

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043182.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 19:27
 Operator : YP/AJ
 Sample : N3564-09DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:56:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.629	2476259	16.037 ug/ml
Spiked Amount 50.000		Recovery =	32.07%
6) S 2-Fluorobiphenyl (SURR)	8.493	1594701	15.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	30.24%
11) S ortho-Terphenyl (SURR)	11.539	1810166	9.960 ug/ml
Spiked Amount 50.000		Recovery =	19.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.453	72888	0.434 ug/ml
2) T Naphthalene (C11.7)	5.968	224038	1.280 ug/ml
3) T 2-Methylnaphthalene (...)	7.012	805296	5.007 ug/ml
5) T Acenaphthylene (C15.06)	8.287	971252	5.464 ug/ml
7) T Acenaphthene (C15.5)	8.607	699599	3.995 ug/ml
8) T Flouorene (C16.55)	9.377	422598	2.438 ug/ml
9) T Phenanthrene (C19.36)	10.773	762719	4.447 ug/ml
10) T Anthracene (C19.43)	10.852	518018	3.049 ug/ml
12) T Fluoranthene (C21.85)	12.587	194401	1.159 ug/ml
13) T Pyrene (C20.8)	12.884	181755	1.115 ug/ml
14) T Benzo[a]anthracene (C...	14.757	345942	2.228 ug/ml
15) T Chrysene (C27.41)	14.795	489887	3.104 ug/ml
16) T benzo[b]fluoranthene ...	16.306	1010028	6.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	1010028	6.901 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.746	327021	2.286 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	119387	0.954 ug/ml

(f)=RT Delta > 1/2 Window

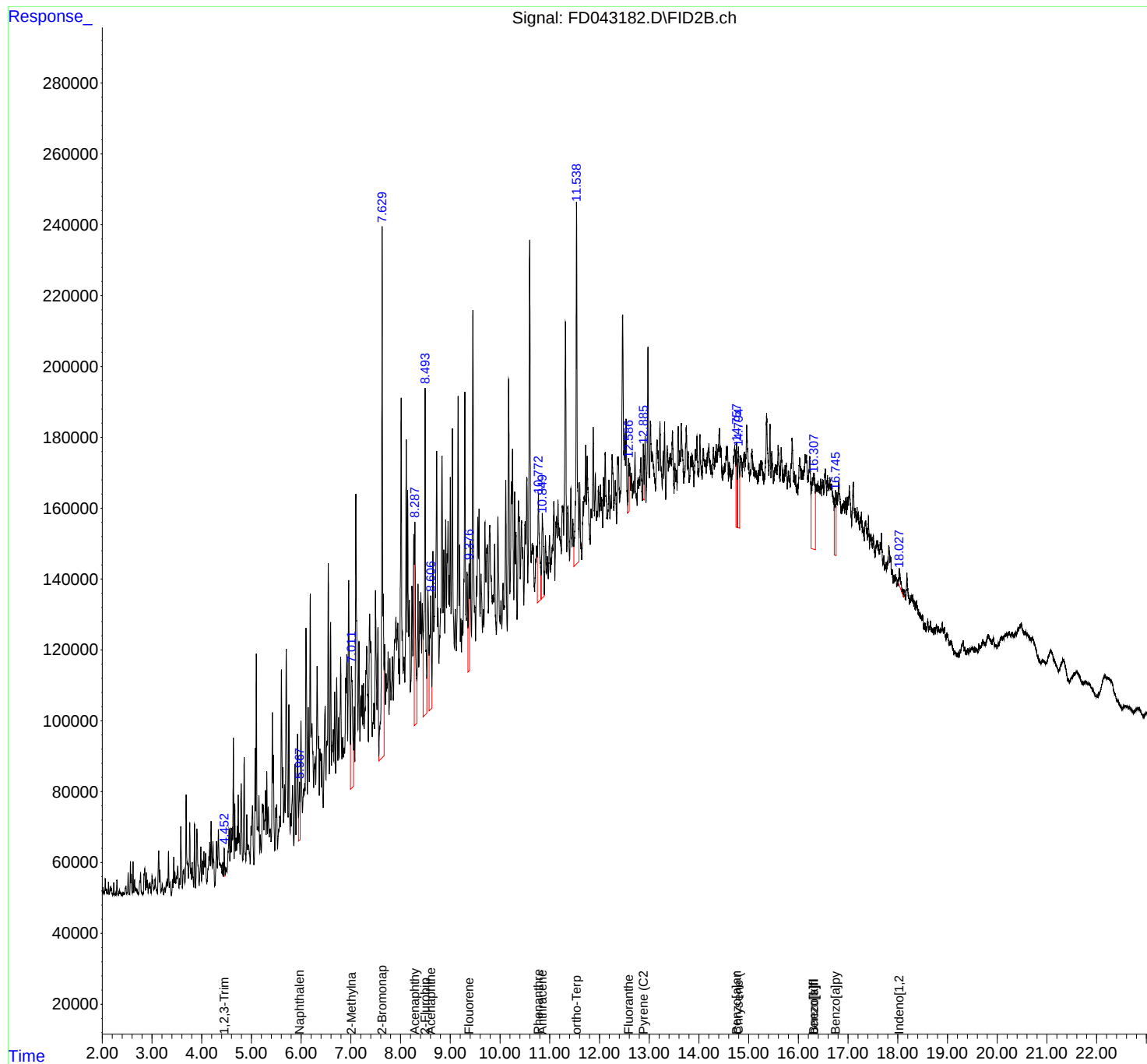
(m)=manual int.

