

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043649.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 08:13
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 18 15:26:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.630	5098	0.036 ug/ml
Spiked Amount 50.000		Recovery =	0.07%
6) S 2-Fluorobiphenyl (SURR)	8.457	4757	0.050 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	0.10%
11) S ortho-Terphenyl (SURR)	11.516	9905	0.058 ug/ml
Spiked Amount 50.000		Recovery =	0.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	4591	0.029 ug/ml
2) T Naphthalene (C11.7)	5.959	1630	0.010 ug/ml
3) T 2-Methylnaphthalene (...)	7.013	11780	0.080 ug/ml
5) T Acenaphthylene (C15.06)	8.284	2557	0.016 ug/ml
7) T Acenaphthene (C15.5)	8.568	4292	0.027 ug/ml
8) T Fluorene (C16.55)	9.355	5633	0.036 ug/ml
9) T Phenanthrene (C19.36)	10.796	11861	0.076 ug/ml
10) T Anthracene (C19.43)	10.858	16044	0.104 ug/ml
12) T Fluoranthene (C21.85)	12.581	16952	0.107 ug/ml
13) T Pyrene (C20.8)	12.905	16527	0.105 ug/ml
14) T Benzo[a]anthracene (C...	14.720	2261	0.015 ug/ml
15) T Chrysene (C27.41)	14.785	14059	0.090 ug/ml
16) T benzo[b]fluoranthene ...	16.308	42949	0.287 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	42949	0.286 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.699	52406	0.371 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.079	363321	3.074 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	363321	2.561 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	266407	2.049 ug/ml

(f)=RT Delta > 1/2 Window

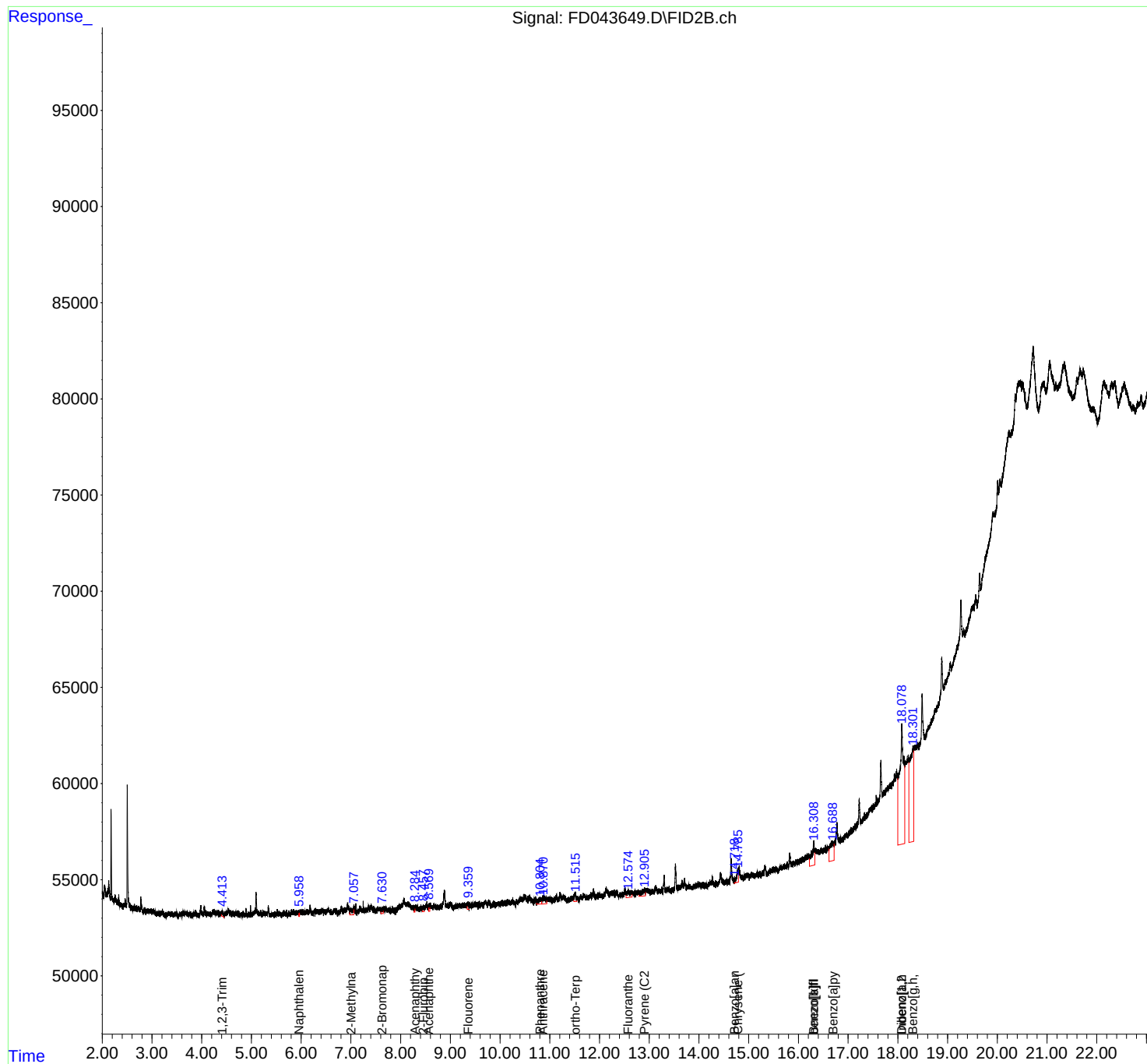
(m)=manual int.

