

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043880.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 21:34
 Operator : YP/AJ
 Sample : N4581-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Sep 15 04:18:45 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	6024615	45.787 ug/ml
Spiked Amount 50.000		Recovery =	91.57%
6) S 2-Fluorobiphenyl (SURR)	8.284	1839631	25.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.00%
11) S ortho-Terphenyl (SURR)	11.318	8021124	43.057 ug/ml
Spiked Amount 50.000		Recovery =	86.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.234	3581	0.024 ug/ml
2) T Naphthalene (C11.7)	5.773	4293	0.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	17888	0.122 ug/ml
5) T Acenaphthylene (C15.06)	8.085	17120	0.111 ug/ml
7) T Acenaphthene (C15.5)	8.415	100481	0.574 ug/ml
8) T Flouorene (C16.55)	9.149	31896	0.217 ug/ml
9) T Phenanthrene (C19.36)	10.554	25130	0.174 ug/ml
10) T Anthracene (C19.43)	10.619	12277	0.084 ug/ml
12) T Fluoranthene (C21.85)	12.364	14975	0.098 ug/ml
13) T Pyrene (C20.8)	12.660	2807	0.019 ug/ml
14) T Benzo[a]anthracene (C...	14.512	2508	0.022 ug/ml
15) T Chrysene (C27.41)	14.570	28284	0.181 ug/ml
16) T benzo[b]fluoranthene ...	16.056	18484	0.158 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	2473	0.017 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.442	8782	0.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	147935	1.556 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	147935	1.231 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	155813	1.367 ug/ml

(f)=RT Delta > 1/2 Window

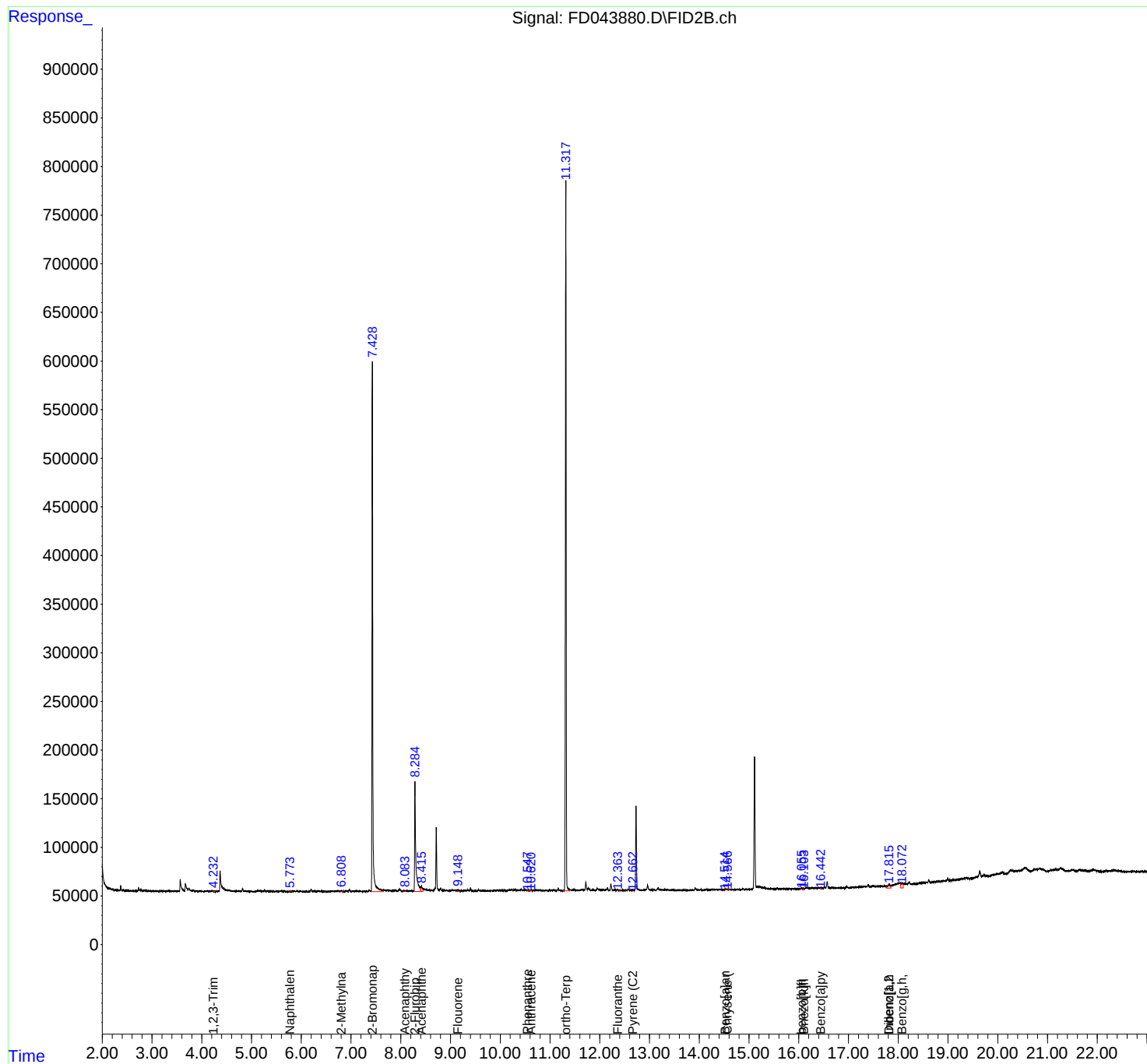
(m)=manual int.

