

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043881.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 22:20
 Operator : YP/AJ
 Sample : N4581-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Sep 15 04:19:05 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...	7.428	4048571	30.769 ug/ml
Spiked Amount 50.000		Recovery =	61.54%
6) S 2-Fluorobiphenyl (SURR)	8.286	1507006	20.891 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.78%
11) S ortho-Terphenyl (SURR)	11.316	6868194	36.868 ug/ml
Spiked Amount 50.000		Recovery =	73.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.255	1078	0.007 ug/ml
2) T Naphthalene (C11.7)	5.770	5293	0.037 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	21500	0.147 ug/ml
5) T Acenaphthylene (C15.06)	8.090	10063	0.065 ug/ml
7) T Acenaphthene (C15.5)	8.414	161684	0.924 ug/ml
8) T Fluorene (C16.55)	9.150	23019	0.157 ug/ml
9) T Phenanthrene (C19.36)	10.549	17721	0.122 ug/ml
10) T Anthracene (C19.43)	10.616	15199	0.104 ug/ml
12) T Fluoranthene (C21.85)	12.358	12892	0.084 ug/ml
13) T Pyrene (C20.8)	12.647	9966	0.067 ug/ml
14) T Benzo[a]anthracene (C...	14.496	5818	0.052 ug/ml
15) T Chrysene (C27.41)	14.568	27096	0.173 ug/ml
16) T benzo[b]fluoranthene ...	16.057	27861	0.239 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	4030	0.027 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.422	16345	0.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	143139	1.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	143139	1.192 ug/ml
21) T Benzo[g,h,i]perylene ...	18.025	494388	4.338 ug/ml

(f)=RT Delta > 1/2 Window

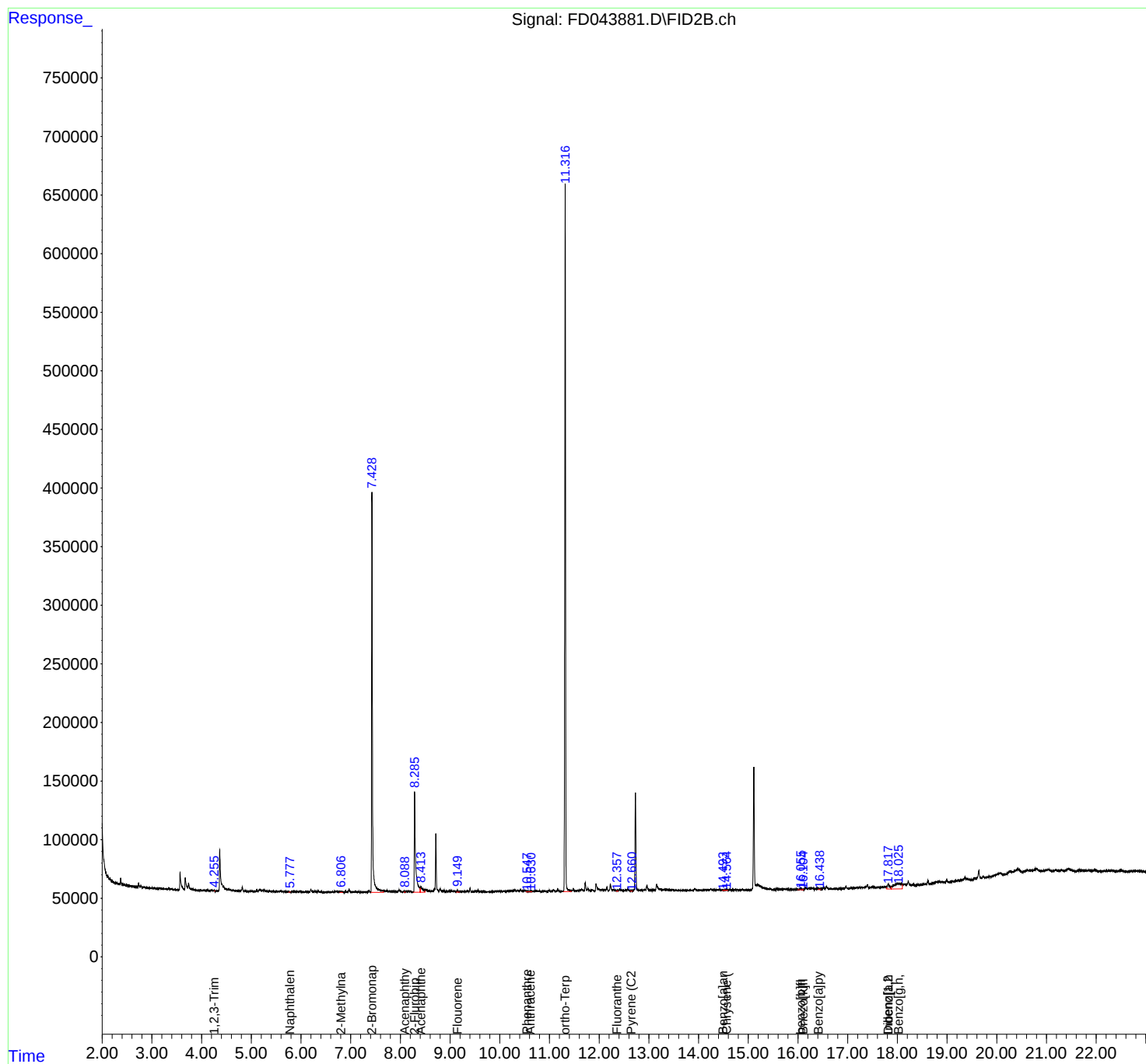
(m)=manual int.

