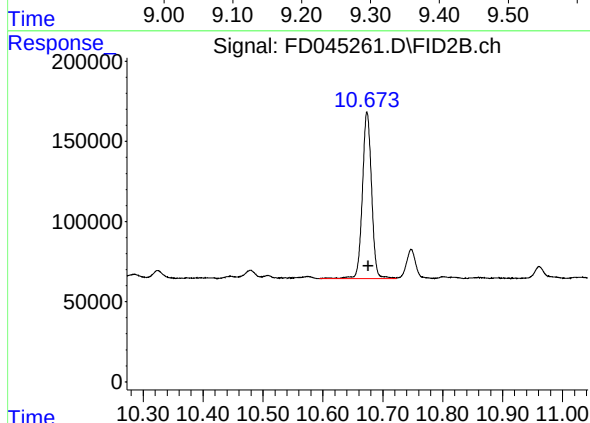
R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 118747
Conc: 0.78 ug/ml

Instrument :
FID_D
ClientSampleId :



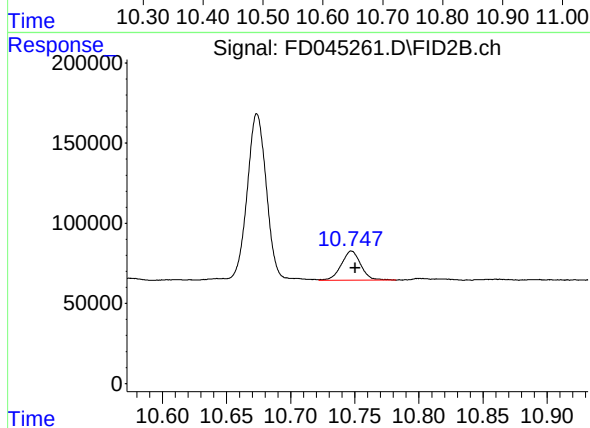
#8 Flouorene (C16.55)

R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 136759
Conc: 0.93 ug/ml



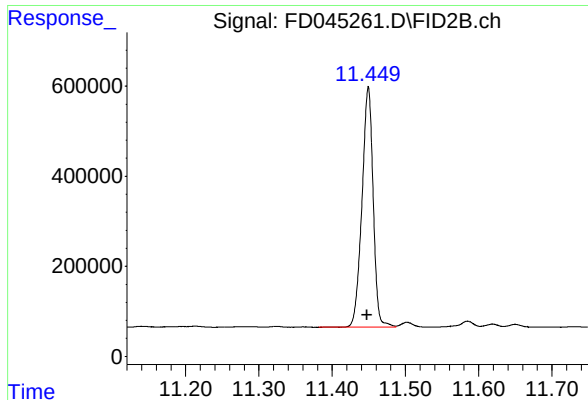
#9 Phenanthrene (C19.36)

R.T.: 10.674 min
Delta R.T.: -0.002 min
Response: 1105378
Conc: 7.74 ug/ml



#10 Anthracene (C19.43)

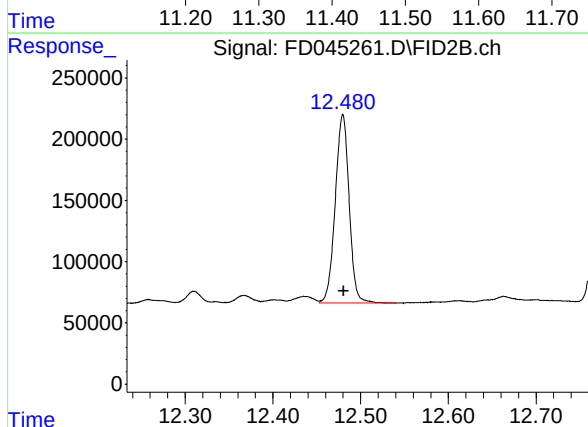
R.T.: 10.748 min
Delta R.T.: -0.003 min
Response: 192304
Conc: 1.37 ug/ml



#11 ortho-Terphenyl (SURR)

