

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082522AR\
 Data File : FD043747.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2022 12:52
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 25 16:58:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.465	20018	0.116 ug/ml
Spiked Amount 50.000		Recovery =	0.23%
6) S 2-Fluorobiphenyl (SURR)	8.329	14940	0.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	0.30%
11) S ortho-Terphenyl (SURR)	11.375	10266	0.049 ug/ml
Spiked Amount 50.000		Recovery =	0.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.265	1474	0.007 ug/ml
2) T Naphthalene (C11.7)	5.789	16963	0.084 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	12100	0.067 ug/ml
5) T Acenaphthylene (C15.06)	8.118	20120	0.101 ug/ml
7) T Acenaphthene (C15.5)	8.400	19825	0.092 ug/ml
8) T Flouorene (C16.55)	9.173	18039	0.094 ug/ml
9) T Phenanthrene (C19.36)	10.592	4810	0.027 ug/ml
10) T Anthracene (C19.43)	10.690	6503	0.033 ug/ml
12) T Fluoranthene (C21.85)	12.379	8978	0.049 ug/ml
13) T Pyrene (C20.8)	12.690	7591	0.041 ug/ml
14) T Benzo[a]anthracene (C...	14.541	11332	0.079 ug/ml
15) T Chrysene (C27.41)	14.614	9543	0.049 ug/ml
16) T benzo[b]fluoranthene ...	16.094	8357	0.058 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	7199	0.042 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	10069	0.069 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	20725	0.200 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	20725	0.147 ug/ml

(f)=RT Delta > 1/2 Window

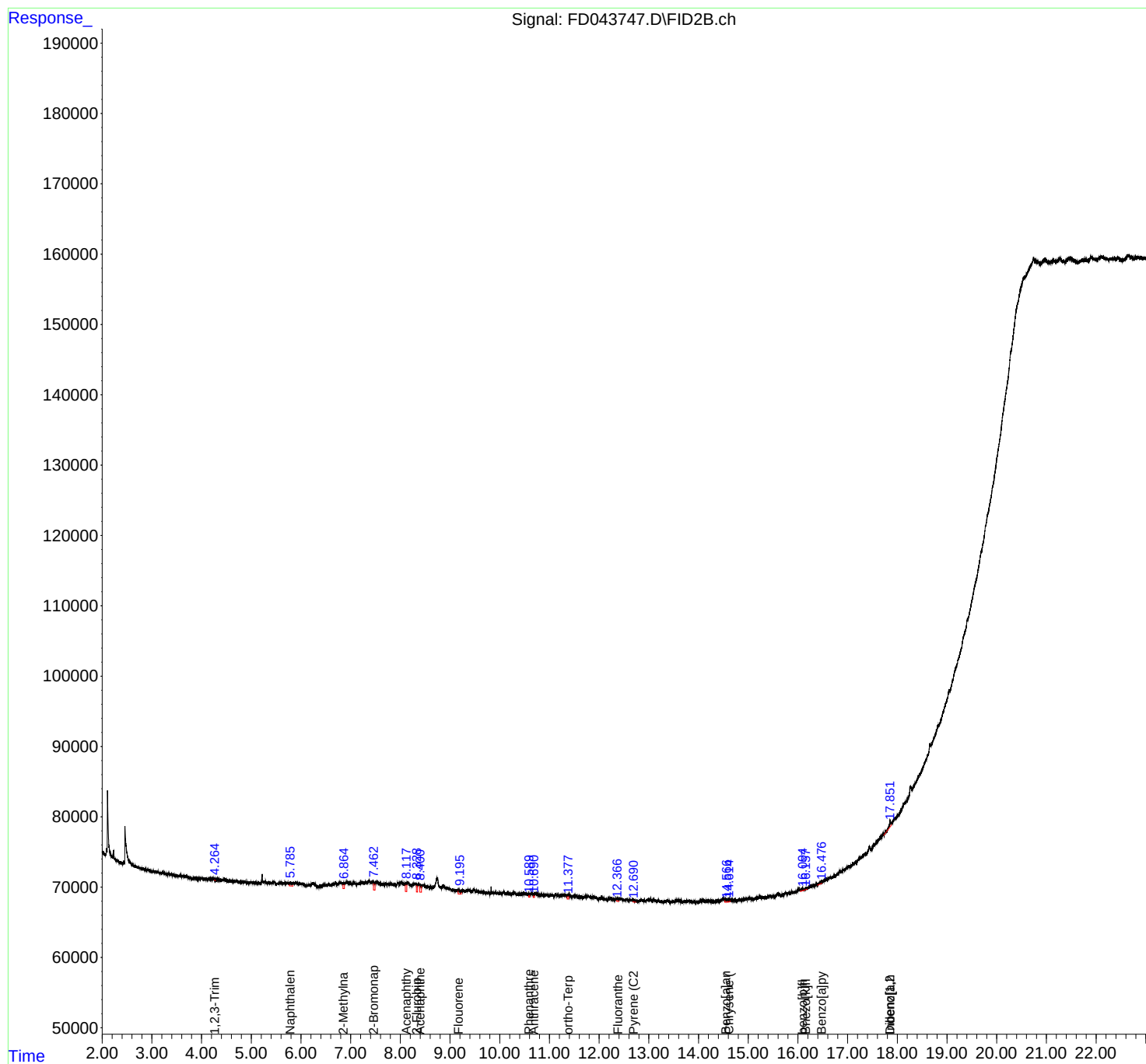
(m)=manual int.

