

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042130.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 9:42
 Operator : UA/NP
 Sample : N2528-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Apr 27 12:24:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.331	6798170	48.500 ug/ml
Spiked Amount 50.000		Recovery =	97.00%
6) S 2-Fluorobiphenyl (SURR)	8.178	4418672	62.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.03%
11) S ortho-Terphenyl (SURR)	11.207	6342779	36.593 ug/ml
Spiked Amount 50.000		Recovery =	73.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	2636	0.017 ug/ml
2) T Naphthalene (C11.7)	5.700	7845	0.050 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	18744	0.130 ug/ml
5) T Acenaphthylene (C15.06)	8.002	23280	0.141 ug/ml
8) T Flouorene (C16.55)	9.066	25247	0.166 ug/ml
9) T Phenanthrene (C19.36)	10.427	9070	0.061 ug/ml
10) T Anthracene (C19.43)	10.523	8766	0.052 ug/ml
12) T Fluoranthene (C21.85)	12.273	9242	0.059 ug/ml
13) T Pyrene (C20.8)	12.527	4608	0.028 ug/ml
14) T Benzo[a]anthracene (C...	14.400	4110	0.034 ug/ml
15) T Chrysene (C27.41)	14.461	11109	0.061 ug/ml
16) T benzo[b]fluoranthene ...	15.986	17693	0.135 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	17693	0.102 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	9120	0.062 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.702	40308	0.404 ug/ml
20) T Dibenz[a,h]anthracene...	17.753	47512	0.303 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	6764	0.049 ug/ml

(f)=RT Delta > 1/2 Window

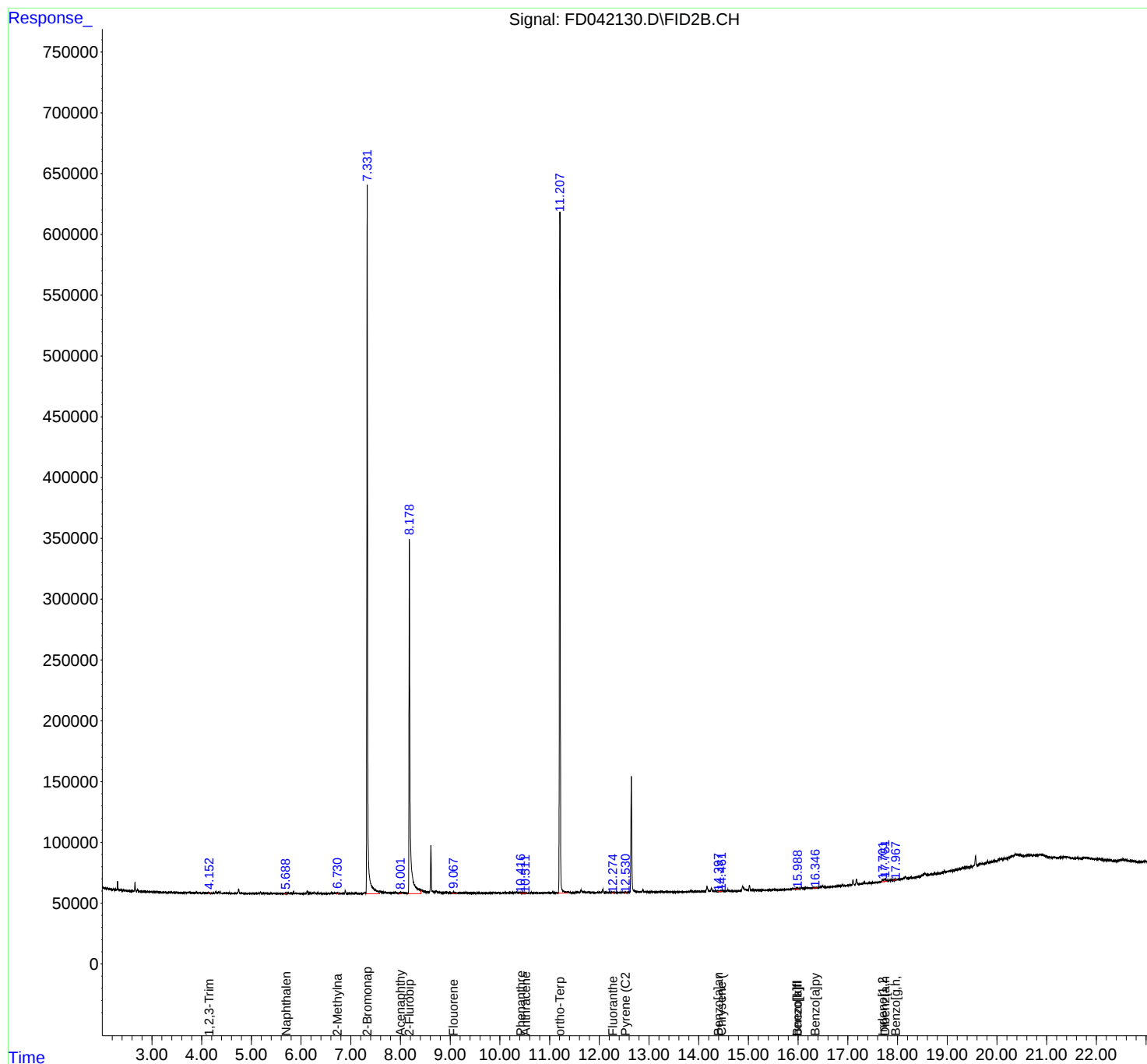
(m)=manual int.

