

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043878.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 19:59
 Operator : YP/AJ
 Sample : N4550-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Sep 14 20:23:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 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...	7.429	7451008	56.628 ug/ml
Spiked Amount 50.000		Recovery =	113.26%
6) S 2-Fluorobiphenyl (SURR)	8.284	7002920	97.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.15%#
11) S ortho-Terphenyl (SURR)	11.327	14015311	75.233 ug/ml
Spiked Amount 50.000		Recovery =	150.47%
Target Compounds			
2) T Naphthalene (C11.7)	5.741	208093	1.461 ug/ml
3) T 2-Methylnaphthalene (...)	6.830	432146	2.954 ug/ml
5) T Acenaphthylene (C15.06)	8.075	2158192	13.986 ug/ml
7) T Acenaphthene (C15.5)	8.390	2993606	17.106 ug/ml
8) T Fluorene (C16.55)	9.161	2280240	15.514 ug/ml
9) T Phenanthrene (C19.36)	10.558	12783492	88.339 ug/ml
10) T Anthracene (C19.43)	10.637	8977662	61.173 ug/ml
12) T Fluoranthene (C21.85)	12.372	16741264	109.151 ug/ml
13) T Pyrene (C20.8)	12.665	18661430	125.448 ug/ml
14) T Benzo[a]anthracene (C...	14.538	10860081	97.147 ug/ml
15) T Chrysene (C27.41)	14.578	14979142	95.846 ug/ml
16) T benzo[b]fluoranthene ...	16.083	12435454	106.634 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	12435454	83.760 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	1255745	10.367 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	6560864	69.004 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	6560864	54.614 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	9552458	83.824 ug/ml

(f)=RT Delta > 1/2 Window

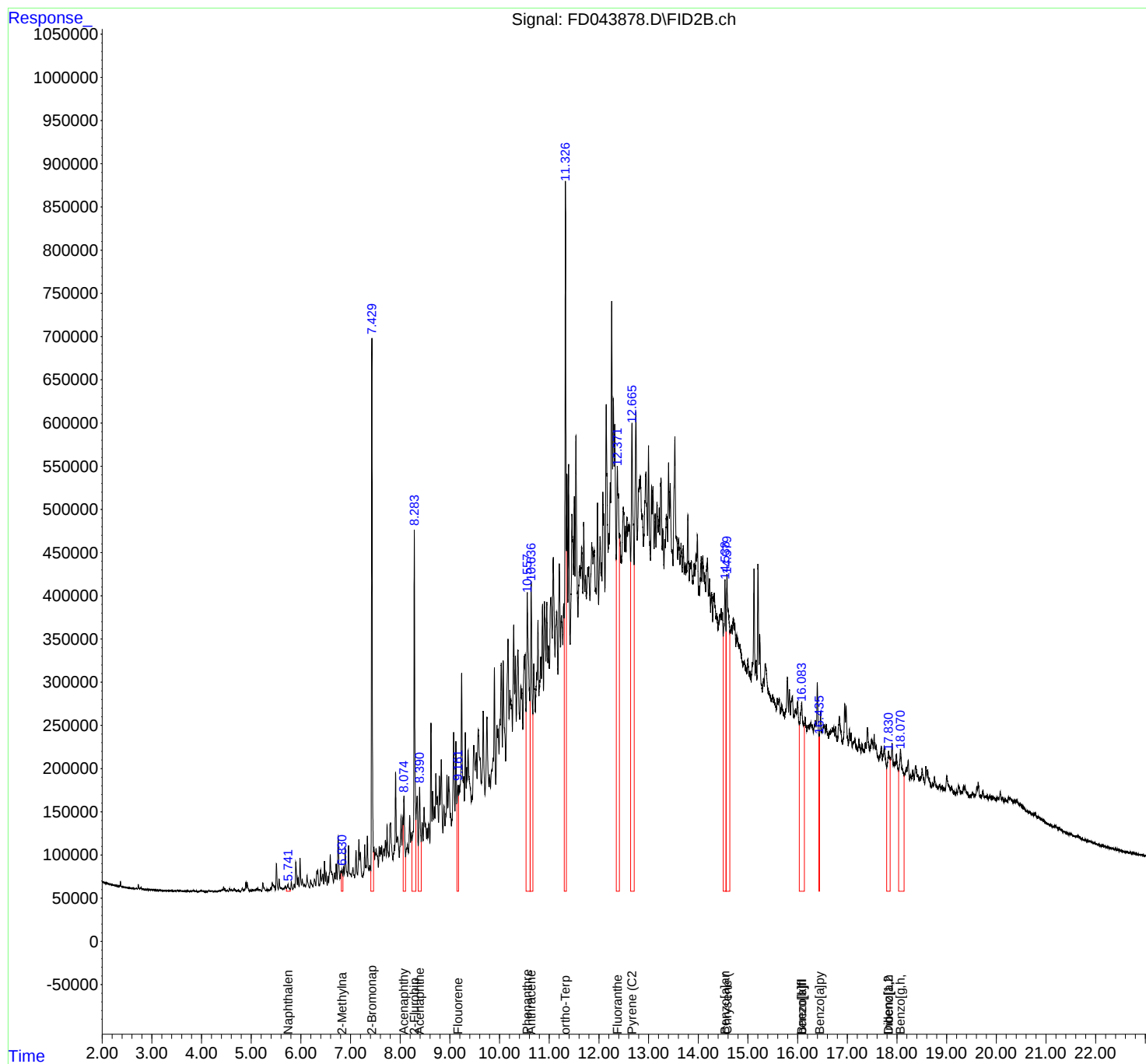
(m)=manual int.