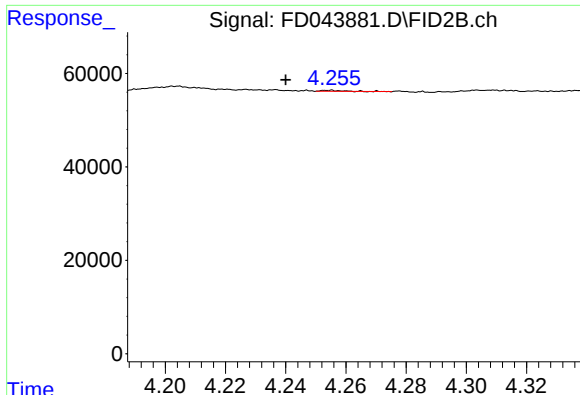
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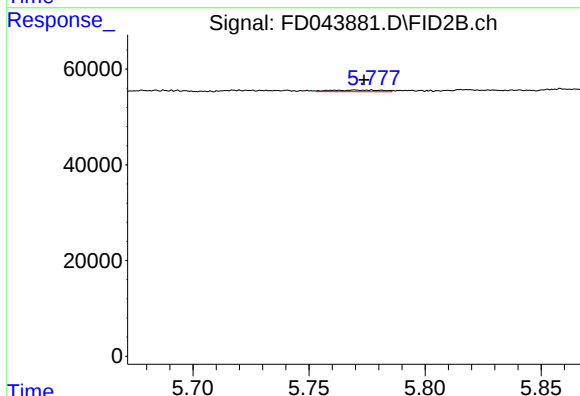




#1 1,2,3-Trimethylbenzene (C10.1)

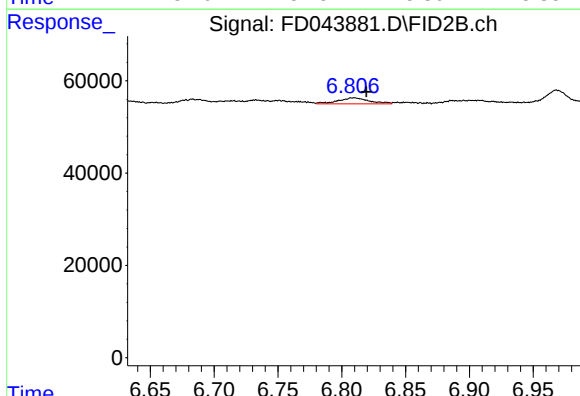
R.T.: 4.255 min
Delta R.T.: 0.015 min
Response: 1078
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



