

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043879.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 20:48
 Operator : YP/AJ
 Sample : N4550-01DL 10X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Sep 14 21:13:37 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...	7.438	533705	4.056 ug/ml
Spiked Amount 50.000		Recovery =	8.11%
6) S 2-Fluorobiphenyl (SURR)	8.305	419903	5.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.64%
11) S ortho-Terphenyl (SURR)	11.314	1212057	6.506 ug/ml
Spiked Amount 50.000		Recovery =	13.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	1579	0.011 ug/ml
2) T Naphthalene (C11.7)	5.769	4479	0.031 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	16955	0.116 ug/ml
5) T Acenaphthylene (C15.06)	8.085	111967	0.726 ug/ml
7) T Acenaphthene (C15.5)	8.390	196333	1.122 ug/ml
8) T Fluorene (C16.55)	9.155	139744	0.951 ug/ml
9) T Phenanthrene (C19.36)	10.573	803533	5.553 ug/ml
10) T Anthracene (C19.43)	10.629	567680	3.868 ug/ml
12) T Fluoranthene (C21.85)	12.377	2010272	13.107 ug/ml
13) T Pyrene (C20.8)	12.660	1298651	8.730 ug/ml
14) T Benzo[a]anthracene (C...	14.522	83630	0.748 ug/ml
15) T Chrysene (C27.41)	14.546	368899	2.360 ug/ml
16) T benzo[b]fluoranthene ...	16.059	121812	1.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	143693	0.968 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.408	229443	1.894 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	21043	0.221 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	21294	0.177 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	13924	0.122 ug/ml

(f)=RT Delta > 1/2 Window

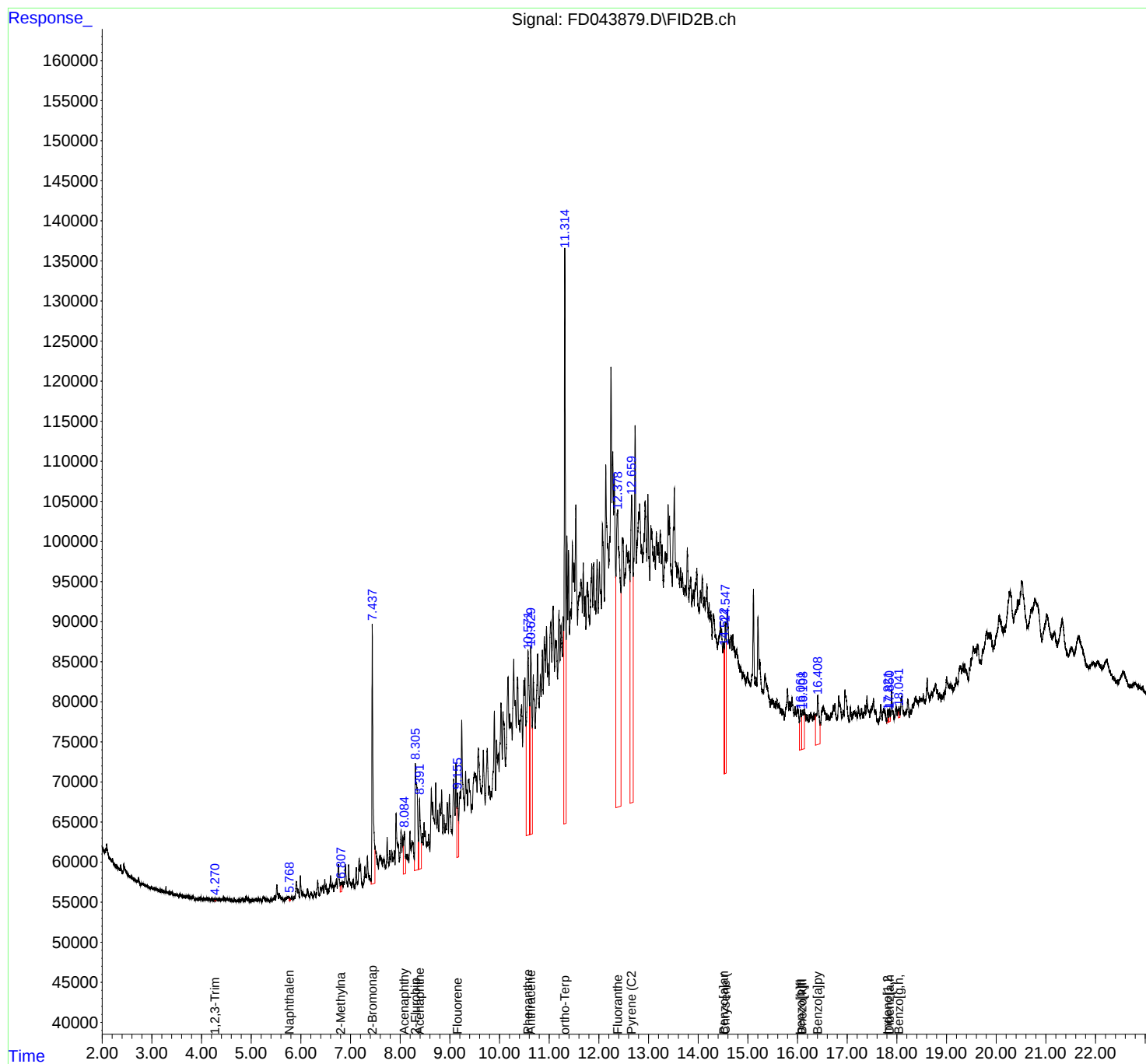
(m)=manual int.