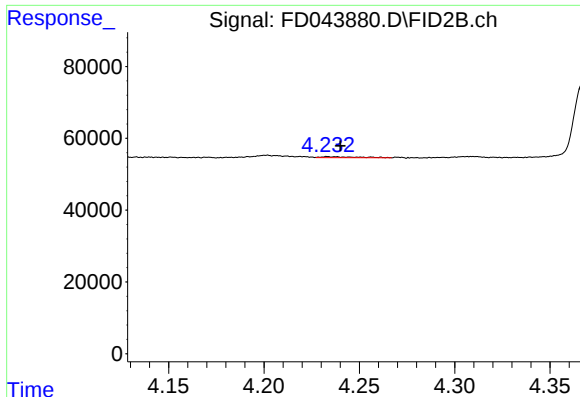
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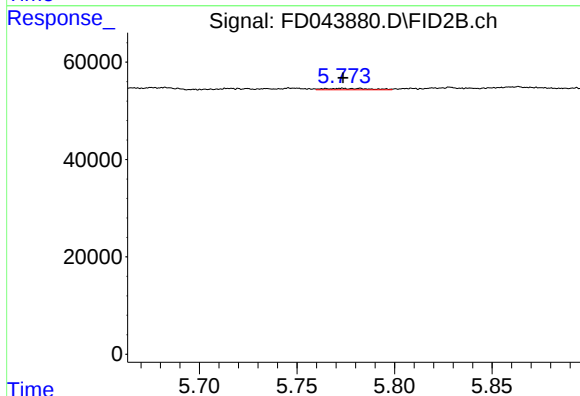




#1 1,2,3-Trimethylbenzene (C10.1)

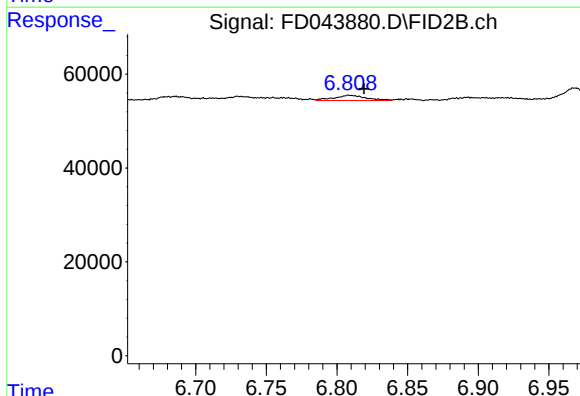
R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 3581
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