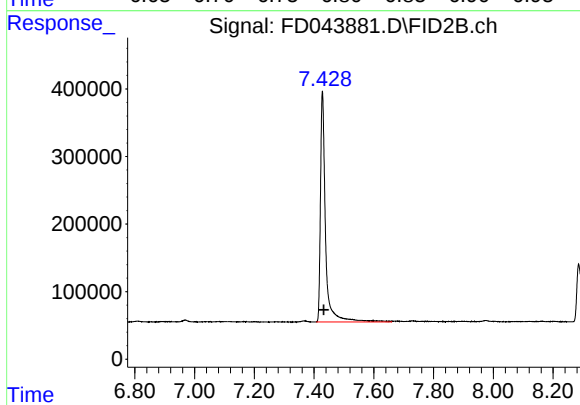
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 5293
Conc: 0.04 ug/ml



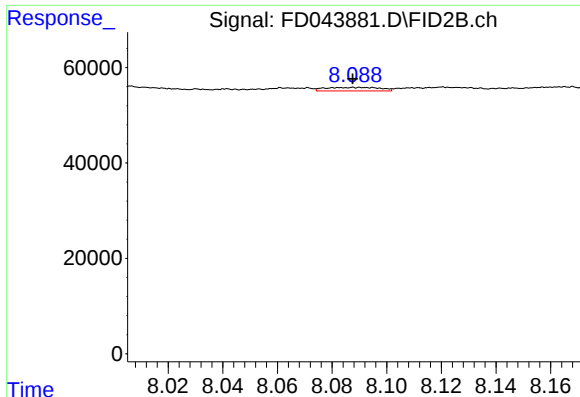
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 21500
Conc: 0.15 ug/ml



#4 2-Bromonaphthalene (SURR)

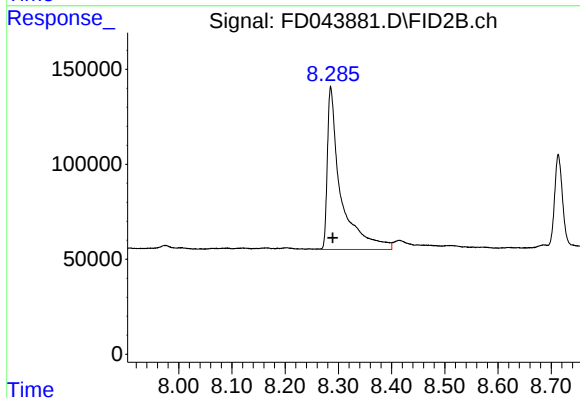
R.T.: 7.428 min
Delta R.T.: -0.004 min
Response: 4048571
Conc: 30.77 ug/ml



#5 Acenaphthylene (C15.06)

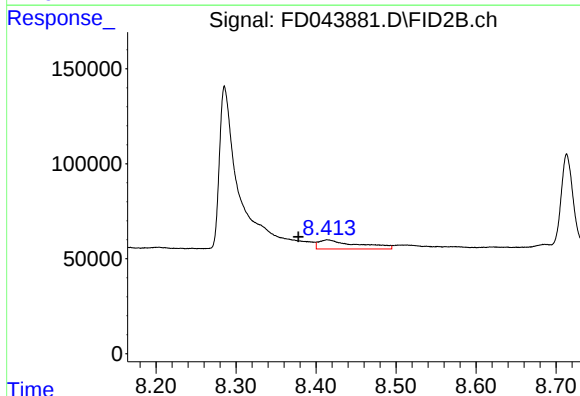
R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 10063
Conc: 0.07 ug/ml

Instrument :
FID_D
ClientSampleId :



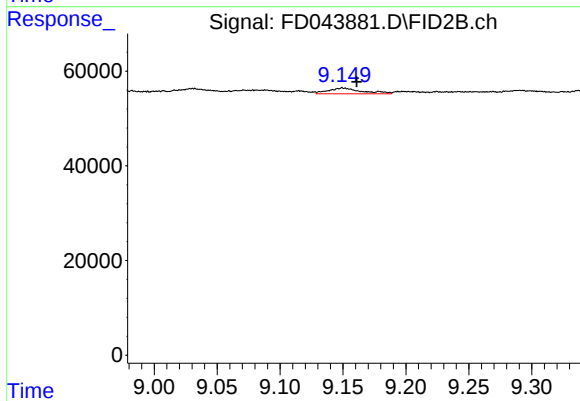
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.286 min
Delta R.T.: -0.003 min
Response: 1507006
Conc: 20.89 ug/ml