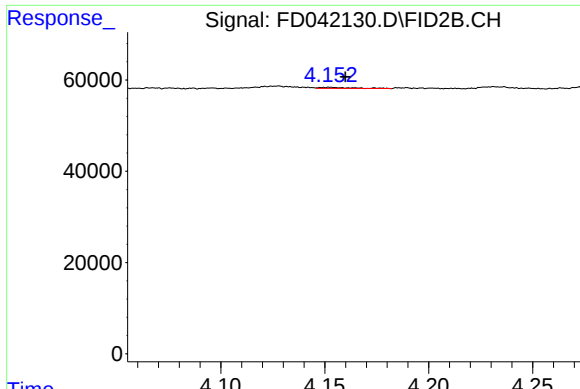
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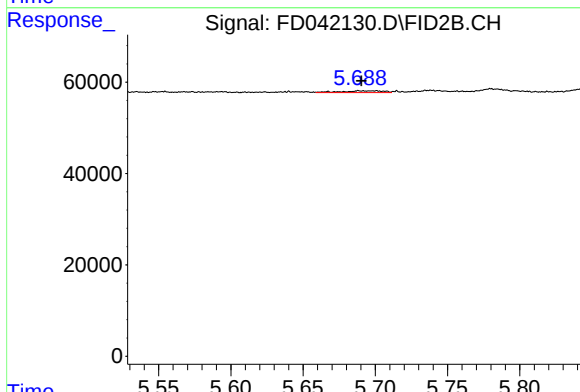




#1 1,2,3-Trimethylbenzene (C10.1)

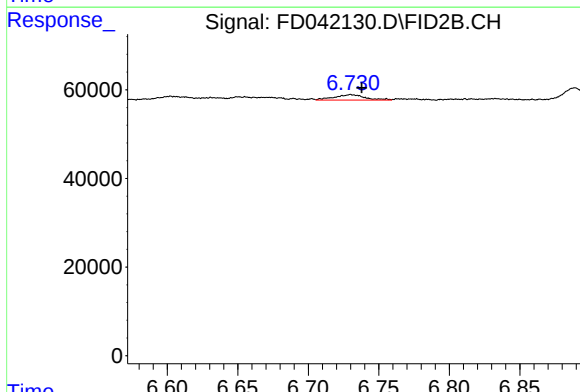
R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 2636
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