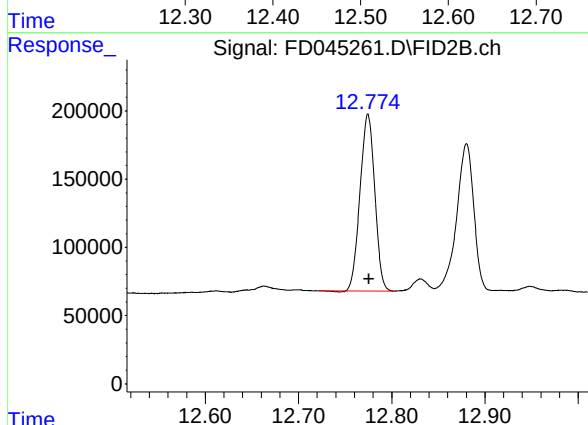
R.T.: 11.449 min
Delta R.T.: 0.001 min
Response: 5670432
Conc: 34.07 ug/ml

Instrument :
FID_D
ClientSampleId :



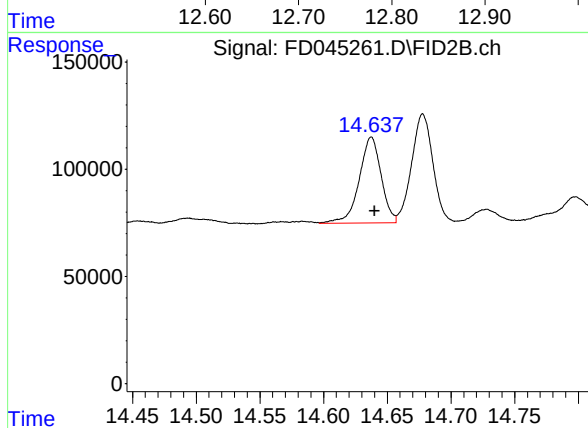
#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.001 min
Response: 1696752
Conc: 12.15 ug/ml



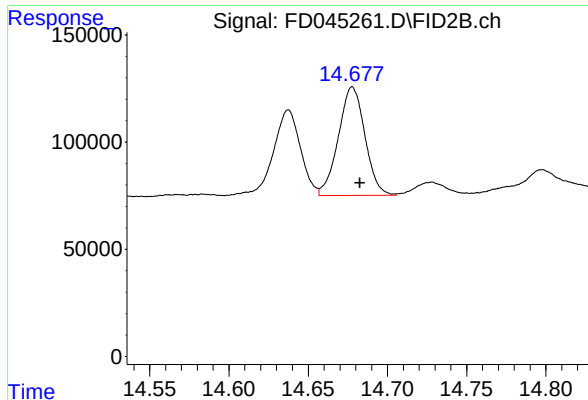
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.001 min
Response: 1424921
Conc: 10.46 ug/ml



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

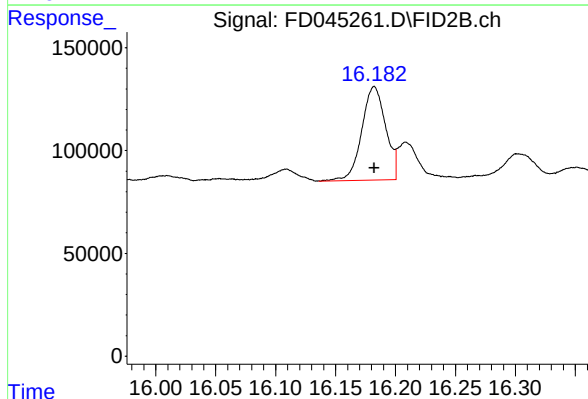
R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 479492
Conc: 3.76 ug/ml



#15 Chrysene (C27.41)

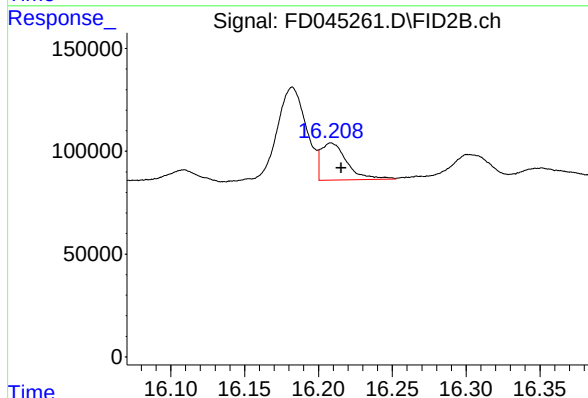
R.T.: 14.678 min
Delta R.T.: -0.005 min
Response: 589746
Conc: 4.53 ug/ml