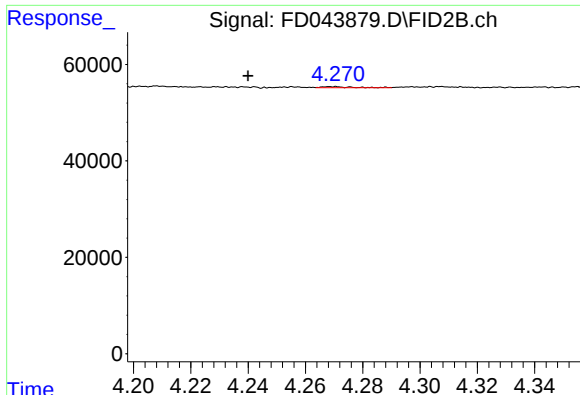
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
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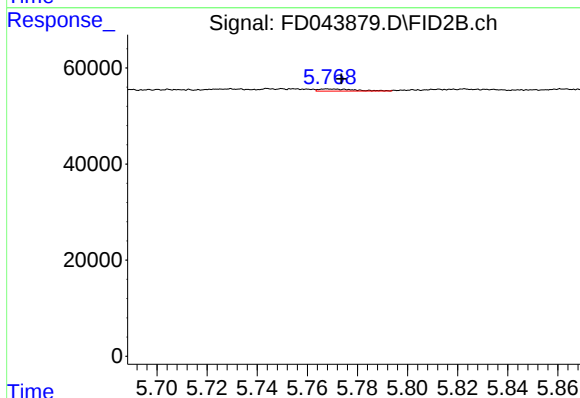




#1 1,2,3-Trimethylbenzene (C10.1)

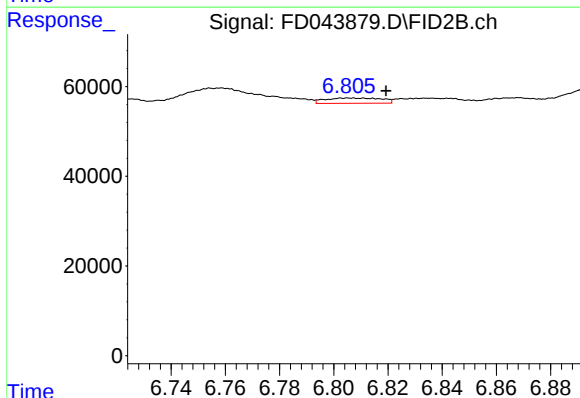
R.T.: 4.269 min
Delta R.T.: 0.029 min
Response: 1579
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