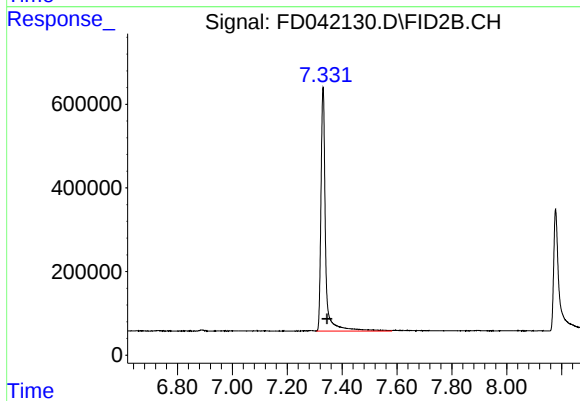
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 7845
Conc: 0.05 ug/ml



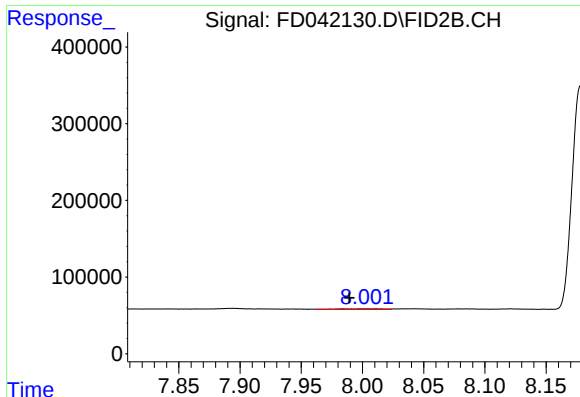
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.007 min
Response: 18744
Conc: 0.13 ug/ml



#4 2-Bromonaphthalene (SURR)

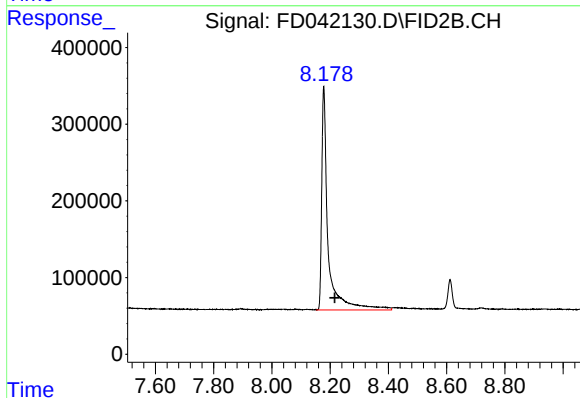
R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 6798170
Conc: 48.50 ug/ml



#5 Acenaphthylene (C15.06)

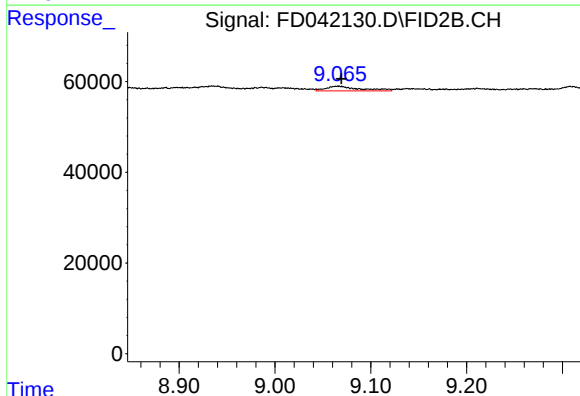
R.T.: 8.002 min
Delta R.T.: 0.012 min
Response: 23280
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