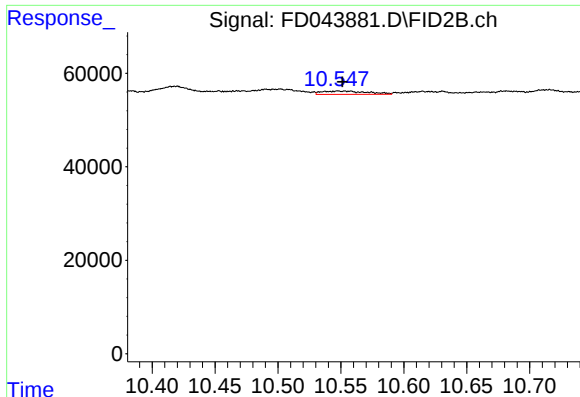
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.036 min
Response: 161684
Conc: 0.92 ug/ml



#8 Flouorene (C16.55)

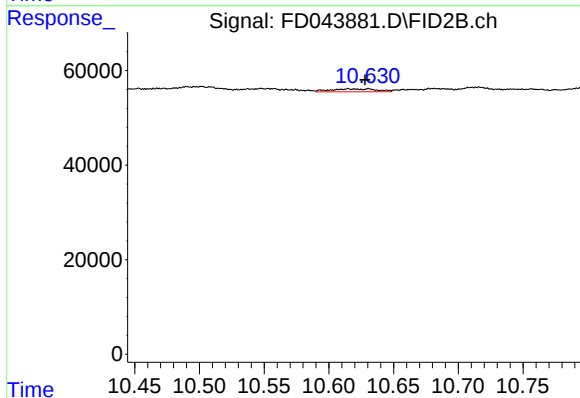
R.T.: 9.150 min
Delta R.T.: -0.011 min
Response: 23019
Conc: 0.16 ug/ml



#9 Phenanthrene (C19.36)

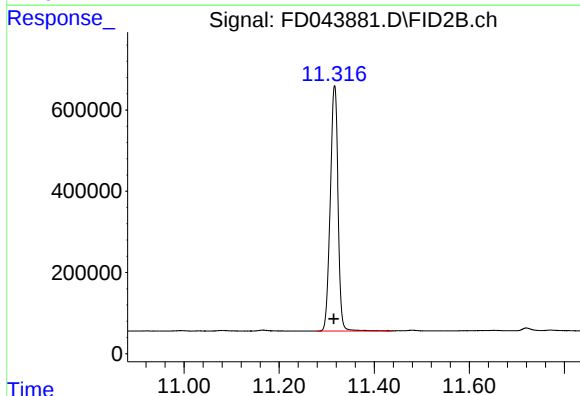
R.T.: 10.549 min
Delta R.T.: -0.002 min
Response: 17721
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



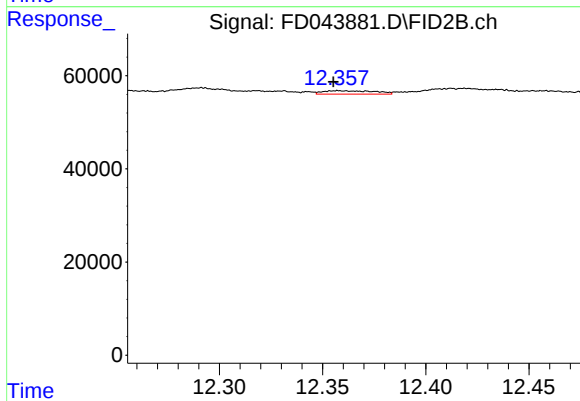
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: -0.012 min
Response: 15199
Conc: 0.10 ug/ml