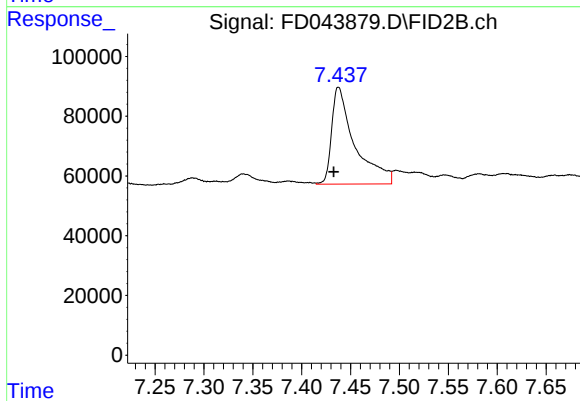
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 4479
Conc: 0.03 ug/ml



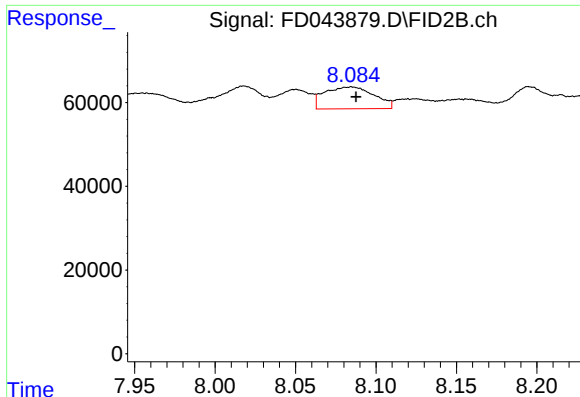
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.014 min
Response: 16955
Conc: 0.12 ug/ml



#4 2-Bromonaphthalene (SURR)

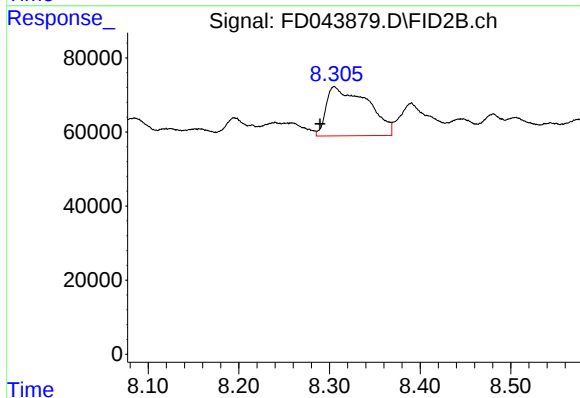
R.T.: 7.438 min
Delta R.T.: 0.005 min
Response: 533705
Conc: 4.06 ug/ml



#5 Acenaphthylene (C15.06)

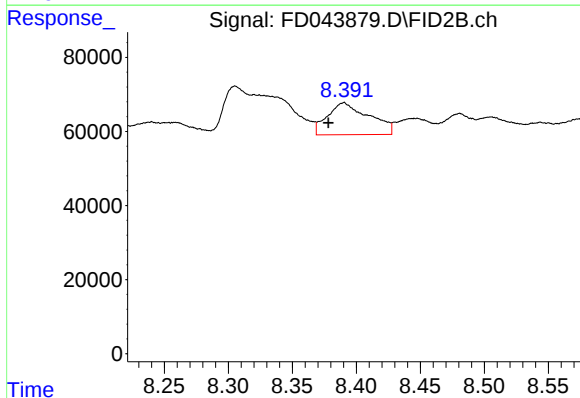
R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 111967
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



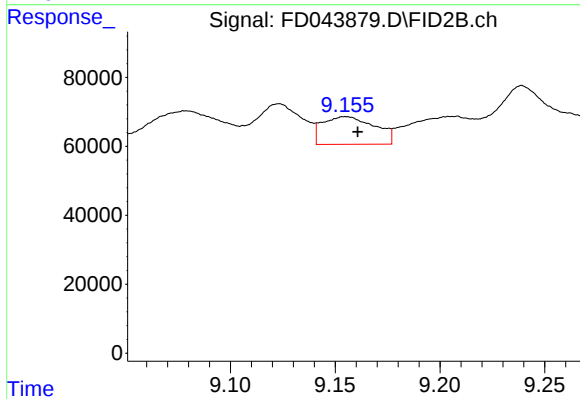
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.305 min
Delta R.T.: 0.016 min
Response: 419903
Conc: 5.82 ug/ml