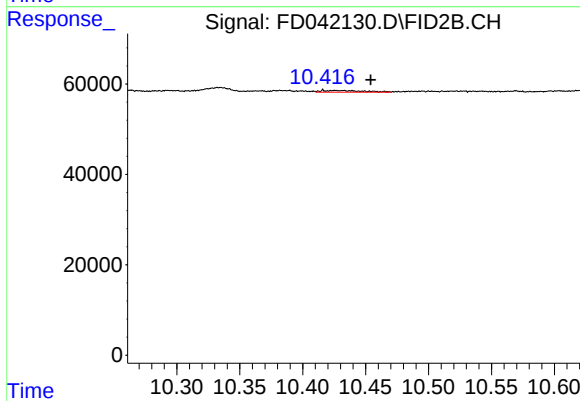
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.178 min
Delta R.T.: -0.037 min
Response: 4418672
Conc: 62.01 ug/ml



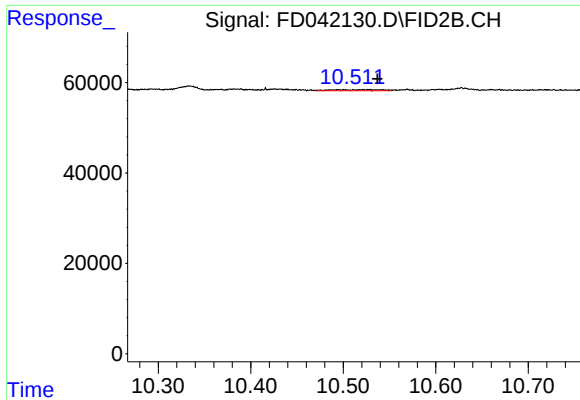
#8 Flouorene (C16.55)

R.T.: 9.066 min
Delta R.T.: -0.004 min
Response: 25247
Conc: 0.17 ug/ml



#9 Phenanthrene (C19.36)

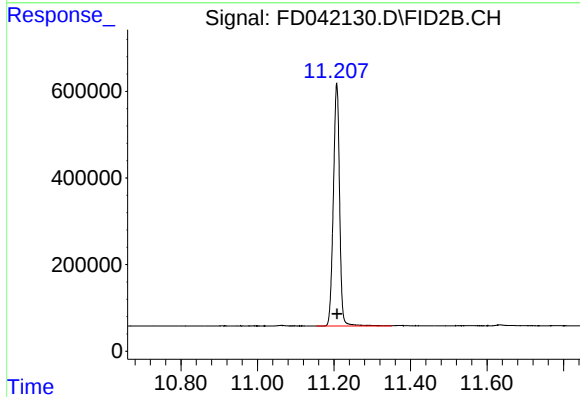
R.T.: 10.427 min
Delta R.T.: -0.027 min
Response: 9070
Conc: 0.06 ug/ml



#10 Anthracene (C19.43)

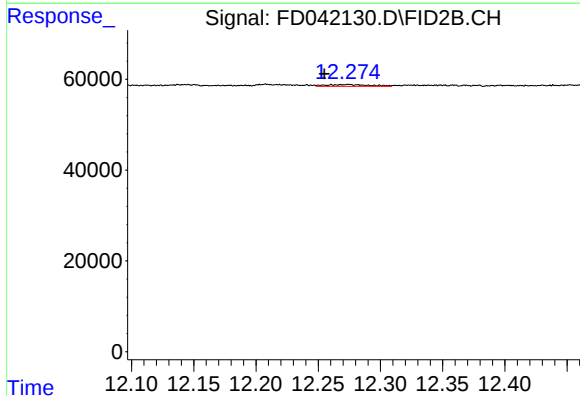
R.T.: 10.523 min
Delta R.T.: -0.014 min
Response: 8766
Conc: 0.05 ug/ml

Instrument :
FID_D
ClientSampleId :



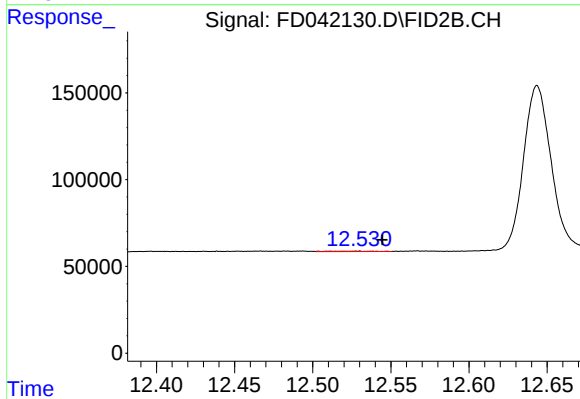
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 6342779
Conc: 36.59 ug/ml