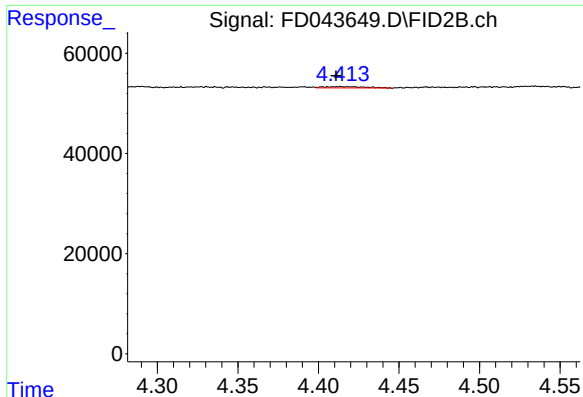
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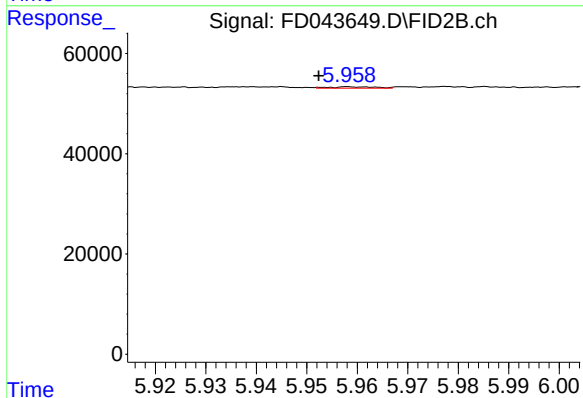




#1 1,2,3-Trimethylbenzene (C10.1)

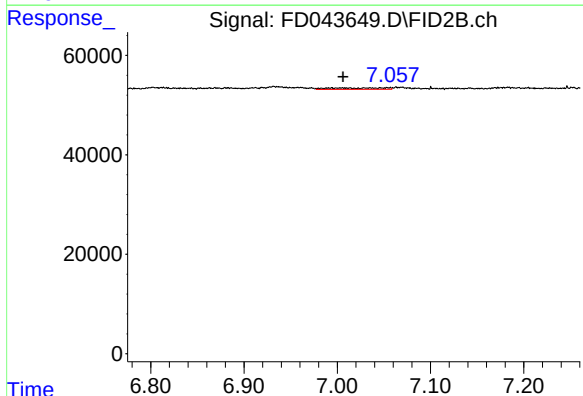
R.T.: 4.414 min
Delta R.T.: 0.003 min
Response: 4591
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