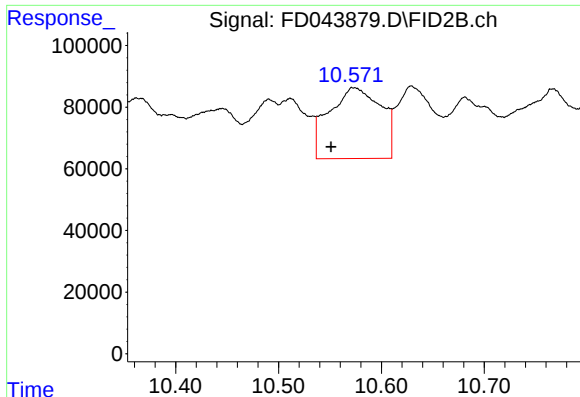
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: 0.012 min
Response: 196333
Conc: 1.12 ug/ml



#8 Flouorene (C16.55)

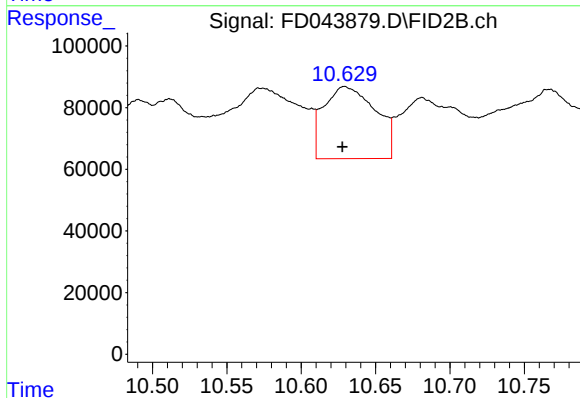
R.T.: 9.155 min
Delta R.T.: -0.006 min
Response: 139744
Conc: 0.95 ug/ml



#9 Phenanthrene (C19.36)

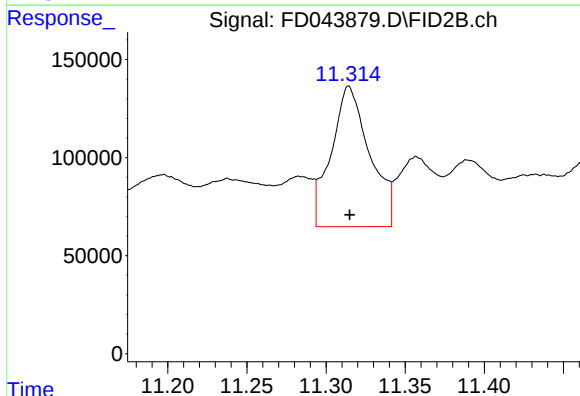
R.T.: 10.573 min
Delta R.T.: 0.022 min
Response: 803533
Conc: 5.55 ug/ml

Instrument :
FID_D
ClientSampleId :



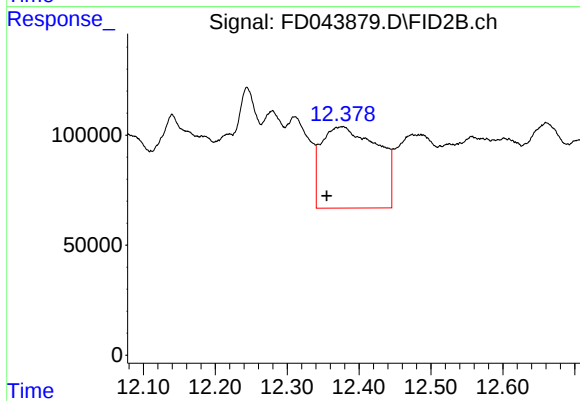
#10 Anthracene (C19.43)