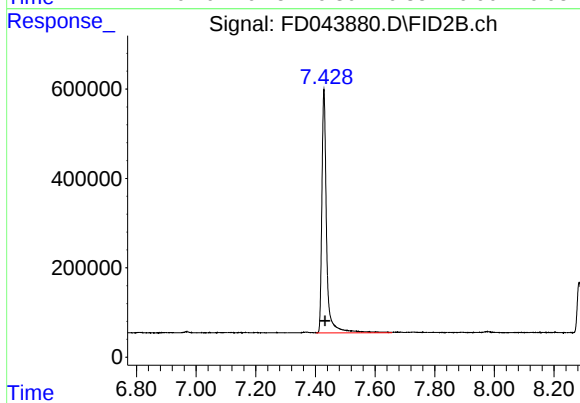
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 4293
Conc: 0.03 ug/ml



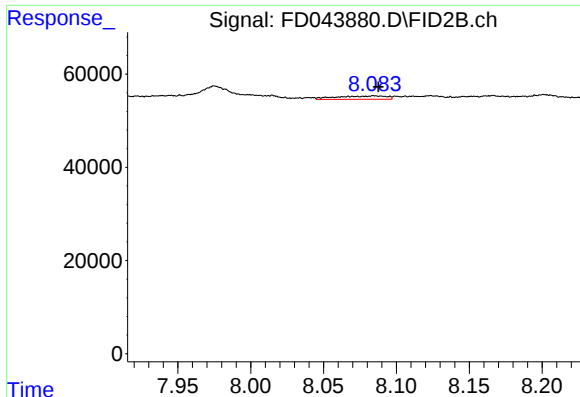
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 17888
Conc: 0.12 ug/ml



#4 2-Bromonaphthalene (SURR)

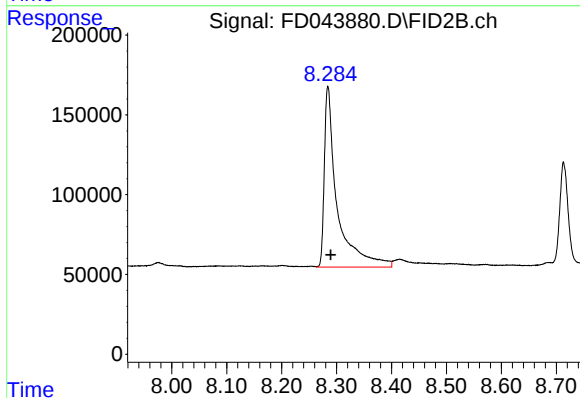
R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 6024615
Conc: 45.79 ug/ml



#5 Acenaphthylene (C15.06)

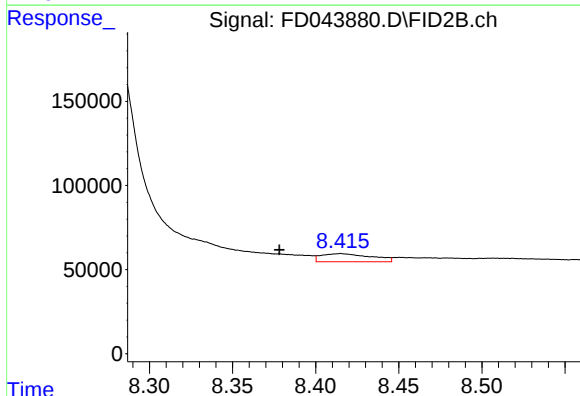
R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 17120
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



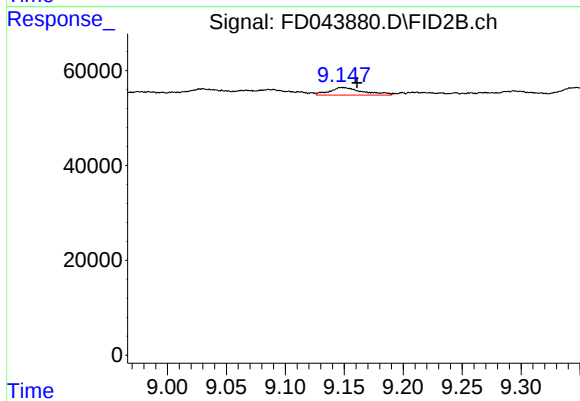
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 1839631
Conc: 25.50 ug/ml