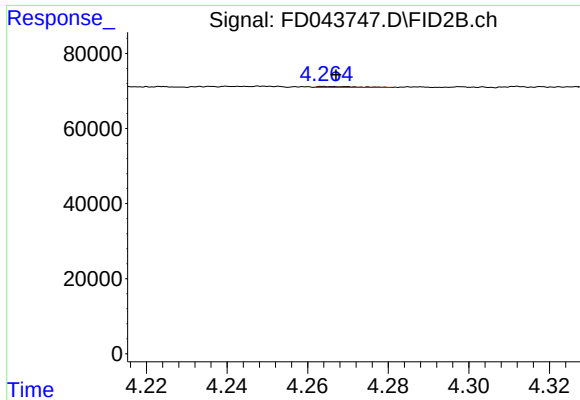
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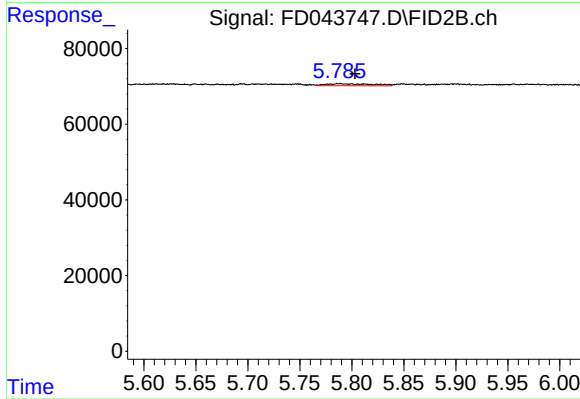




#1 1,2,3-Trimethylbenzene (C10.1)

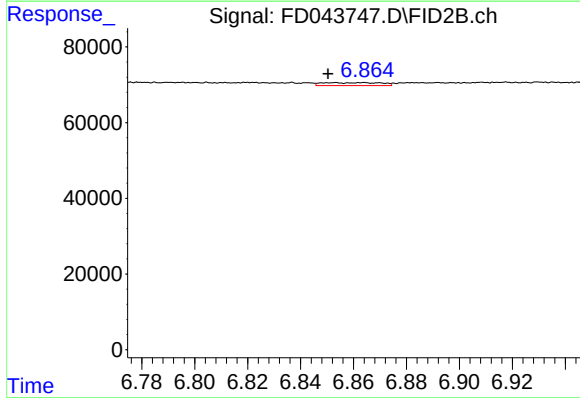
R.T.: 4.265 min
Delta R.T.: -0.002 min
Response: 1474
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