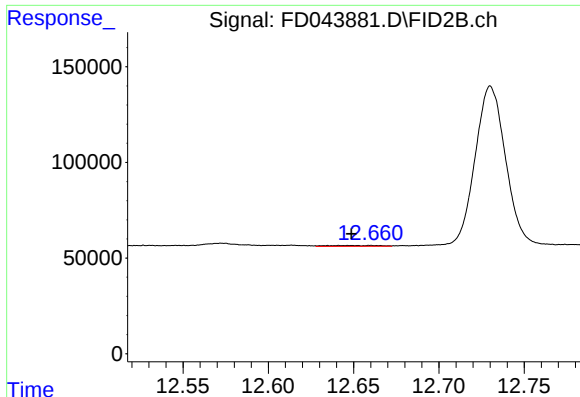
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.002 min
Response: 6868194
Conc: 36.87 ug/ml



#12 Fluoranthene (C21.85)

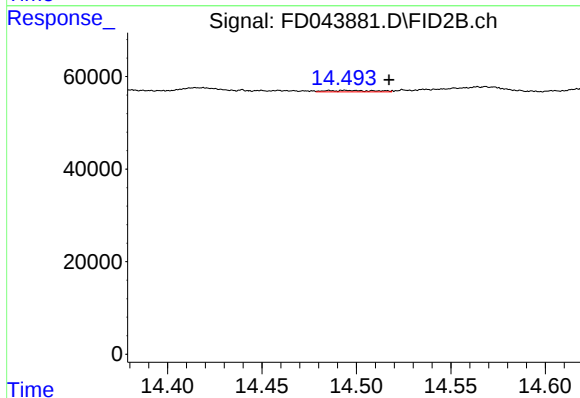
R.T.: 12.358 min
Delta R.T.: 0.003 min
Response: 12892
Conc: 0.08 ug/ml



#13 Pyrene (C20.8)

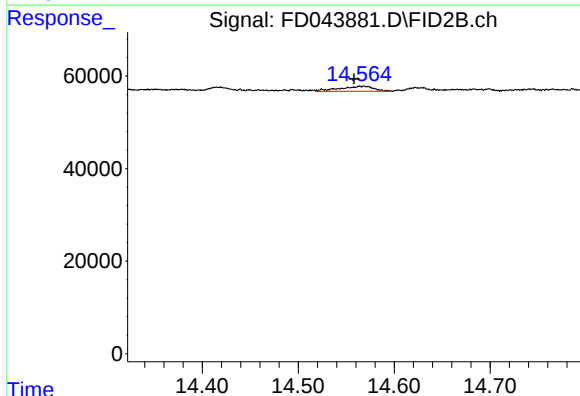
R.T.: 12.647 min
Delta R.T.: -0.001 min
Response: 9966
Conc: 0.07 ug/ml

Instrument :
FID_D
ClientSampleId :



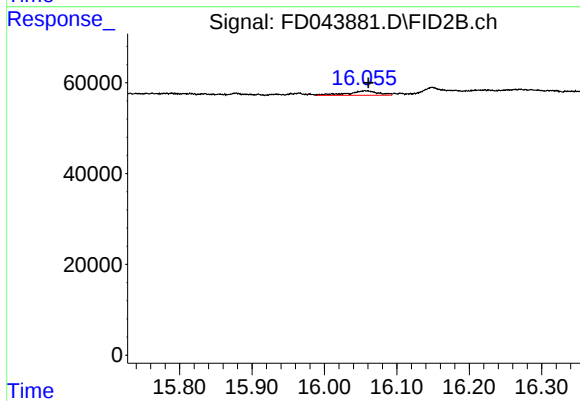
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: -0.021 min
Response: 5818
Conc: 0.05 ug/ml



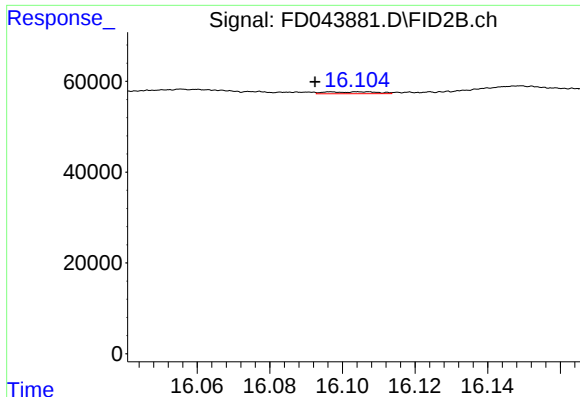
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: 0.010 min
Response: 27096
Conc: 0.17 ug/ml