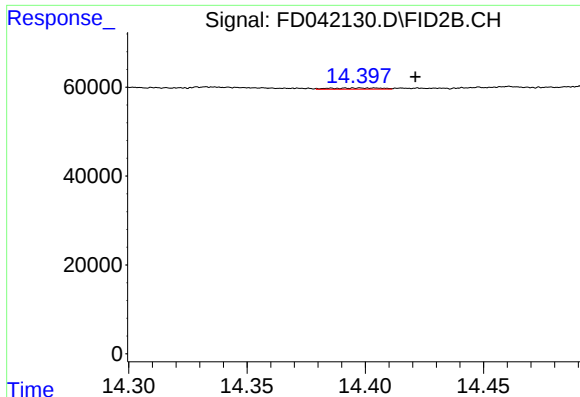
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: 0.019 min
Response: 9242
Conc: 0.06 ug/ml



#13 Pyrene (C20.8)

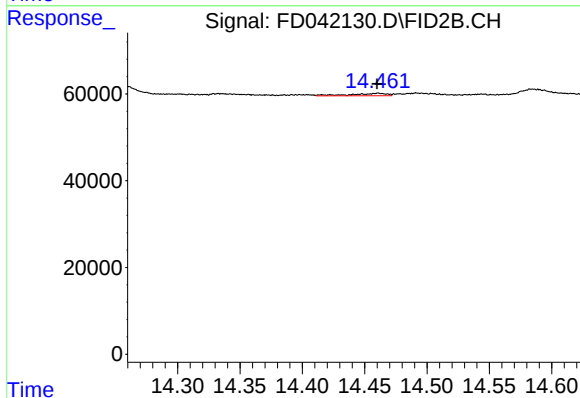
R.T.: 12.527 min
Delta R.T.: -0.017 min
Response: 4608
Conc: 0.03 ug/ml



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

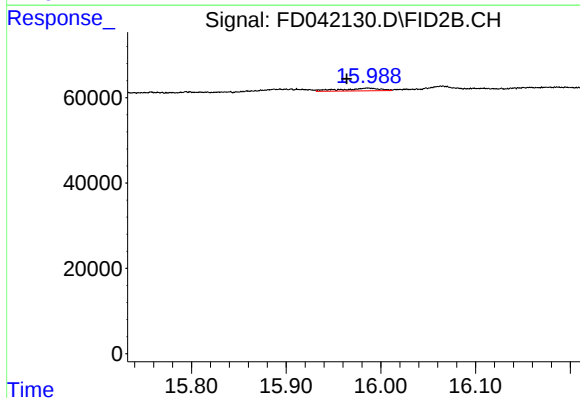
R.T.: 14.400 min
Delta R.T.: -0.022 min
Response: 4110
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



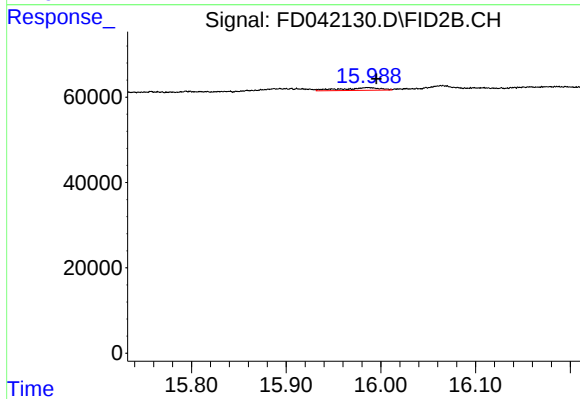
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: 0.000 min
Response: 11109
Conc: 0.06 ug/ml



