

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042131.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 10:20
 Operator : UA/NP
 Sample : I.BLK
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Apr 27 12:24:31 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...	7.320	8715	0.062 ug/ml
Spiked Amount 50.000		Recovery =	0.12%
6) S 2-Fluorobiphenyl (SURR)	8.199	2217	0.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	0.06%
11) S ortho-Terphenyl (SURR)	11.213	9388	0.054 ug/ml
Spiked Amount 50.000		Recovery =	0.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.164	1020	0.007 ug/ml
2) T Naphthalene (C11.7)	5.676	2166	0.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	2578	0.018 ug/ml
5) T Acenaphthylene (C15.06)	7.947	8869	0.054 ug/ml
7) T Acenaphthene (C15.5)	8.278	2702	0.014 ug/ml
8) T Flouorene (C16.55)	9.079	2414	0.016 ug/ml
9) T Phenanthrene (C19.36)	10.471	8794	0.059 ug/ml
10) T Anthracene (C19.43)	10.601	6271	0.037 ug/ml
12) T Fluoranthene (C21.85)	12.212	19642	0.125 ug/ml
13) T Pyrene (C20.8)	12.522	2459	0.015 ug/ml
15) T Chrysene (C27.41)	14.493	53223	0.290 ug/ml
16) T benzo[b]fluoranthene ...	15.989	42254	0.322 ug/ml
17) T Bnezo[k]fluoranthene ...	15.989	42254	0.244 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	6853	0.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	48410	0.485 ug/ml
20) T Dibenzo[a,h]anthracene...	17.753	48410	0.308 ug/ml
21) T Benzo[g,h,i]perylene ...	18.018f	20304	0.147 ug/ml

(f)=RT Delta > 1/2 Window

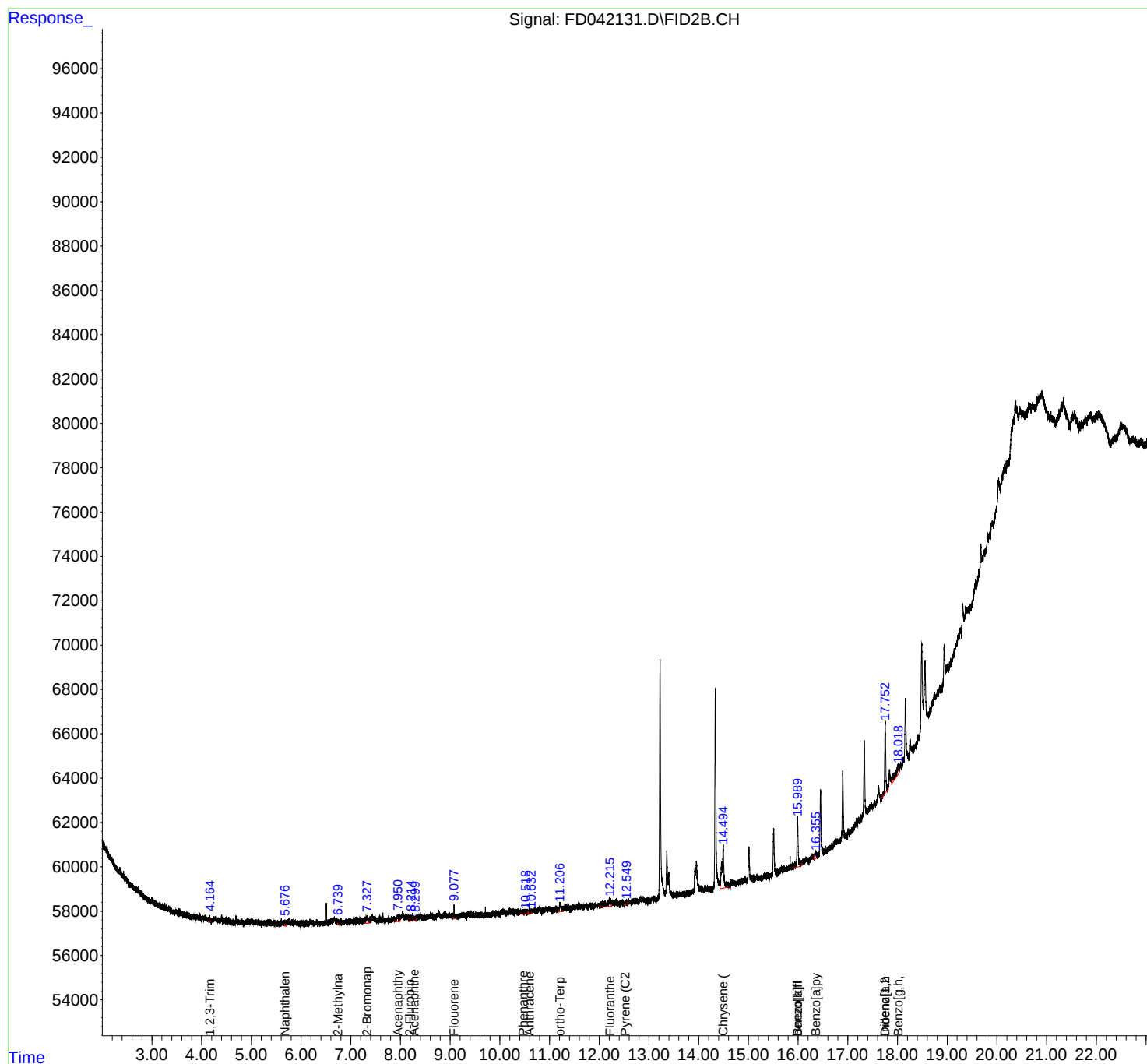
(m)=manual int.