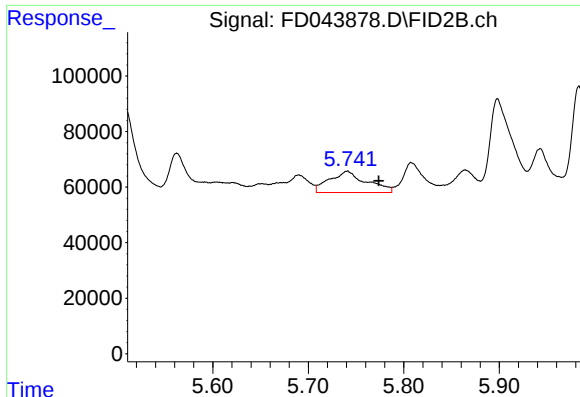
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
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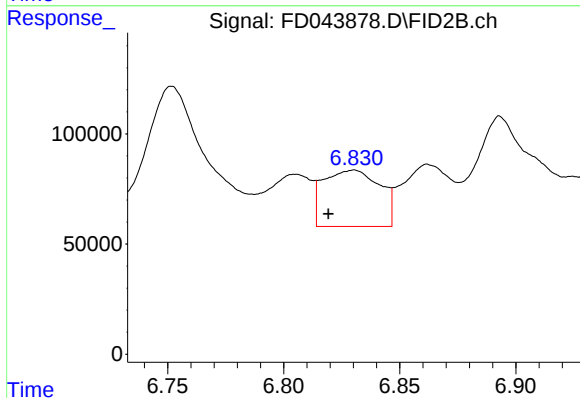




#2 Naphthalene (C11.7)

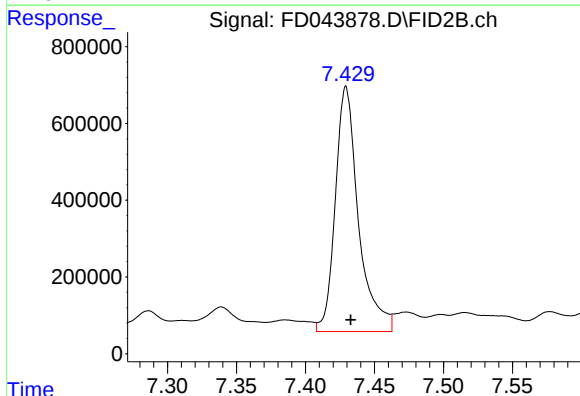
R.T.: 5.741 min
Delta R.T.: -0.033 min
Response: 208093
Conc: 1.46 ug/ml