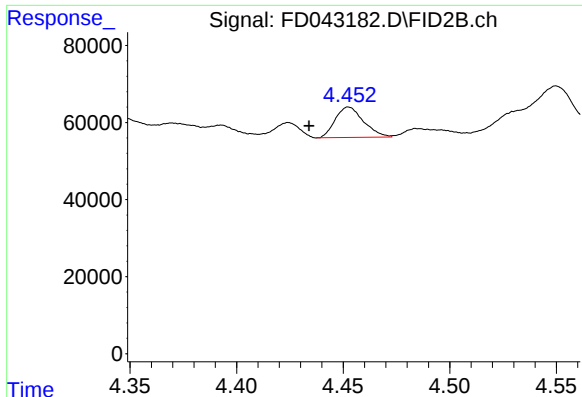
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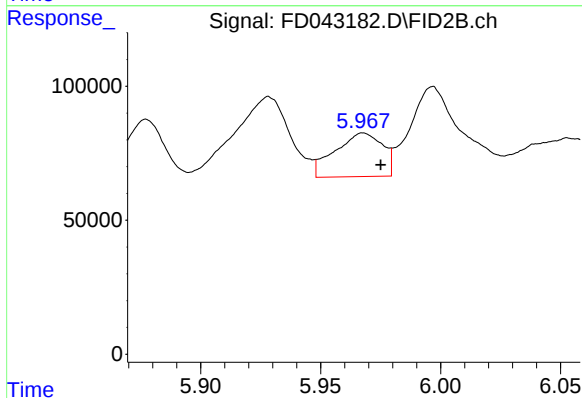




#1 1,2,3-Trimethylbenzene (C10.1)

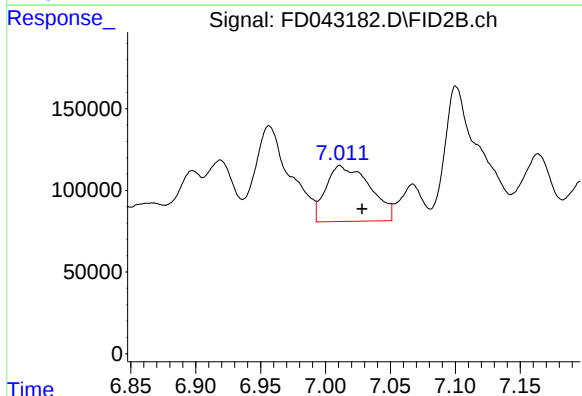
R.T.: 4.453 min
Delta R.T.: 0.019 min
Response: 72888
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



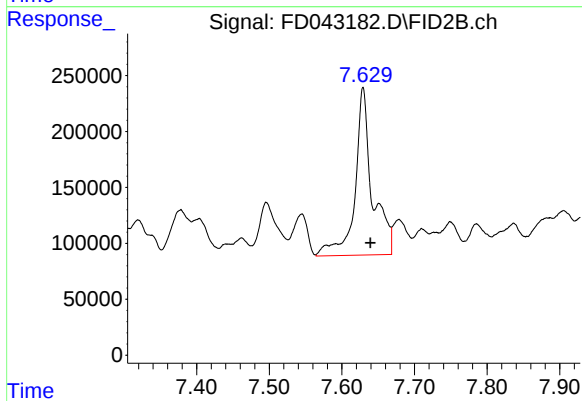
#2 Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.007 min
Response: 224038
Conc: 1.28 ug/ml