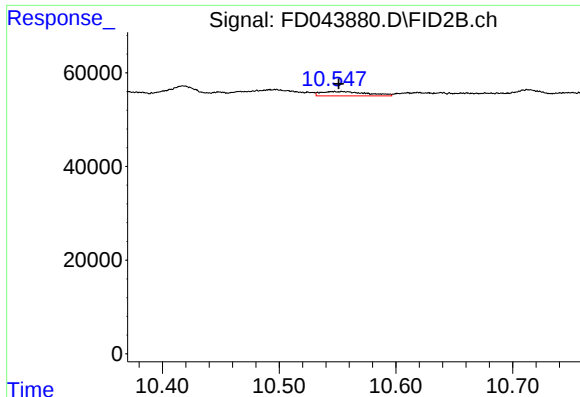
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.037 min
Response: 100481
Conc: 0.57 ug/ml



#8 Fluorene (C16.55)

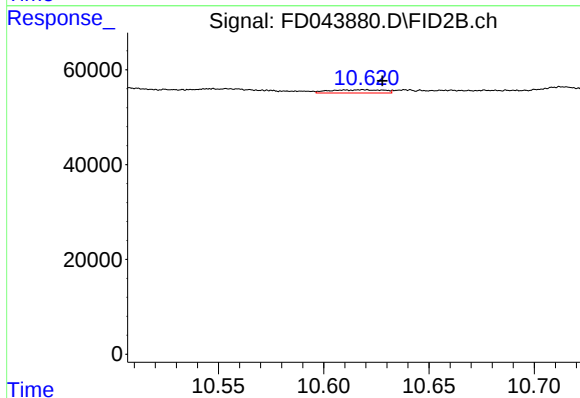
R.T.: 9.149 min
Delta R.T.: -0.012 min
Response: 31896
Conc: 0.22 ug/ml



#9 Phenanthrene (C19.36)

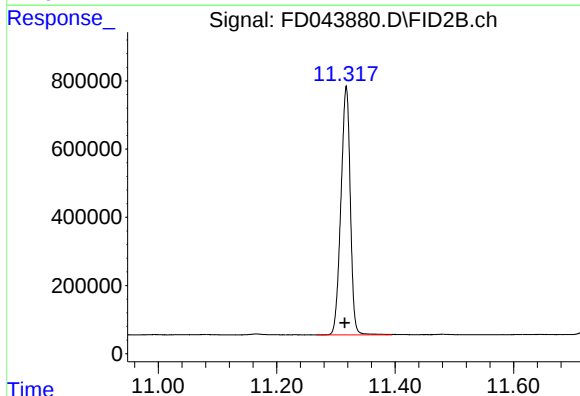
R.T.: 10.554 min
Delta R.T.: 0.003 min
Response: 25130
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



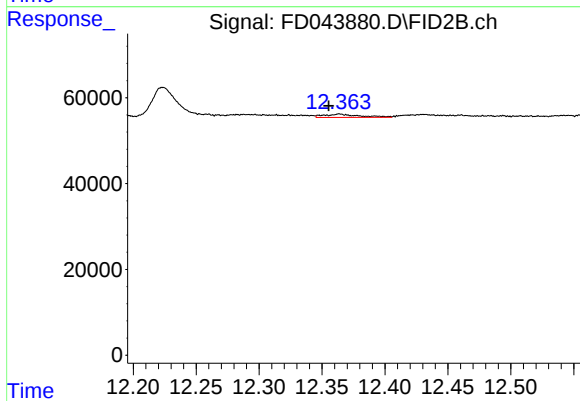
#10 Anthracene (C19.43)