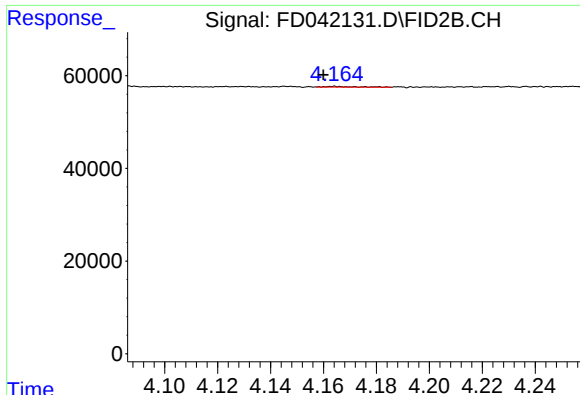
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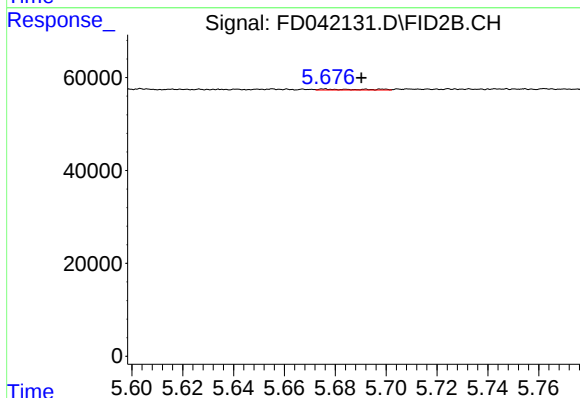




#1 1,2,3-Trimethylbenzene (C10.1)

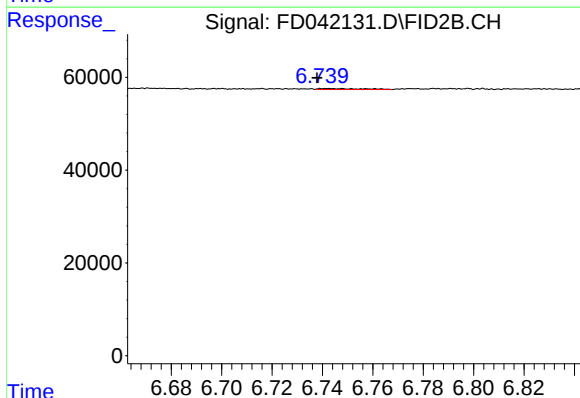
R.T.: 4.164 min
Delta R.T.: 0.004 min
Response: 1020
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