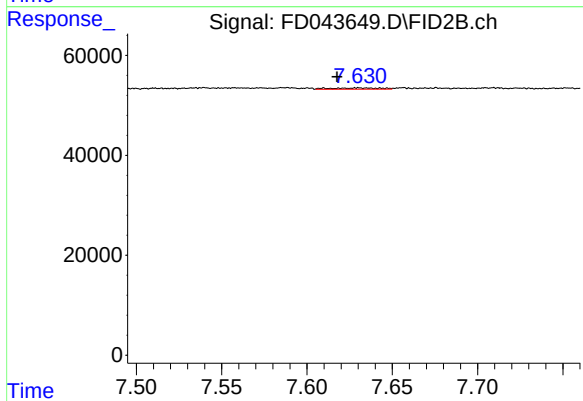
#2 Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.007 min
Response: 1630
Conc: 0.01 ug/ml



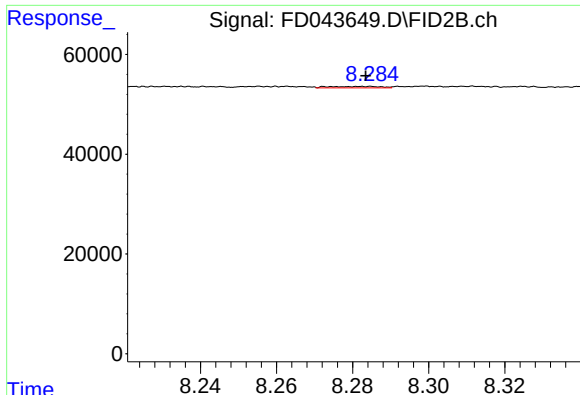
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.007 min
Response: 11780
Conc: 0.08 ug/ml



#4 2-Bromonaphthalene (SURR)

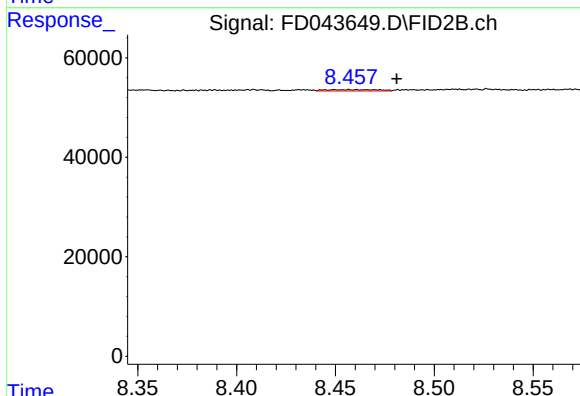
R.T.: 7.630 min
Delta R.T.: 0.012 min
Response: 5098
Conc: 0.04 ug/ml



#5 Acenaphthylene (C15.06)

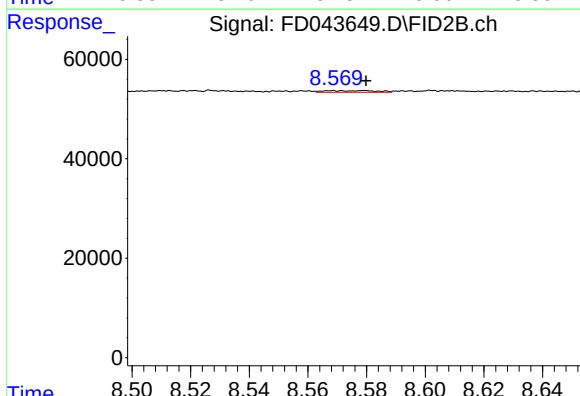
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 2557
Conc: 0.02 ug/ml

Instrument :
FID_D
ClientSampleId :



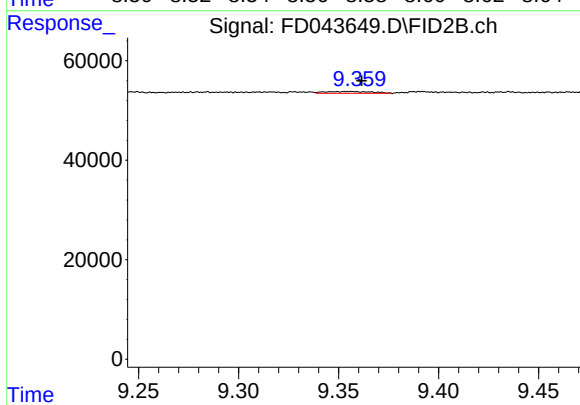
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: -0.024 min
Response: 4757
Conc: 0.05 ug/ml