R.T.: 10.629 min
Delta R.T.: 0.001 min
Response: 567680
Conc: 3.87 ug/ml



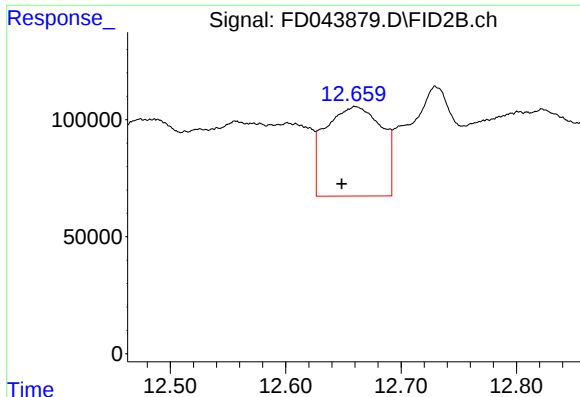
#11 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 1212057
Conc: 6.51 ug/ml



#12 Fluoranthene (C21.85)

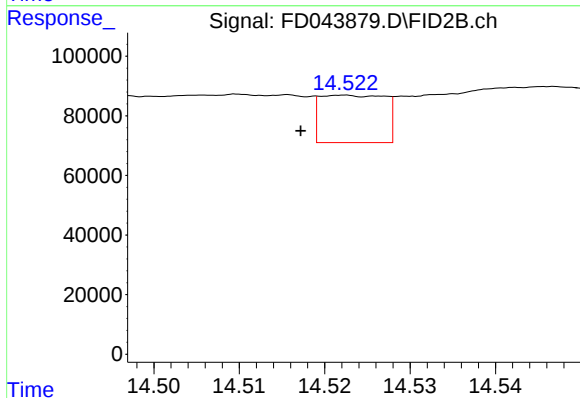
R.T.: 12.377 min
Delta R.T.: 0.022 min
Response: 2010272
Conc: 13.11 ug/ml



#13 Pyrene (C20.8)

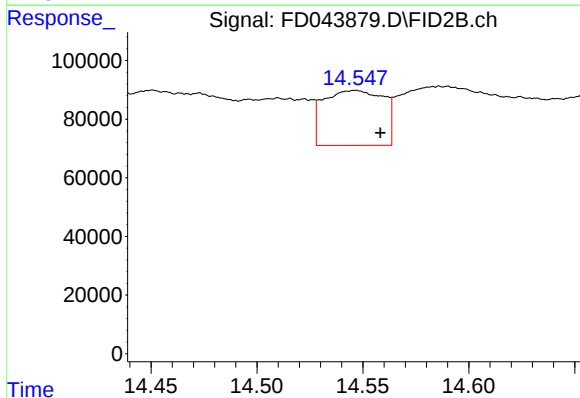
R.T.: 12.660 min
Delta R.T.: 0.012 min
Response: 1298651
Conc: 8.73 ug/ml

Instrument :
FID_D
ClientSampleId :



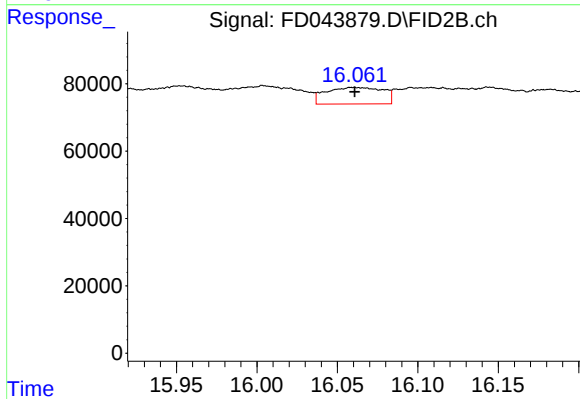
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: 0.005 min
Response: 83630
Conc: 0.75 ug/ml



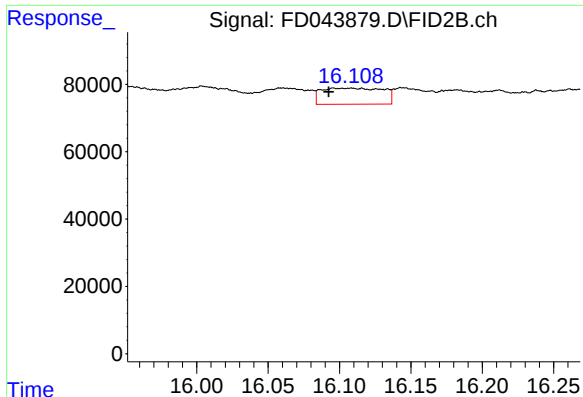
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: -0.012 min
Response: 368899
Conc: 2.36 ug/ml