Instrument :
FID_D
ClientSampleId :



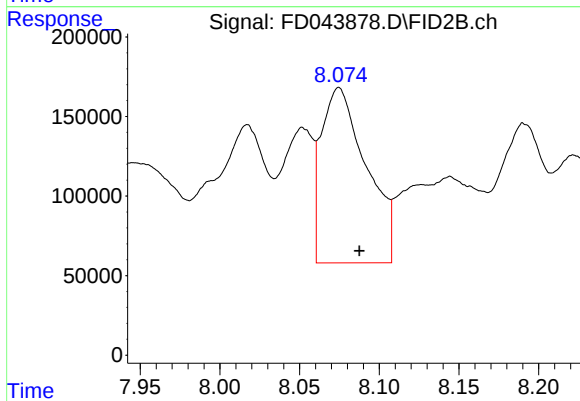
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: 0.011 min
Response: 432146
Conc: 2.95 ug/ml



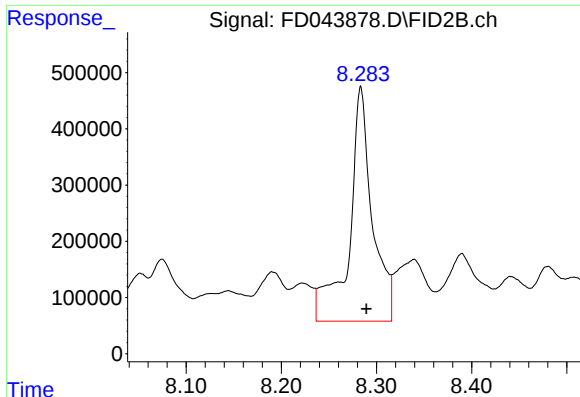
#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: -0.003 min
Response: 7451008
Conc: 56.63 ug/ml



#5 Acenaphthylene (C15.06)

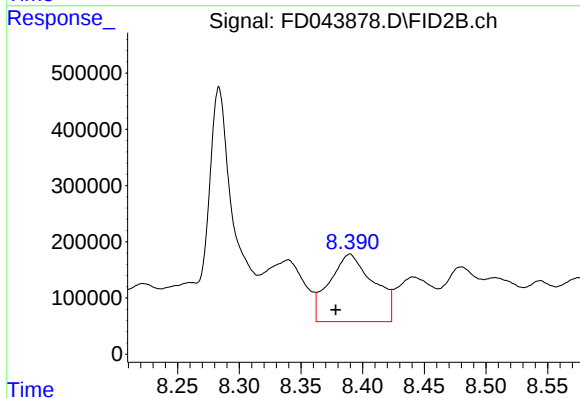
R.T.: 8.075 min
Delta R.T.: -0.013 min
Response: 2158192
Conc: 13.99 ug/ml



#6 2-Fluorobiphenyl (SURR)

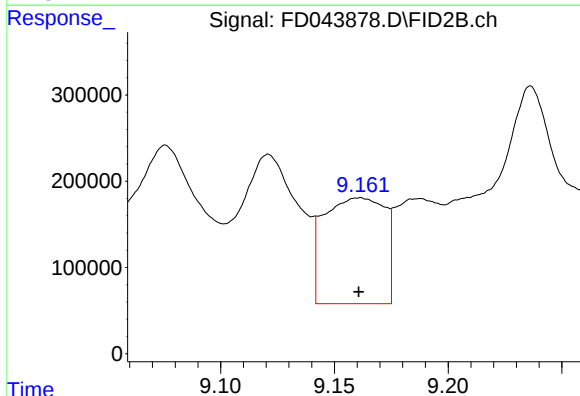
R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 7002920
Conc: 97.08 ug/ml

Instrument :
FID_D
ClientSampleId :