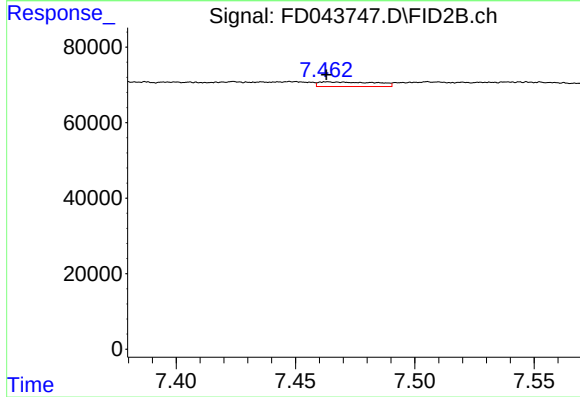
#2 Naphthalene (C11.7)

R.T.: 5.789 min
Delta R.T.: -0.014 min
Response: 16963
Conc: 0.08 ug/ml



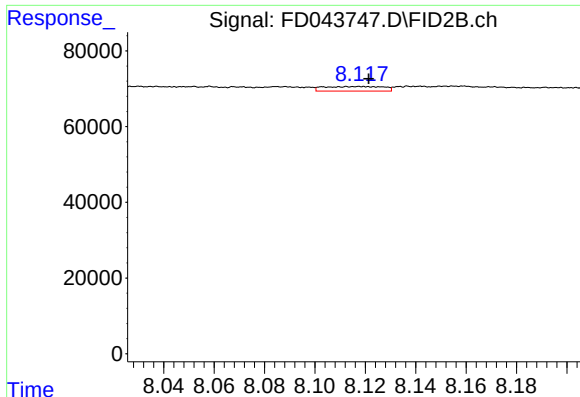
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: 0.003 min
Response: 12100
Conc: 0.07 ug/ml



#4 2-Bromonaphthalene (SURR)

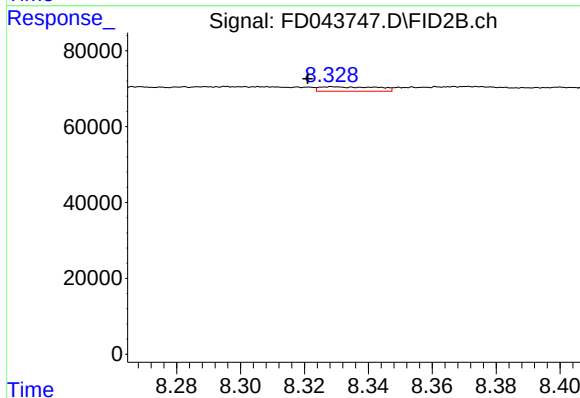
R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 20018
Conc: 0.12 ug/ml



#5 Acenaphthylene (C15.06)

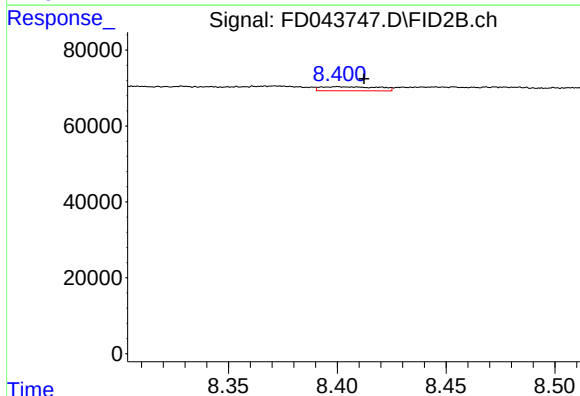
R.T.: 8.118 min
Delta R.T.: -0.004 min
Response: 20120
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