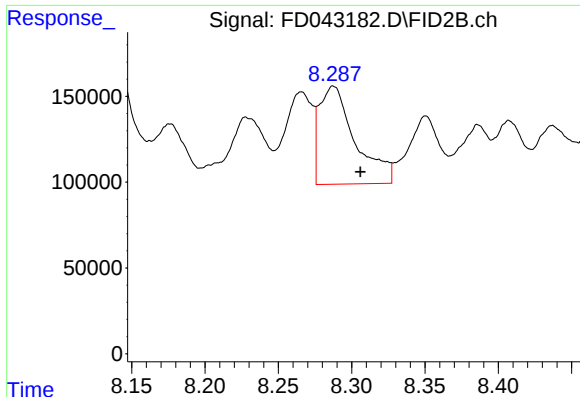
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.017 min
Response: 805296
Conc: 5.01 ug/ml



#4 2-Bromonaphthalene (SURR)

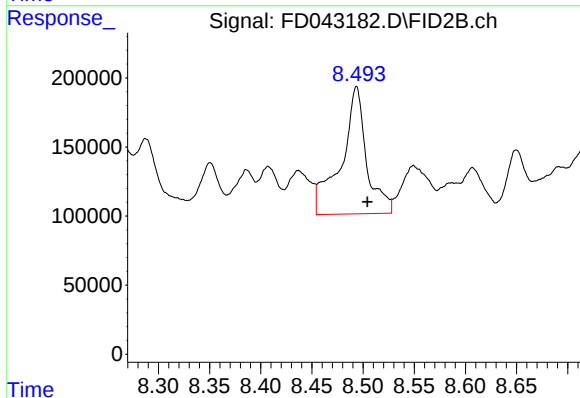
R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 2476259
Conc: 16.04 ug/ml



#5 Acenaphthylene (C15.06)

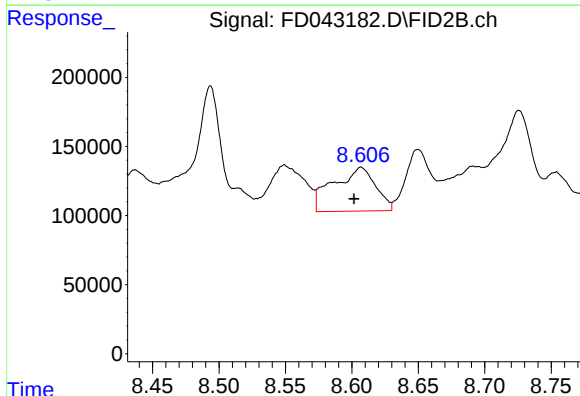
R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 971252
Conc: 5.46 ug/ml

Instrument :
FID_D
ClientSampleId :



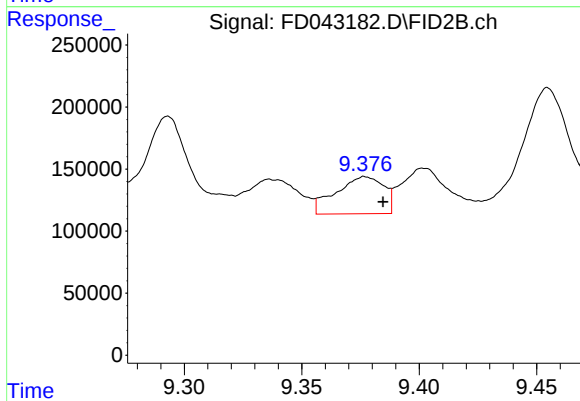
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 1594701
Conc: 15.12 ug/ml



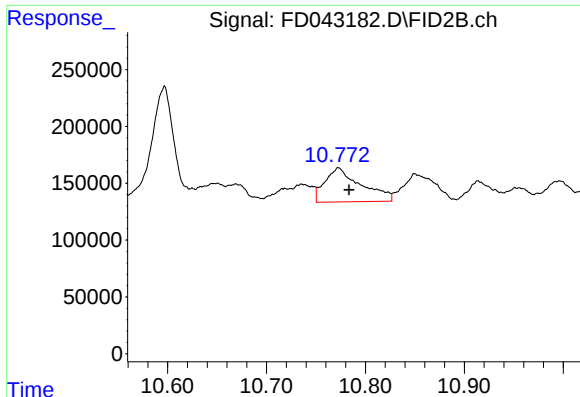
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 699599
Conc: 4.00 ug/ml



#8 Fluorene (C16.55)