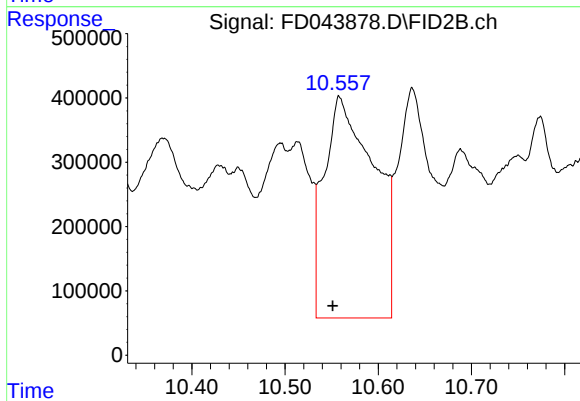
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: 0.011 min
Response: 2993606
Conc: 17.11 ug/ml



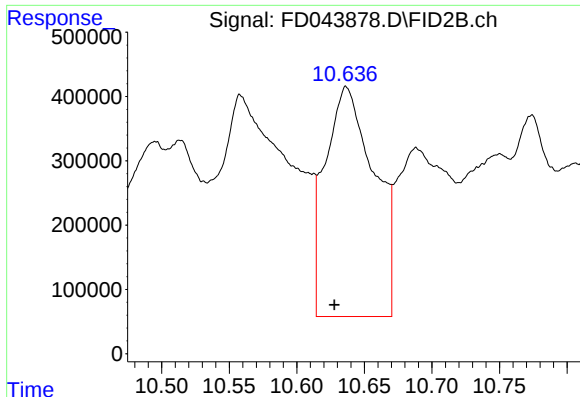
#8 Flouorene (C16.55)

R.T.: 9.161 min
Delta R.T.: 0.000 min
Response: 2280240
Conc: 15.51 ug/ml



#9 Phenanthrene (C19.36)

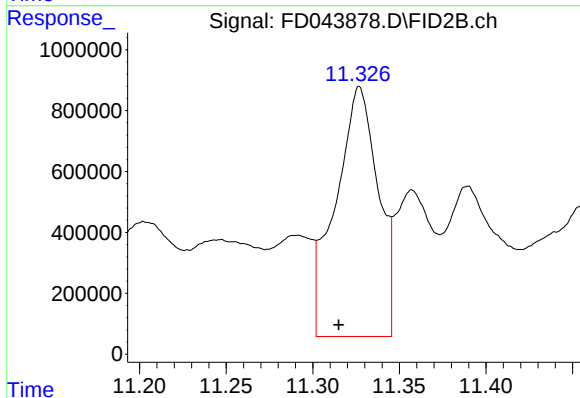
R.T.: 10.558 min
Delta R.T.: 0.007 min
Response: 12783492
Conc: 88.34 ug/ml



#10 Anthracene (C19.43)

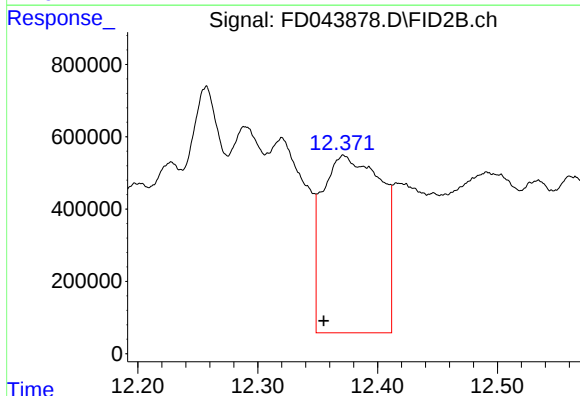
R.T.: 10.637 min
Delta R.T.: 0.009 min
Response: 8977662
Conc: 61.17 ug/ml

Instrument :
FID_D
ClientSampleId :



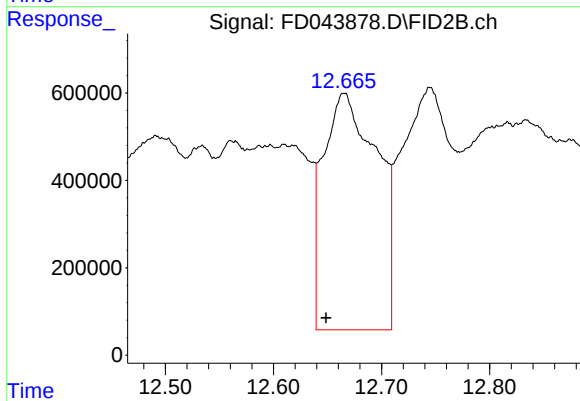
#11 ortho-Terphenyl (SURR)