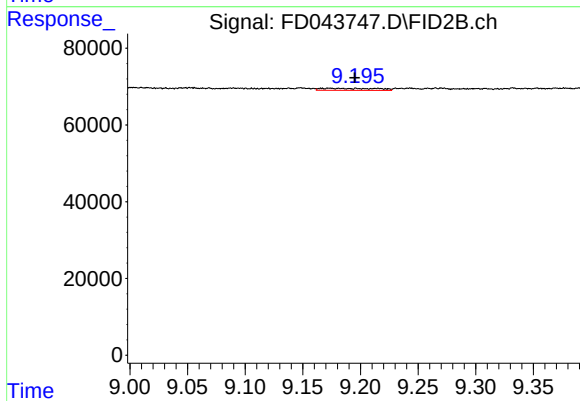
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.008 min
Response: 14940
Conc: 0.15 ug/ml



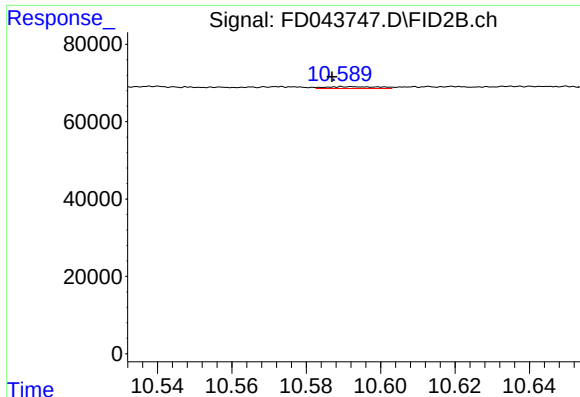
#7 Acenaphthene (C15.5)

R.T.: 8.400 min
Delta R.T.: -0.012 min
Response: 19825
Conc: 0.09 ug/ml



#8 Flouorene (C16.55)

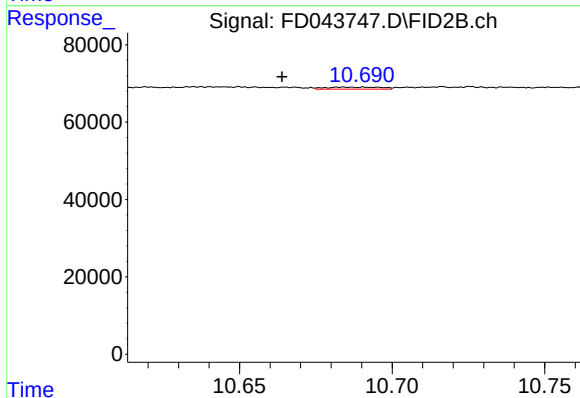
R.T.: 9.173 min
Delta R.T.: -0.022 min
Response: 18039
Conc: 0.09 ug/ml



#9 Phenanthrene (C19.36)

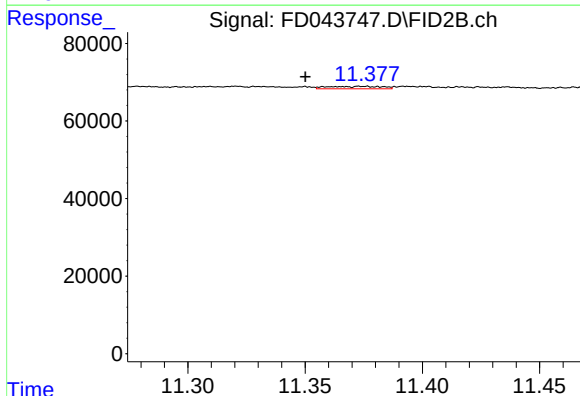
R.T.: 10.592 min
Delta R.T.: 0.005 min
Response: 4810
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