R.T.: 10.619 min
Delta R.T.: -0.009 min
Response: 12277
Conc: 0.08 ug/ml



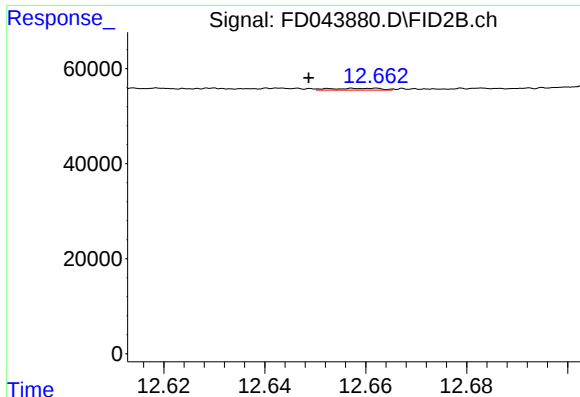
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: 0.003 min
Response: 8021124
Conc: 43.06 ug/ml



#12 Fluoranthene (C21.85)

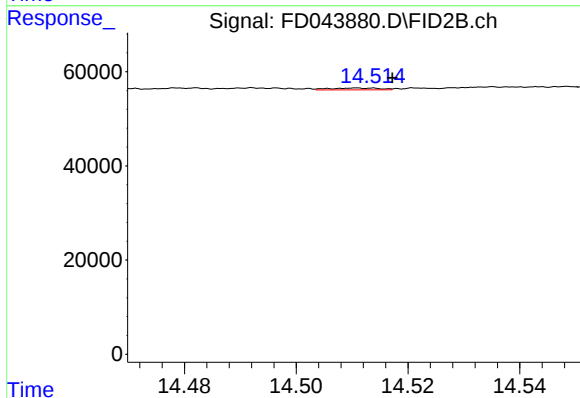
R.T.: 12.364 min
Delta R.T.: 0.009 min
Response: 14975
Conc: 0.10 ug/ml



#13 Pyrene (C20.8)

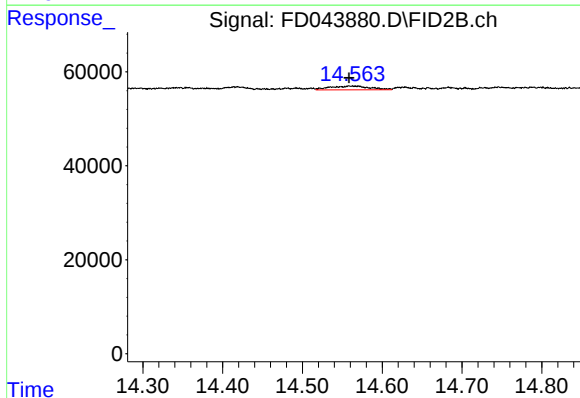
R.T.: 12.660 min
Delta R.T.: 0.012 min
Response: 2807
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



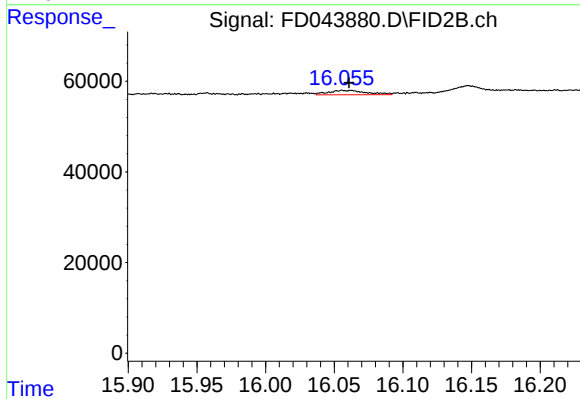
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.512 min
Delta R.T.: -0.006 min
Response: 2508
Conc: 0.02 ug/ml



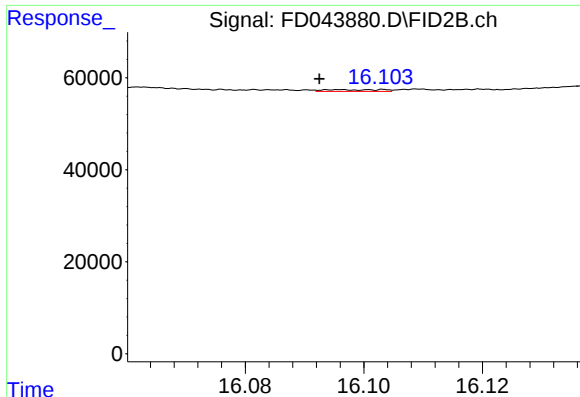
#15 Chrysene (C27.41)