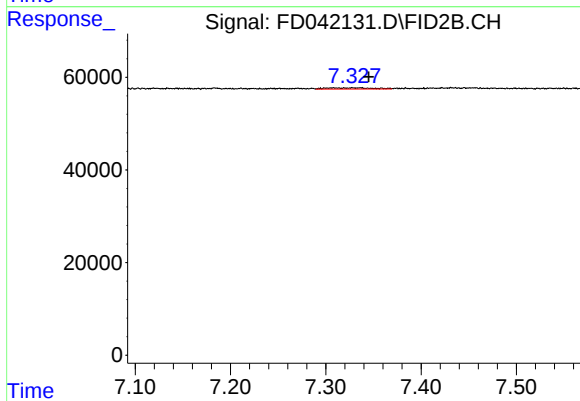
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 2166
Conc: 0.01 ug/ml



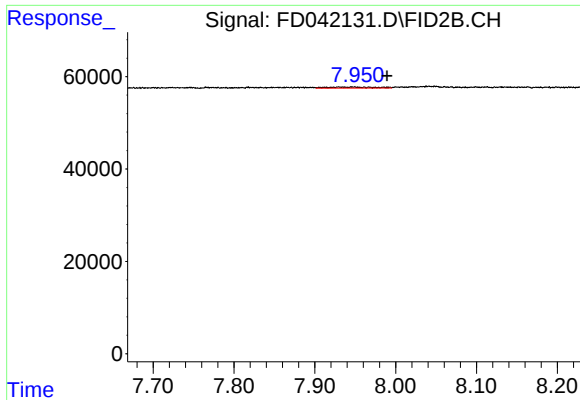
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: 0.005 min
Response: 2578
Conc: 0.02 ug/ml



#4 2-Bromonaphthalene (SURR)

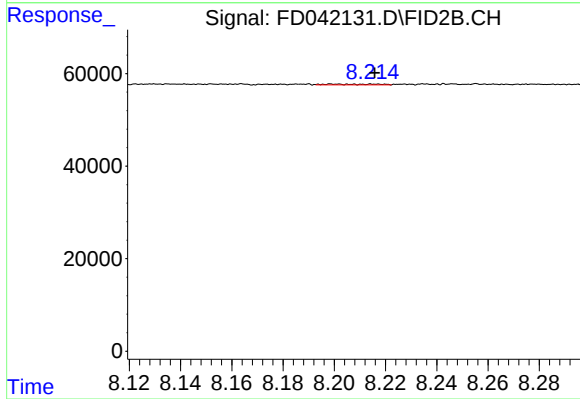
R.T.: 7.320 min
Delta R.T.: -0.025 min
Response: 8715
Conc: 0.06 ug/ml



#5 Acenaphthylene (C15.06)

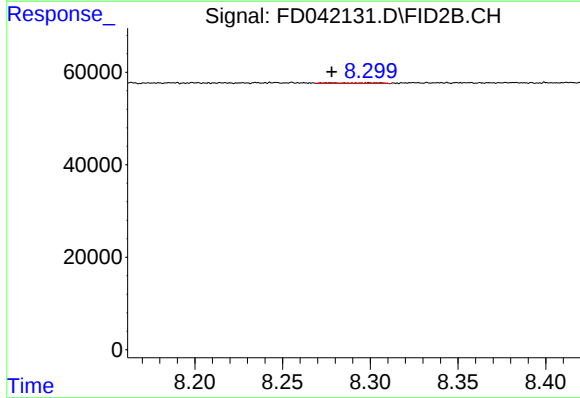
R.T.: 7.947 min
Delta R.T.: -0.042 min
Response: 8869
Conc: 0.05 ug/ml

Instrument :
FID_D
ClientSampleId :