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

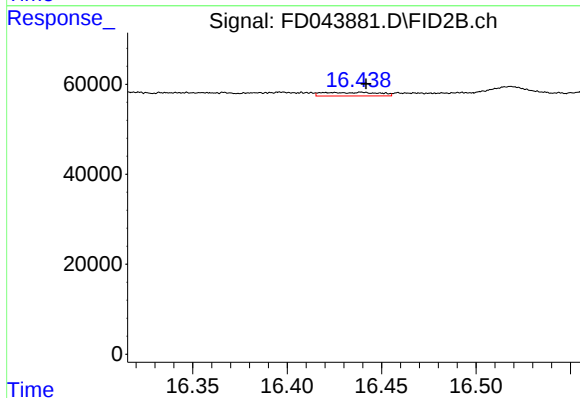
R.T.: 16.057 min
Delta R.T.: -0.004 min
Response: 27861
Conc: 0.24 ug/ml



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

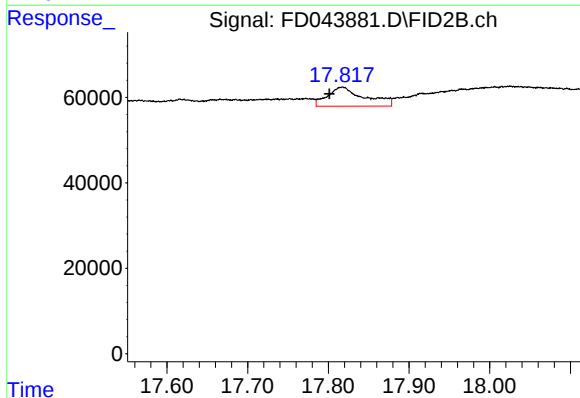
R.T.: 16.105 min
Delta R.T.: 0.012 min
Response: 4030
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



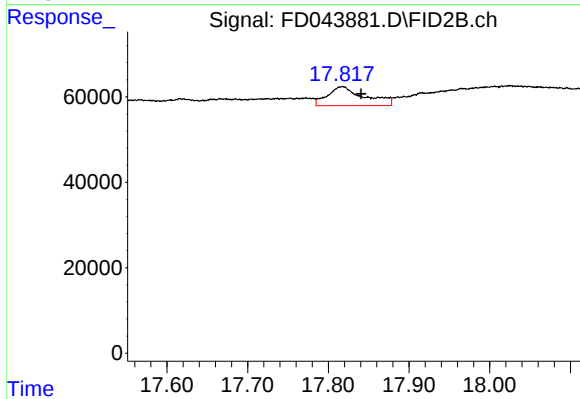
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: -0.020 min
Response: 16345
Conc: 0.13 ug/ml



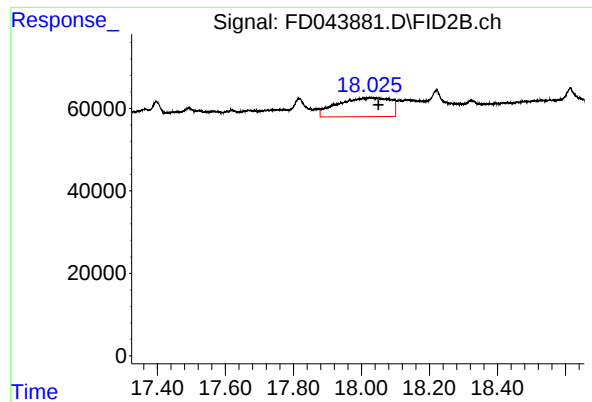
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: 0.016 min
Response: 143139
Conc: 1.51 ug/ml



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

R.T.: 17.817 min
Delta R.T.: -0.024 min
Response: 143139
Conc: 1.19 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.025 min
Response: 494388
Conc: 4.34 ug/ml

Instrument :
FID_D
ClientSampleId :