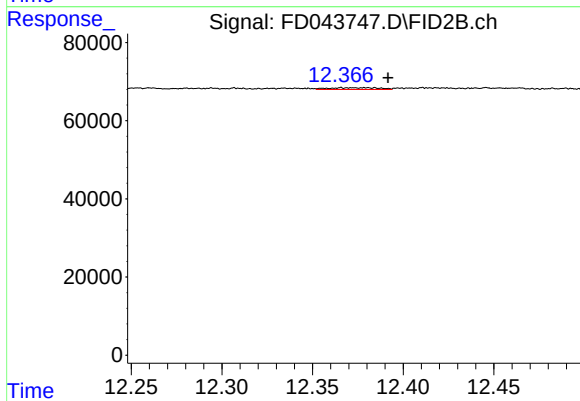
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.026 min
Response: 6503
Conc: 0.03 ug/ml



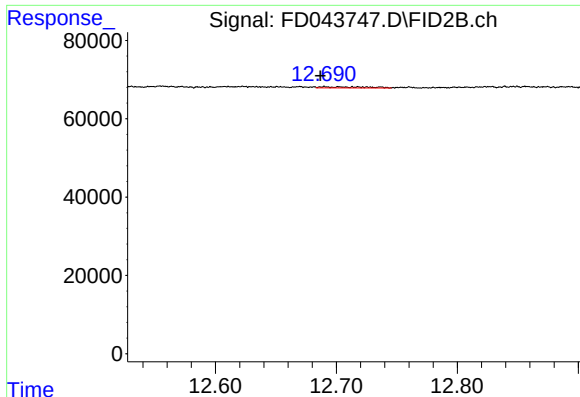
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.025 min
Response: 10266
Conc: 0.05 ug/ml



#12 Fluoranthene (C21.85)

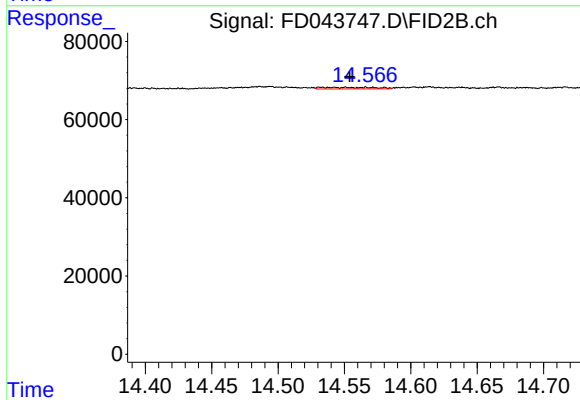
R.T.: 12.379 min
Delta R.T.: -0.013 min
Response: 8978
Conc: 0.05 ug/ml



#13 Pyrene (C20.8)

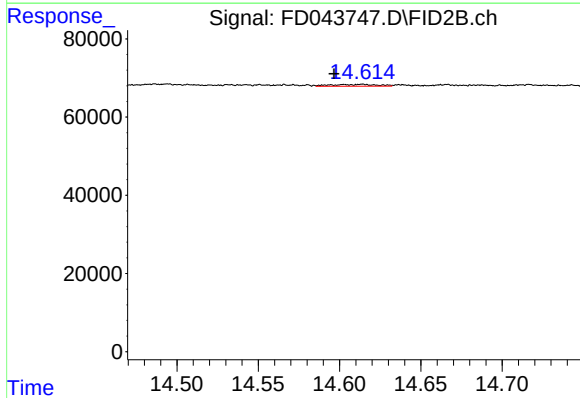
R.T.: 12.690 min
Delta R.T.: 0.003 min
Response: 7591
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



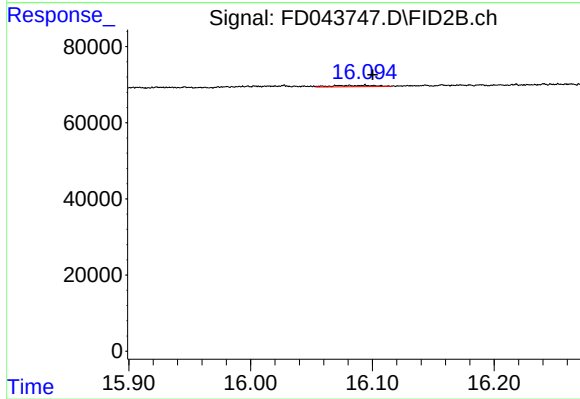
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.013 min
Response: 11332
Conc: 0.08 ug/ml