R.T.: 11.327 min
Delta R.T.: 0.012 min
Response: 14015311
Conc: 75.23 ug/ml



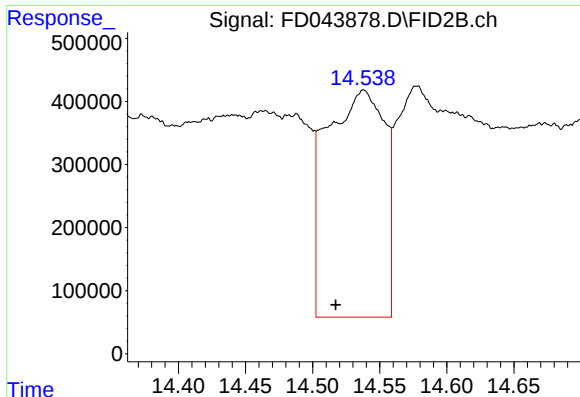
#12 Fluoranthene (C21.85)

R.T.: 12.372 min
Delta R.T.: 0.017 min
Response: 16741264
Conc: 109.15 ug/ml



#13 Pyrene (C20.8)

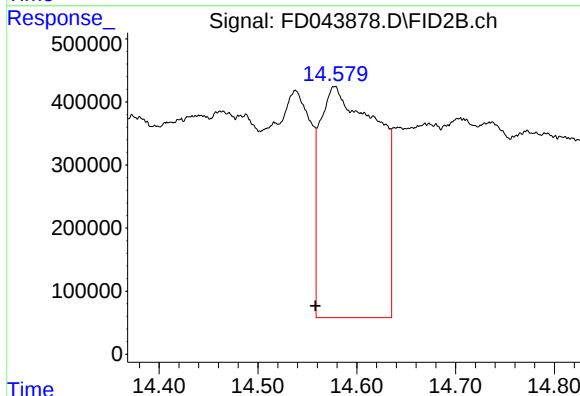
R.T.: 12.665 min
Delta R.T.: 0.017 min
Response: 18661430
Conc: 125.45 ug/ml



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

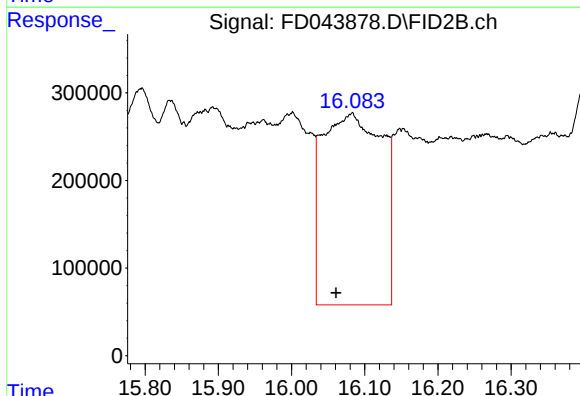
R.T.: 14.538 min
Delta R.T.: 0.021 min
Response: 10860081
Conc: 97.15 ug/ml

Instrument :
FID_D
ClientSampleId :



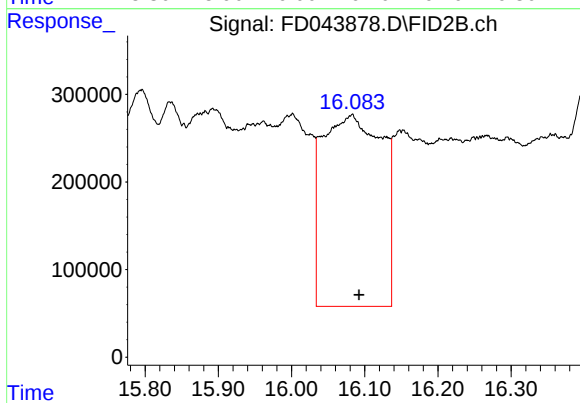
#15 Chrysene (C27.41)