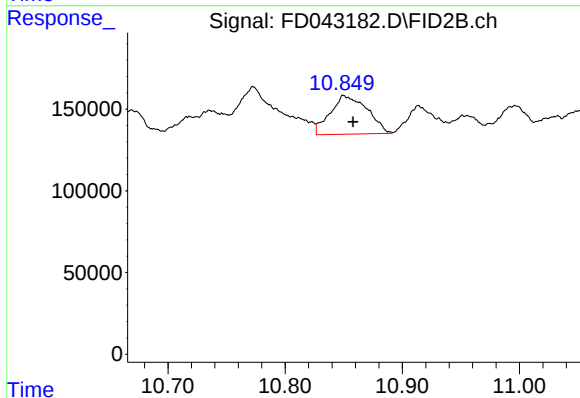
R.T.: 9.377 min
Delta R.T.: -0.007 min
Response: 422598
Conc: 2.44 ug/ml



#9 Phenanthrene (C19.36)

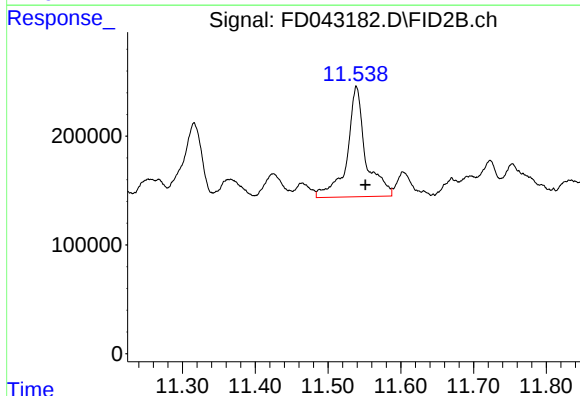
R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 762719
Conc: 4.45 ug/ml

Instrument :
FID_D
ClientSampleId :



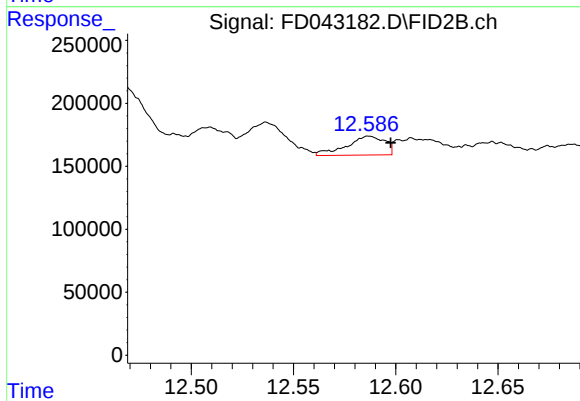
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.006 min
Response: 518018
Conc: 3.05 ug/ml



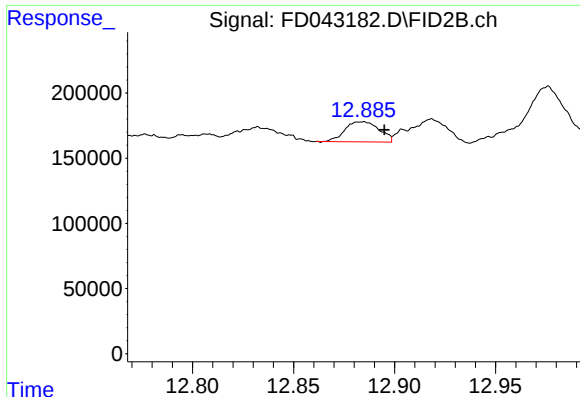
#11 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.012 min
Response: 1810166
Conc: 9.96 ug/ml



#12 Fluoranthene (C21.85)

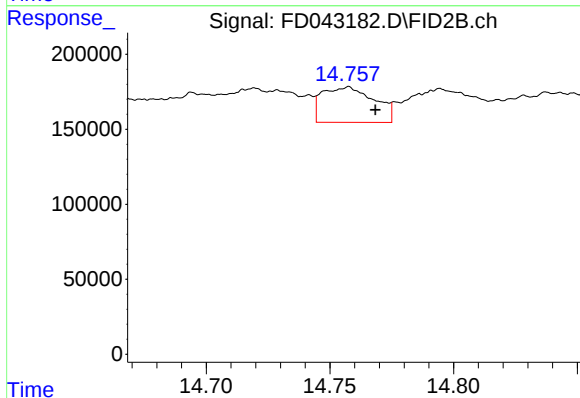
R.T.: 12.587 min
Delta R.T.: -0.010 min
Response: 194401
Conc: 1.16 ug/ml



#13 Pyrene (C20.8)