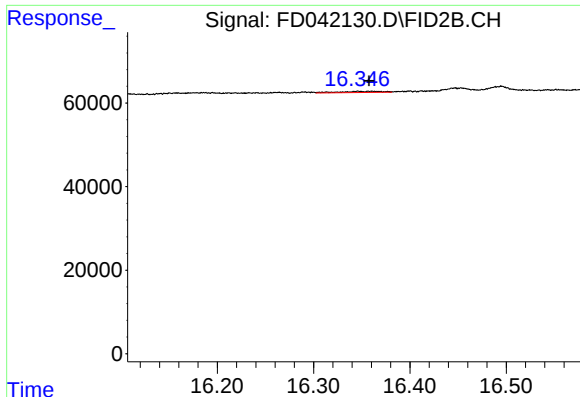
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min
Delta R.T.: 0.022 min
Response: 17693
Conc: 0.13 ug/ml



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

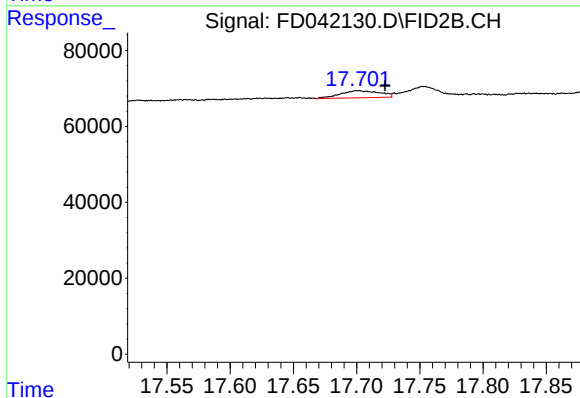
R.T.: 15.986 min
Delta R.T.: -0.009 min
Response: 17693
Conc: 0.10 ug/ml



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

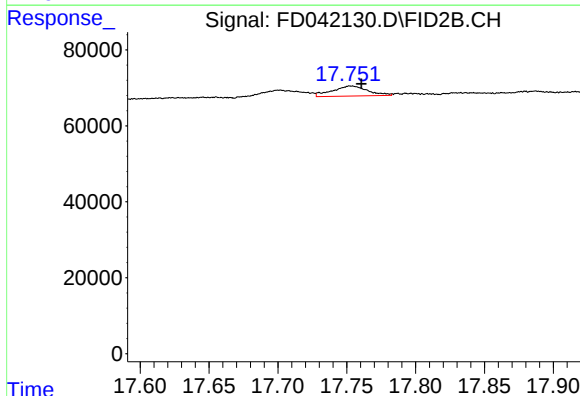
R.T.: 16.346 min
Delta R.T.: -0.012 min
Response: 9120
Conc: 0.06 ug/ml

Instrument :
FID_D
ClientSampleId :



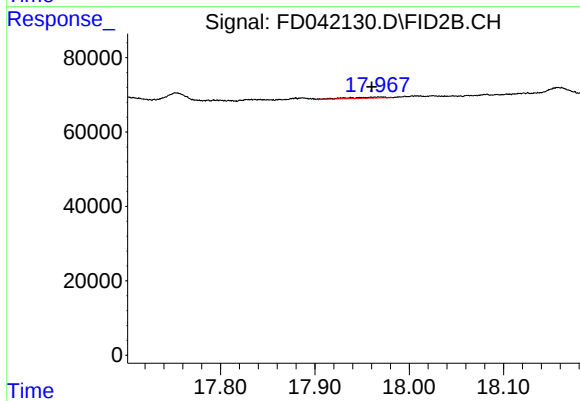
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.702 min
Delta R.T.: -0.021 min
Response: 40308
Conc: 0.40 ug/ml



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

R.T.: 17.753 min
Delta R.T.: -0.007 min
Response: 47512
Conc: 0.30 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.009 min
Response: 6764
Conc: 0.05 ug/ml