R.T.: 14.578 min
Delta R.T.: 0.019 min
Response: 14979142
Conc: 95.85 ug/ml



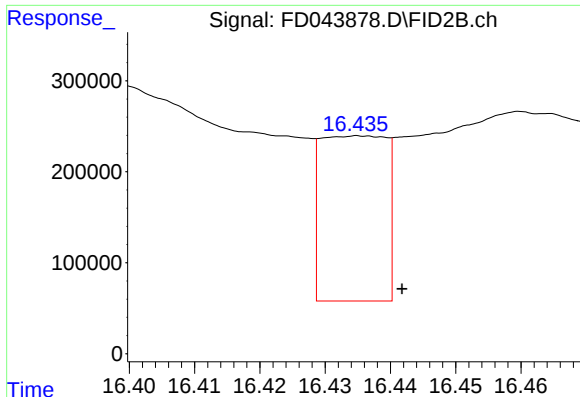
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: 0.022 min
Response: 12435454
Conc: 106.63 ug/ml



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

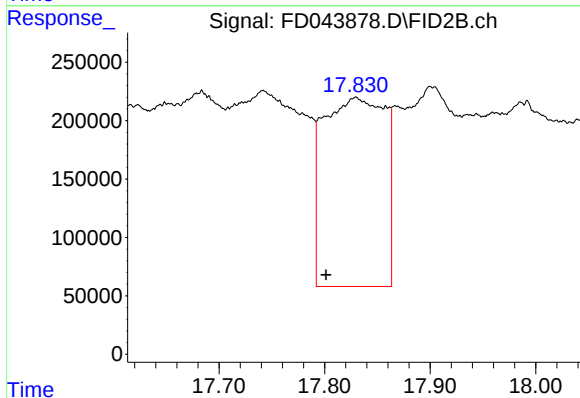
R.T.: 16.083 min
Delta R.T.: -0.010 min
Response: 12435454
Conc: 83.76 ug/ml



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

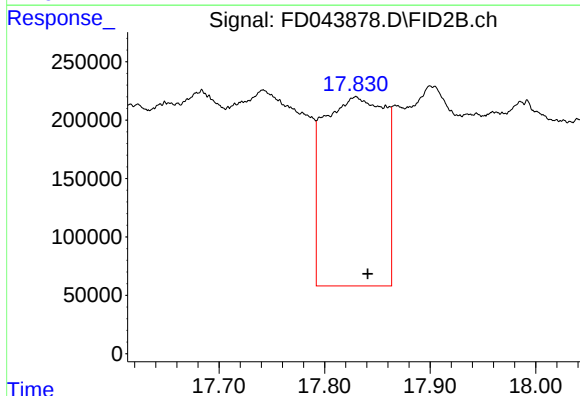
R.T.: 16.436 min
Delta R.T.: -0.006 min
Response: 1255745
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :



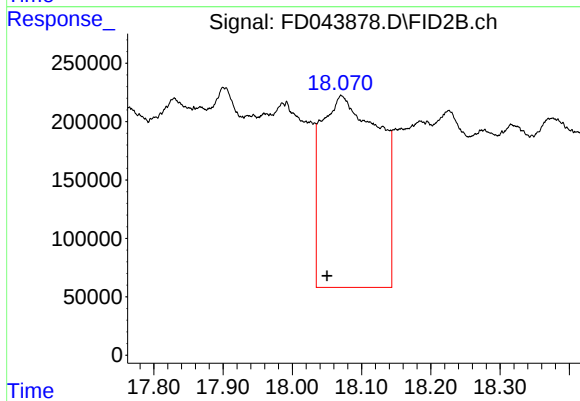
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.028 min
Response: 6560864
Conc: 69.00 ug/ml



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

R.T.: 17.830 min
Delta R.T.: -0.011 min
Response: 6560864
Conc: 54.61 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.021 min
Response: 9552458
Conc: 83.82 ug/ml