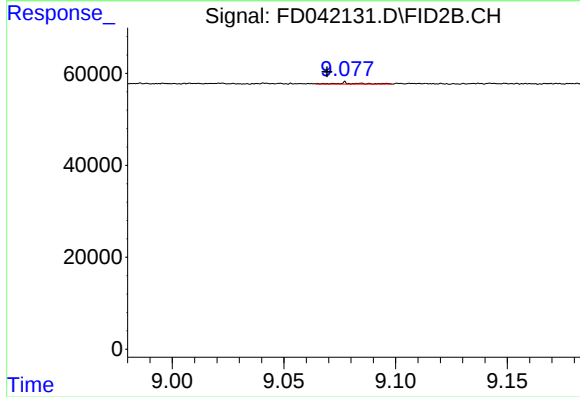
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.017 min
Response: 2217
Conc: 0.03 ug/ml



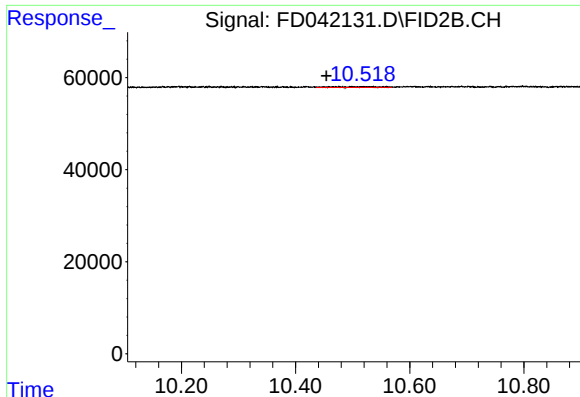
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 2702
Conc: 0.01 ug/ml



#8 Fluorene (C16.55)

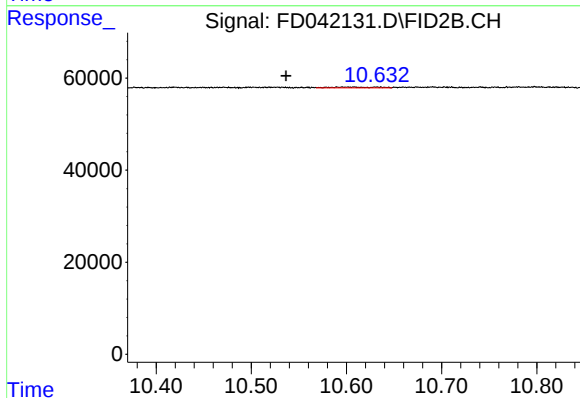
R.T.: 9.079 min
Delta R.T.: 0.009 min
Response: 2414
Conc: 0.02 ug/ml



#9 Phenanthrene (C19.36)

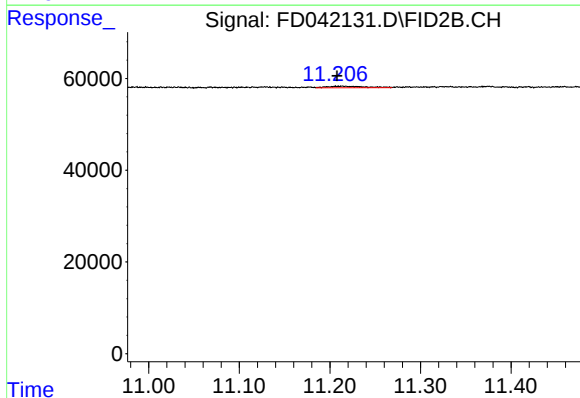
R.T.: 10.471 min
Delta R.T.: 0.017 min
Response: 8794
Conc: 0.06 ug/ml

Instrument :
FID_D
ClientSampleId :



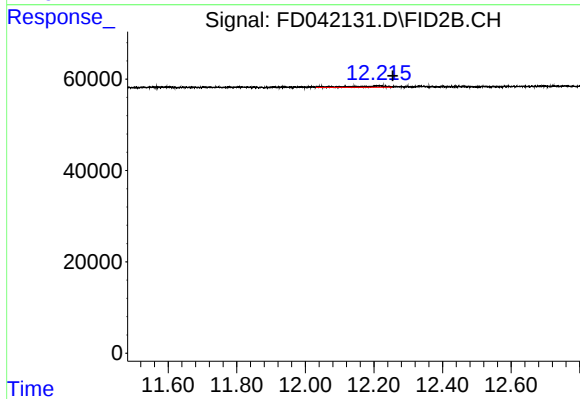
#10 Anthracene (C19.43)