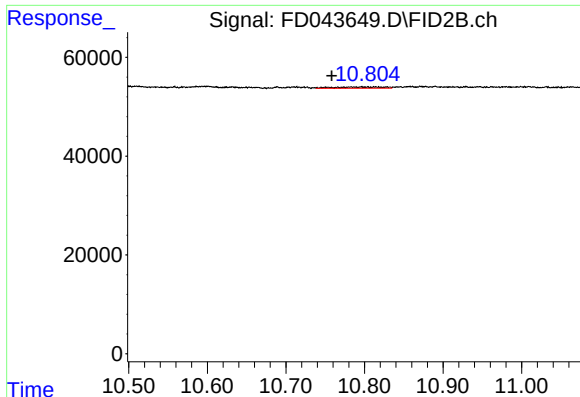
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: -0.011 min
Response: 4292
Conc: 0.03 ug/ml



#8 Fluorene (C16.55)

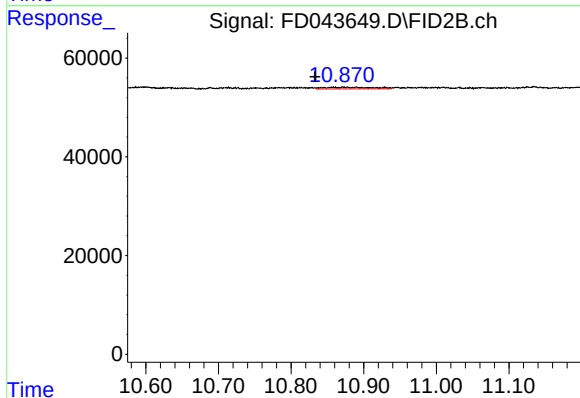
R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 5633
Conc: 0.04 ug/ml



#9 Phenanthrene (C19.36)

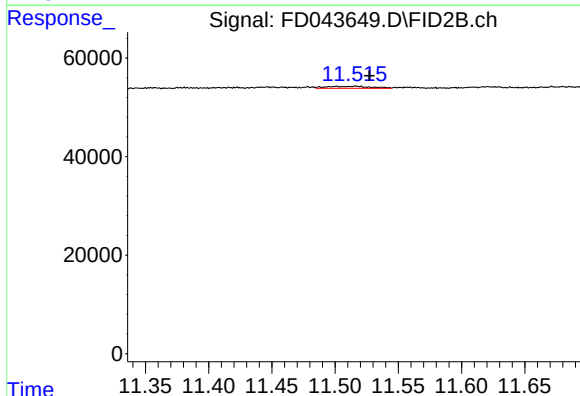
R.T.: 10.796 min
Delta R.T.: 0.038 min
Response: 11861
Conc: 0.08 ug/ml

Instrument :
FID_D
ClientSampleId :



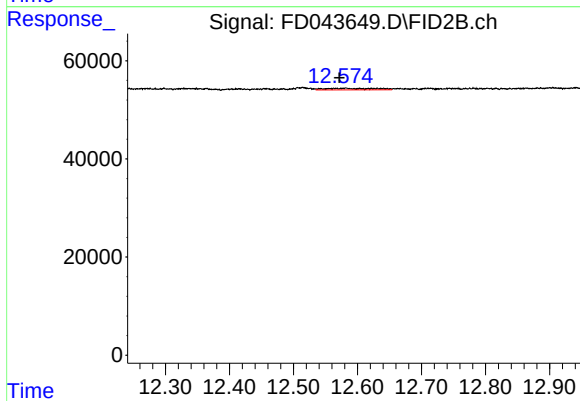
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.025 min
Response: 16044
Conc: 0.10 ug/ml