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

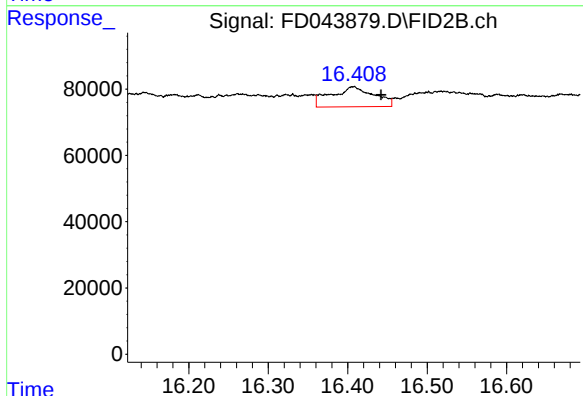
R.T.: 16.059 min
Delta R.T.: -0.001 min
Response: 121812
Conc: 1.04 ug/ml



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

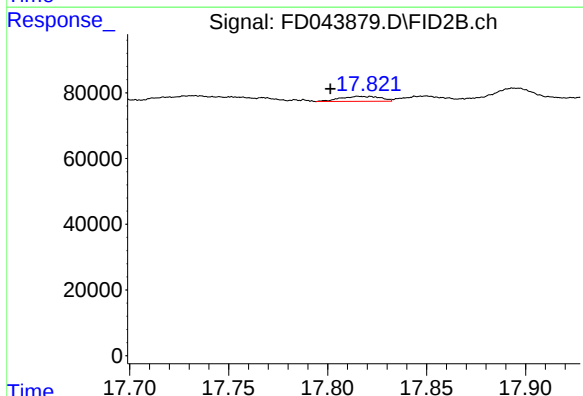
R.T.: 16.096 min
Delta R.T.: 0.004 min
Response: 143693
Conc: 0.97 ug/ml

Instrument :
FID_D
ClientSampleId :



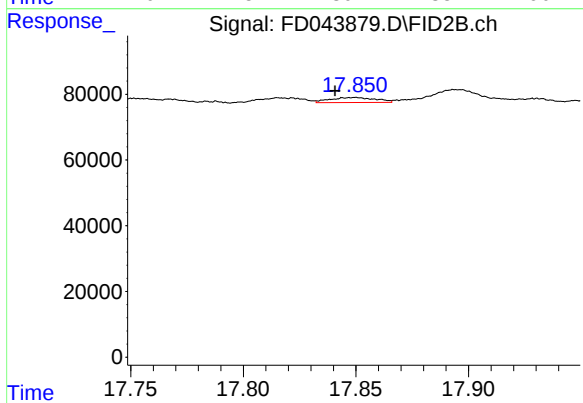
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.408 min
Delta R.T.: -0.034 min
Response: 229443
Conc: 1.89 ug/ml



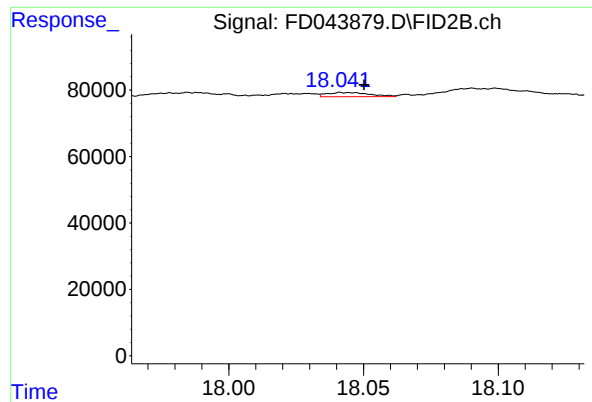
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: 0.015 min
Response: 21043
Conc: 0.22 ug/ml



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

R.T.: 17.850 min
Delta R.T.: 0.009 min
Response: 21294
Conc: 0.18 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.008 min
Response: 13924
Conc: 0.12 ug/ml

Instrument :

FID_D

ClientSampleId :