Instrument :
FID_D
ClientSampleId :



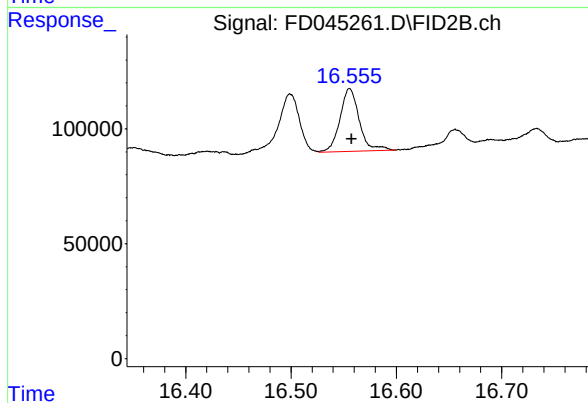
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.182 min
Delta R.T.: 0.000 min
Response: 629671
Conc: 4.88 ug/ml



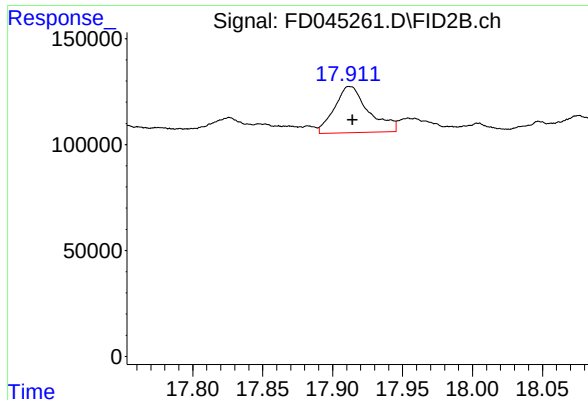
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.209 min
Delta R.T.: -0.007 min
Response: 220255
Conc: 1.74 ug/ml



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

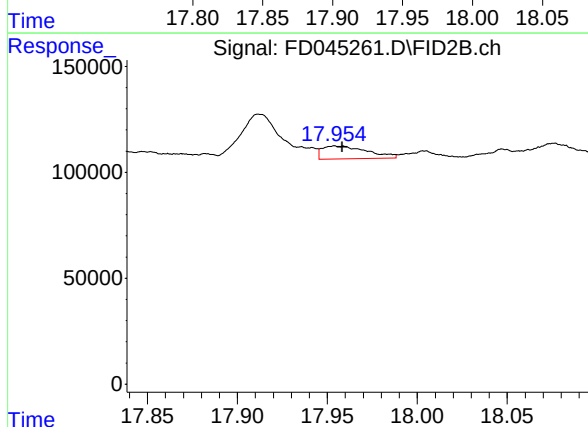
R.T.: 16.556 min
Delta R.T.: -0.002 min
Response: 345001
Conc: 2.74 ug/ml



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

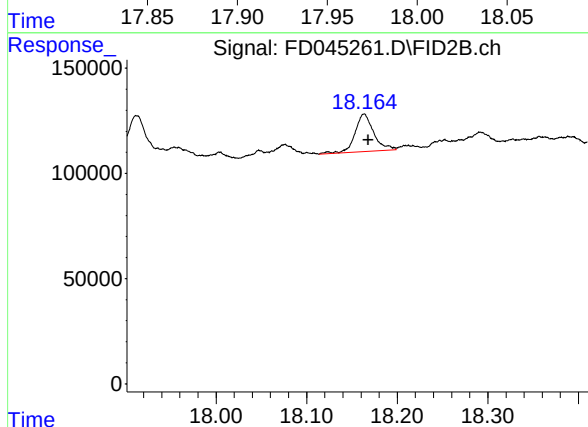
R.T.: 17.912 min
Delta R.T.: -0.002 min
Response: 369986
Conc: 3.09 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.955 min
Delta R.T.: -0.003 min
Response: 107065
Conc: 0.89 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.005 min
Response: 255194
Conc: 2.05 ug/ml