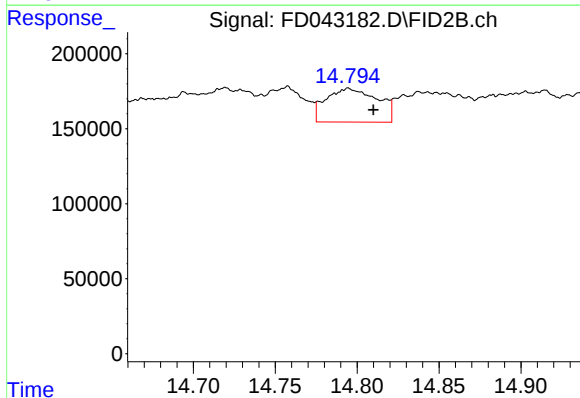
R.T.: 12.884 min
Delta R.T.: -0.011 min
Response: 181755
Conc: 1.12 ug/ml

Instrument :
FID_D
ClientSampleId :



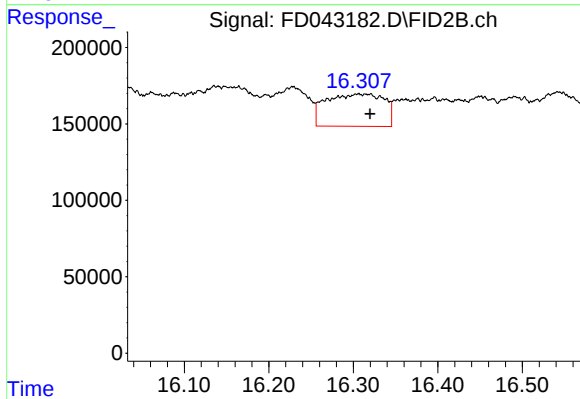
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.757 min
Delta R.T.: -0.012 min
Response: 345942
Conc: 2.23 ug/ml



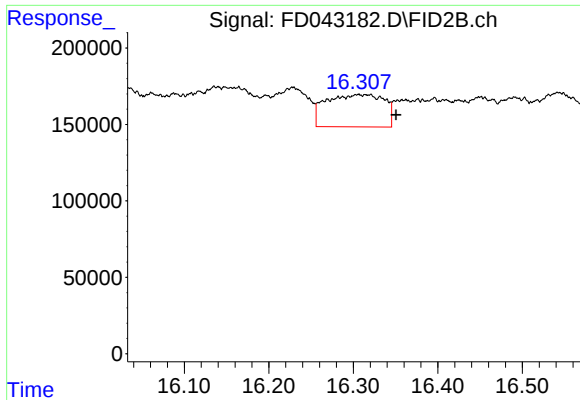
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.015 min
Response: 489887
Conc: 3.10 ug/ml



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

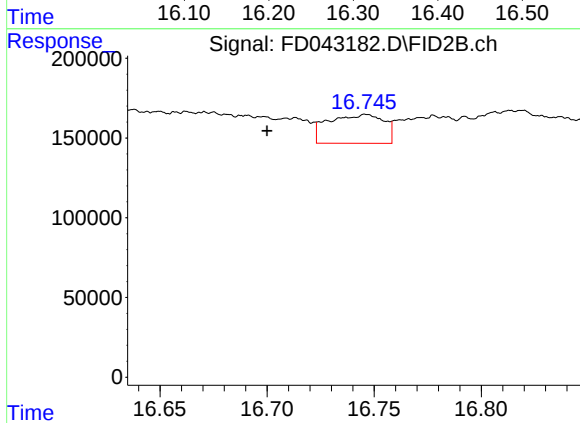
R.T.: 16.306 min
Delta R.T.: -0.014 min
Response: 1010028
Conc: 6.63 ug/ml



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

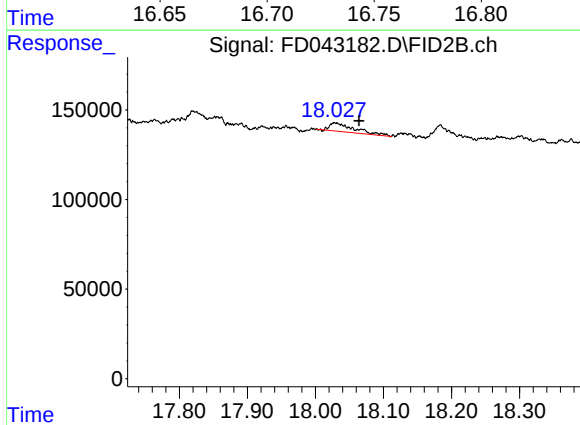
R.T.: 16.306 min
Delta R.T.: -0.045 min
Response: 1010028
Conc: 6.90 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.746 min
Delta R.T.: 0.046 min
Response: 327021
Conc: 2.29 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.035 min
Response: 119387
Conc: 0.95 ug/ml