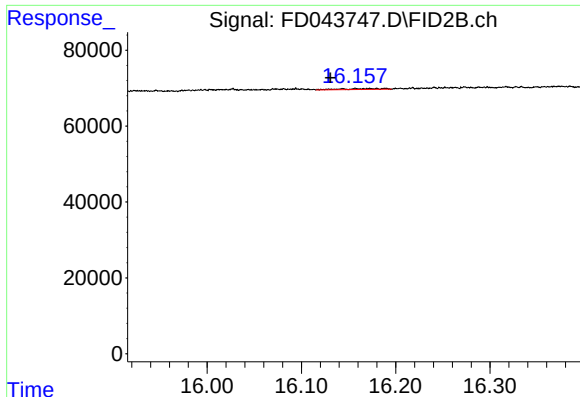
#15 Chrysene (C27.41)

R.T.: 14.614 min
Delta R.T.: 0.017 min
Response: 9543
Conc: 0.05 ug/ml



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

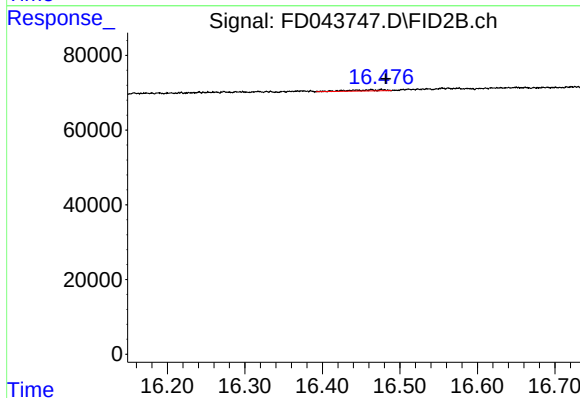
R.T.: 16.094 min
Delta R.T.: -0.006 min
Response: 8357
Conc: 0.06 ug/ml



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

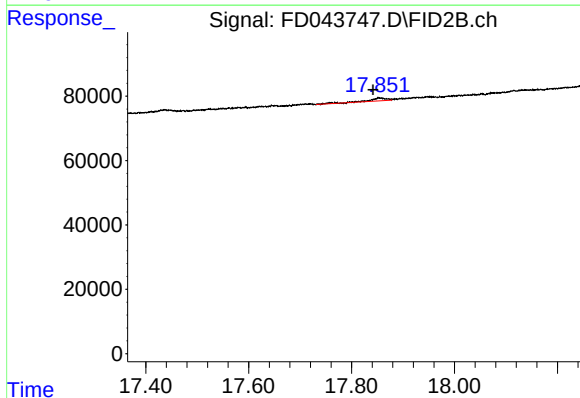
R.T.: 16.158 min
Delta R.T.: 0.027 min
Response: 7199
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



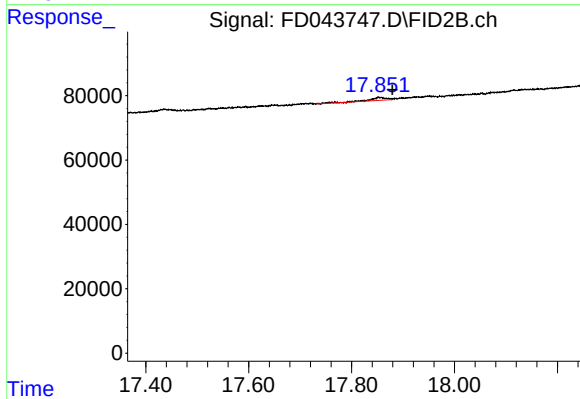
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: -0.005 min
Response: 10069
Conc: 0.07 ug/ml



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

R.T.: 17.854 min
Delta R.T.: 0.012 min
Response: 20725
Conc: 0.20 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.025 min
Response: 20725
Conc: 0.15 ug/ml