R.T.: 10.601 min
Delta R.T.: 0.064 min
Response: 6271
Conc: 0.04 ug/ml



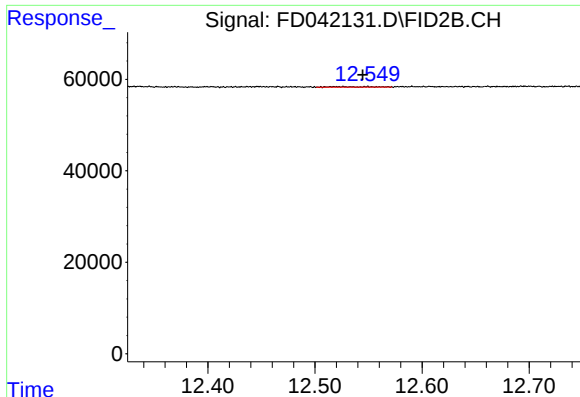
#11 ortho-Terphenyl (SURR)

R.T.: 11.213 min
Delta R.T.: 0.005 min
Response: 9388
Conc: 0.05 ug/ml



#12 Fluoranthene (C21.85)

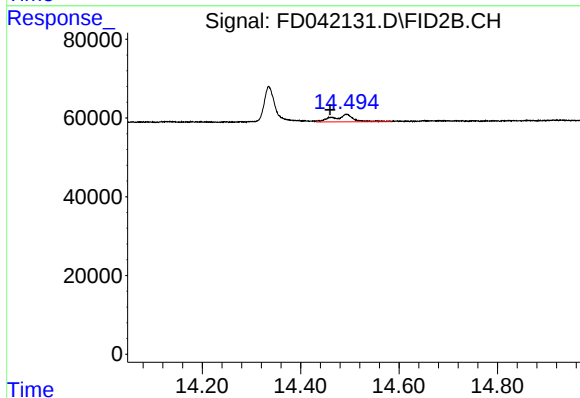
R.T.: 12.212 min
Delta R.T.: -0.043 min
Response: 19642
Conc: 0.13 ug/ml



#13 Pyrene (C20.8)

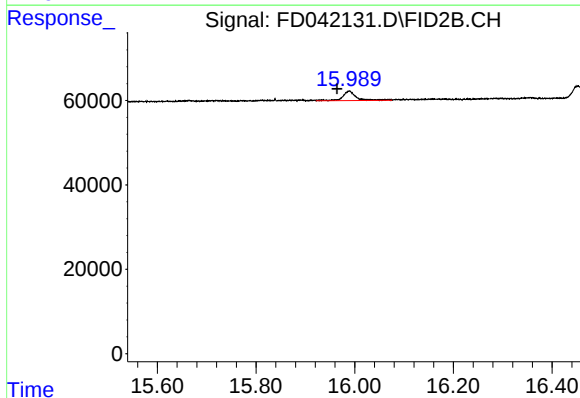
R.T.: 12.522 min
Delta R.T.: -0.022 min
Response: 2459
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



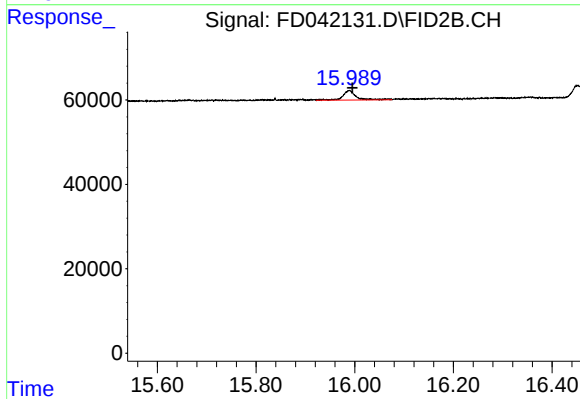
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.033 min
Response: 53223
Conc: 0.29 ug/ml