R.T.: 14.570 min
Delta R.T.: 0.011 min
Response: 28284
Conc: 0.18 ug/ml



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

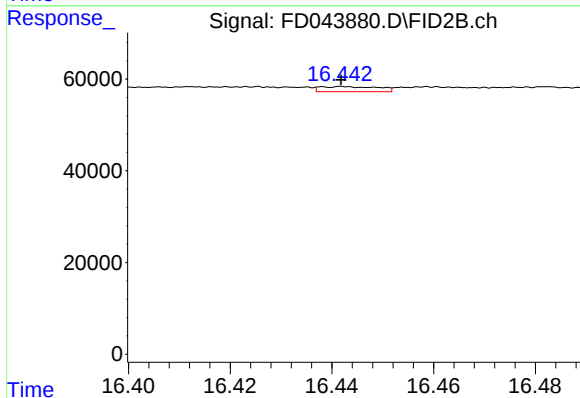
R.T.: 16.056 min
Delta R.T.: -0.005 min
Response: 18484
Conc: 0.16 ug/ml



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

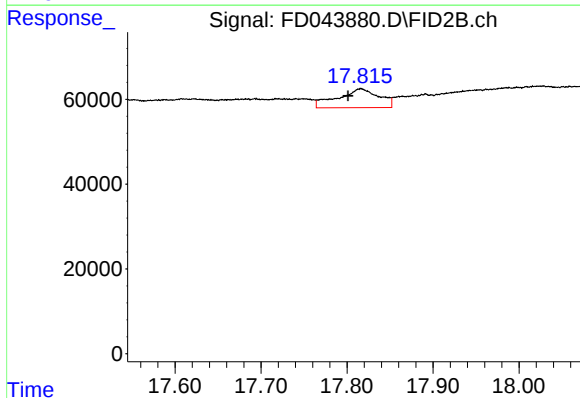
R.T.: 16.096 min
Delta R.T.: 0.004 min
Response: 2473
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



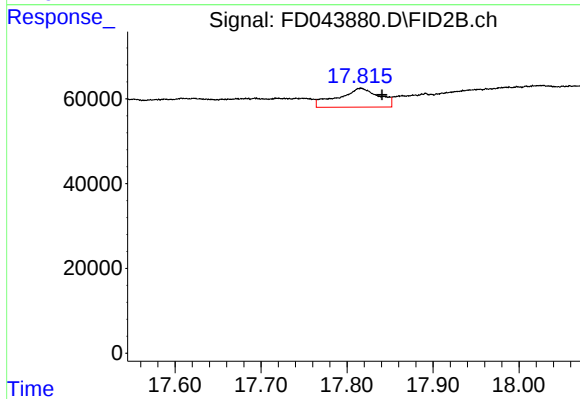
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 8782
Conc: 0.07 ug/ml



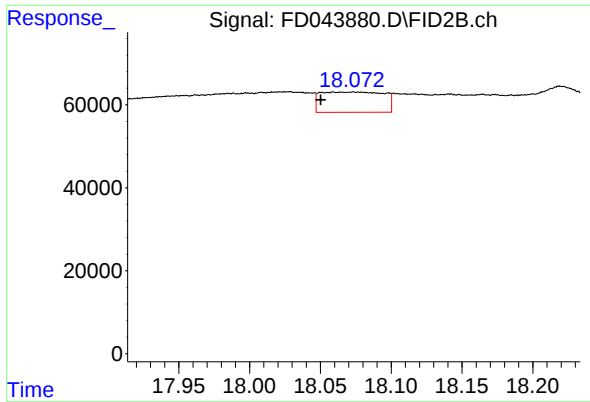
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.015 min
Response: 147935
Conc: 1.56 ug/ml



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

R.T.: 17.816 min
Delta R.T.: -0.025 min
Response: 147935
Conc: 1.23 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.024 min
Response: 155813
Conc: 1.37 ug/ml

Instrument :
FID_D
ClientSampleId :