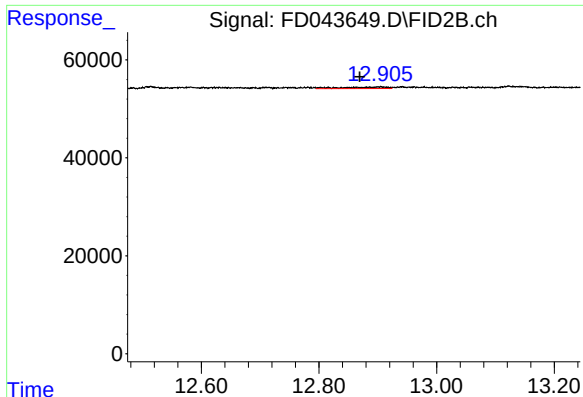
#11 ortho-Terphenyl (SURR)

R.T.: 11.516 min
Delta R.T.: -0.012 min
Response: 9905
Conc: 0.06 ug/ml



#12 Fluoranthene (C21.85)

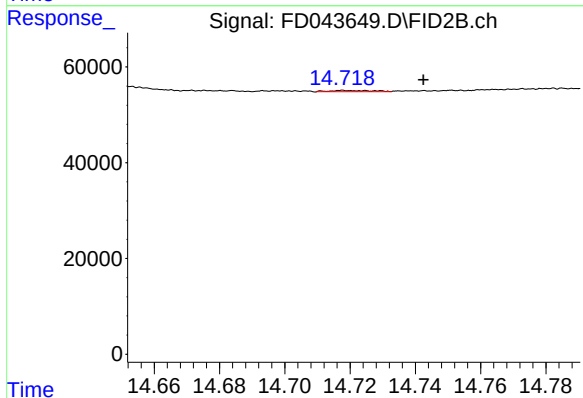
R.T.: 12.581 min
Delta R.T.: 0.010 min
Response: 16952
Conc: 0.11 ug/ml



#13 Pyrene (C20.8)

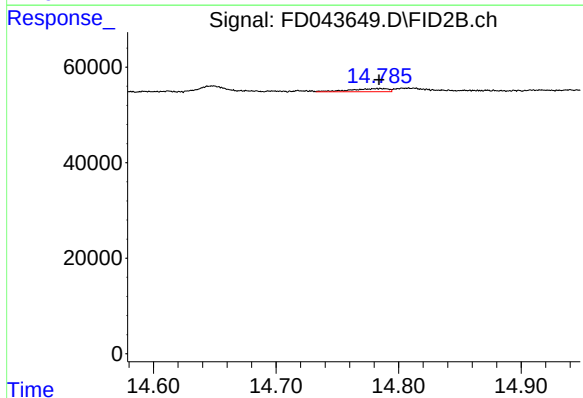
R.T.: 12.905 min
Delta R.T.: 0.036 min
Response: 16527
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



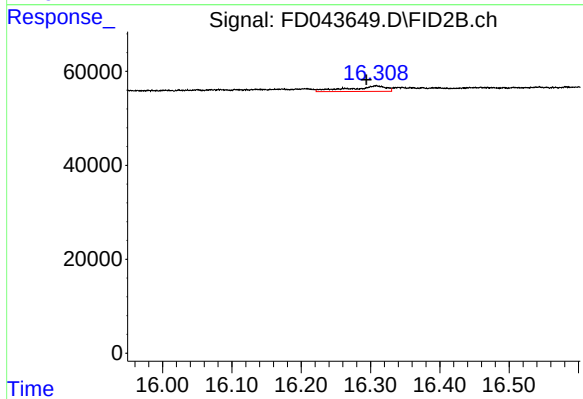
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.720 min
Delta R.T.: -0.023 min
Response: 2261
Conc: 0.02 ug/ml



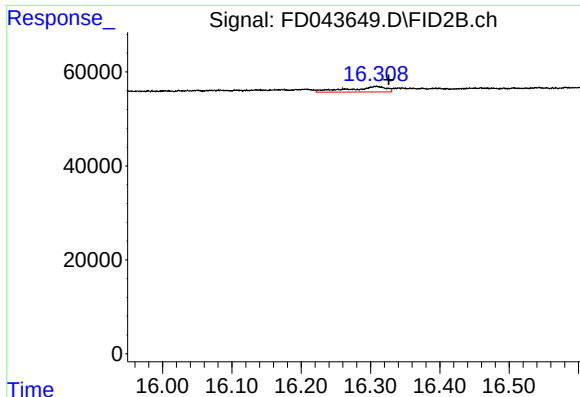
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 14059
Conc: 0.09 ug/ml