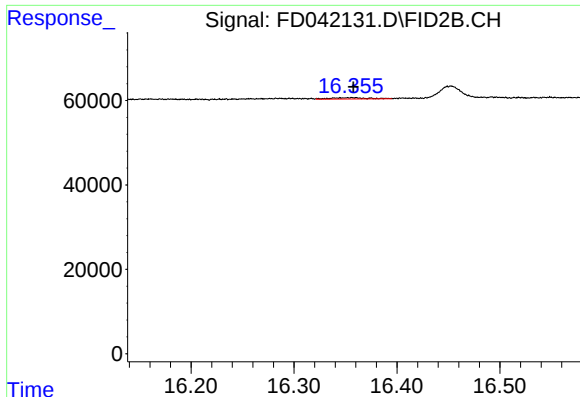
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.989 min
Delta R.T.: 0.025 min
Response: 42254
Conc: 0.32 ug/ml



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

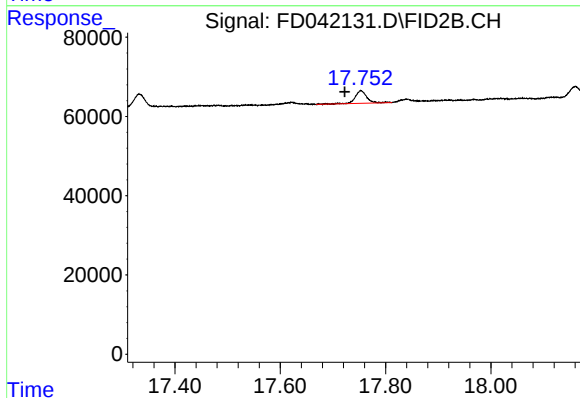
R.T.: 15.989 min
Delta R.T.: -0.006 min
Response: 42254
Conc: 0.24 ug/ml



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

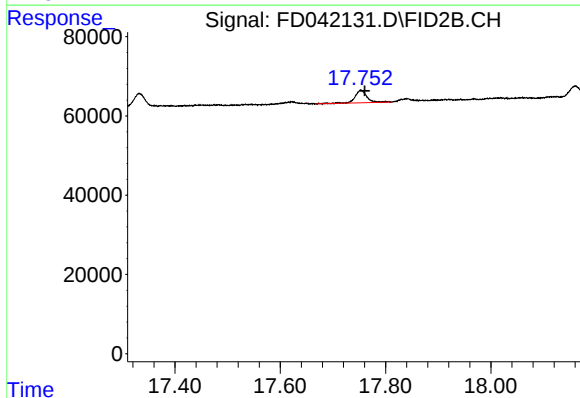
R.T.: 16.354 min
Delta R.T.: -0.003 min
Response: 6853
Conc: 0.05 ug/ml

Instrument :
FID_D
ClientSampleId :



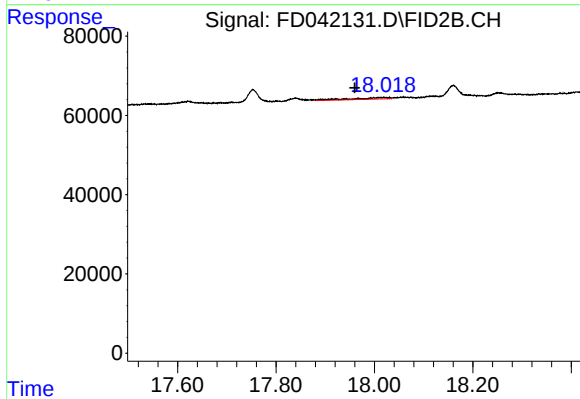
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.031 min
Response: 48410
Conc: 0.49 ug/ml



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

R.T.: 17.753 min
Delta R.T.: -0.007 min
Response: 48410
Conc: 0.31 ug/ml



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

R.T.: 18.018 min
Delta R.T.: 0.057 min
Response: 20304
Conc: 0.15 ug/ml