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

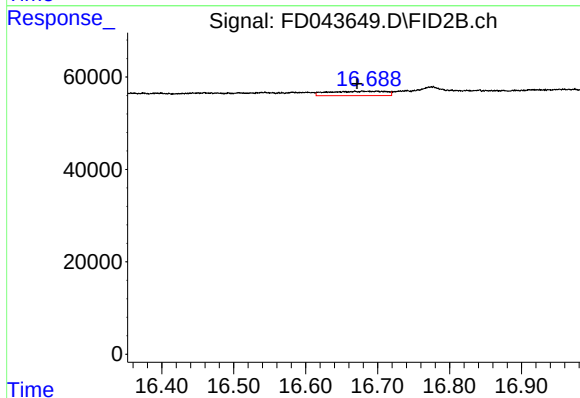
R.T.: 16.308 min
Delta R.T.: 0.014 min
Response: 42949
Conc: 0.29 ug/ml



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

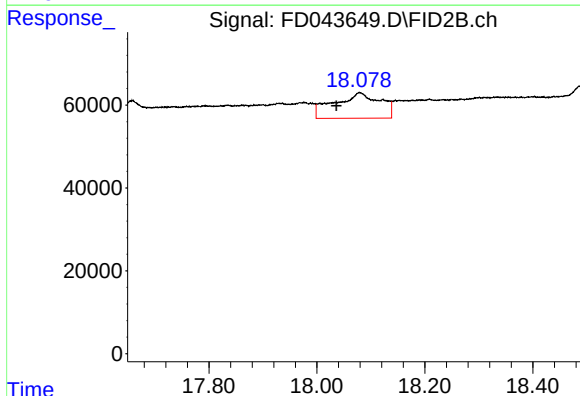
R.T.: 16.308 min
Delta R.T.: -0.018 min
Response: 42949
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



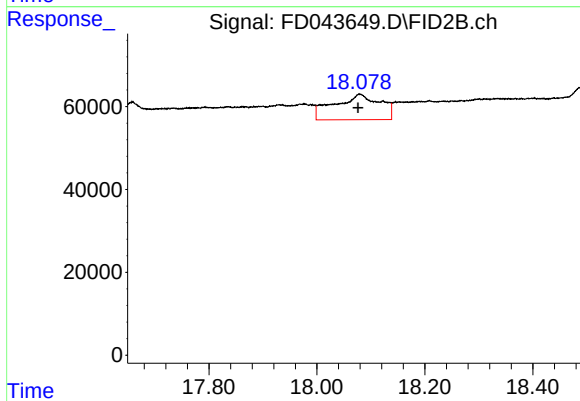
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.699 min
Delta R.T.: 0.027 min
Response: 52406
Conc: 0.37 ug/ml



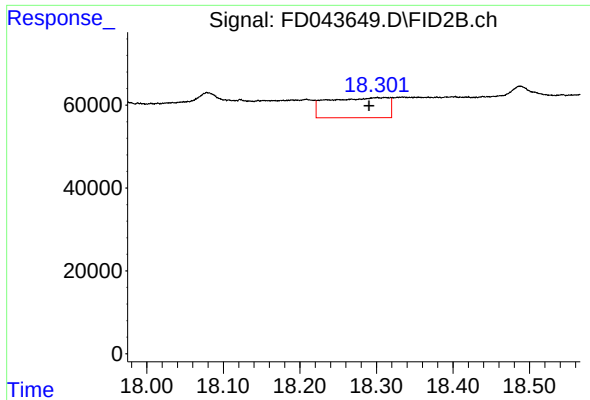
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.079 min
Delta R.T.: 0.043 min
Response: 363321
Conc: 3.07 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 363321
Conc: 2.56 ug/ml



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

R.T.: 18.301 min
Delta R.T.: 0.011 min
Response: 266407
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :