

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043168.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 20:38
 Operator : YP/AJ
 Sample : N3564-14
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 06 05:29:32 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...	7.645	15685094	101.581 ug/ml
Spiked Amount 50.000		Recovery =	203.16%
6) S 2-Fluorobiphenyl (SURR)	8.516	18255538	173.080 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	346.16%#
11) S ortho-Terphenyl (SURR)	11.552	8387329	46.148 ug/ml
Spiked Amount 50.000		Recovery =	92.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	3337404	19.871 ug/ml
2) T Naphthalene (C11.7)	6.007	15808571	90.298 ug/ml
3) T 2-Methylnaphthalene (...)	7.043	33196059	206.387 ug/ml
5) T Acenaphthylene (C15.06)	8.304	30434745	171.224 ug/ml
7) T Acenaphthene (C15.5)	8.626	13500744	77.097 ug/ml
8) T Fluorene (C16.55)	9.395	8209555	47.361 ug/ml
9) T Phenanthrene (C19.36)	10.789	9462690	55.173 ug/ml
10) T Anthracene (C19.43)	10.864	6184663	36.403 ug/ml
12) T Fluoranthene (C21.85)	12.599	833428	4.969 ug/ml
13) T Pyrene (C20.8)	12.894	467335	2.868 ug/ml
14) T Benzo[a]anthracene (C...	14.769	3233233	20.819 ug/ml
15) T Chrysene (C27.41)	14.808	3736827	23.676 ug/ml
16) T benzo[b]fluoranthene ...	16.319	3673097	24.096 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	3840349	26.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	6463632	45.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	207262	1.656 ug/ml
20) T Dibenz[a,h]anthracene...	18.038f	207262	1.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.302	186496	1.430 ug/ml

(f)=RT Delta > 1/2 Window

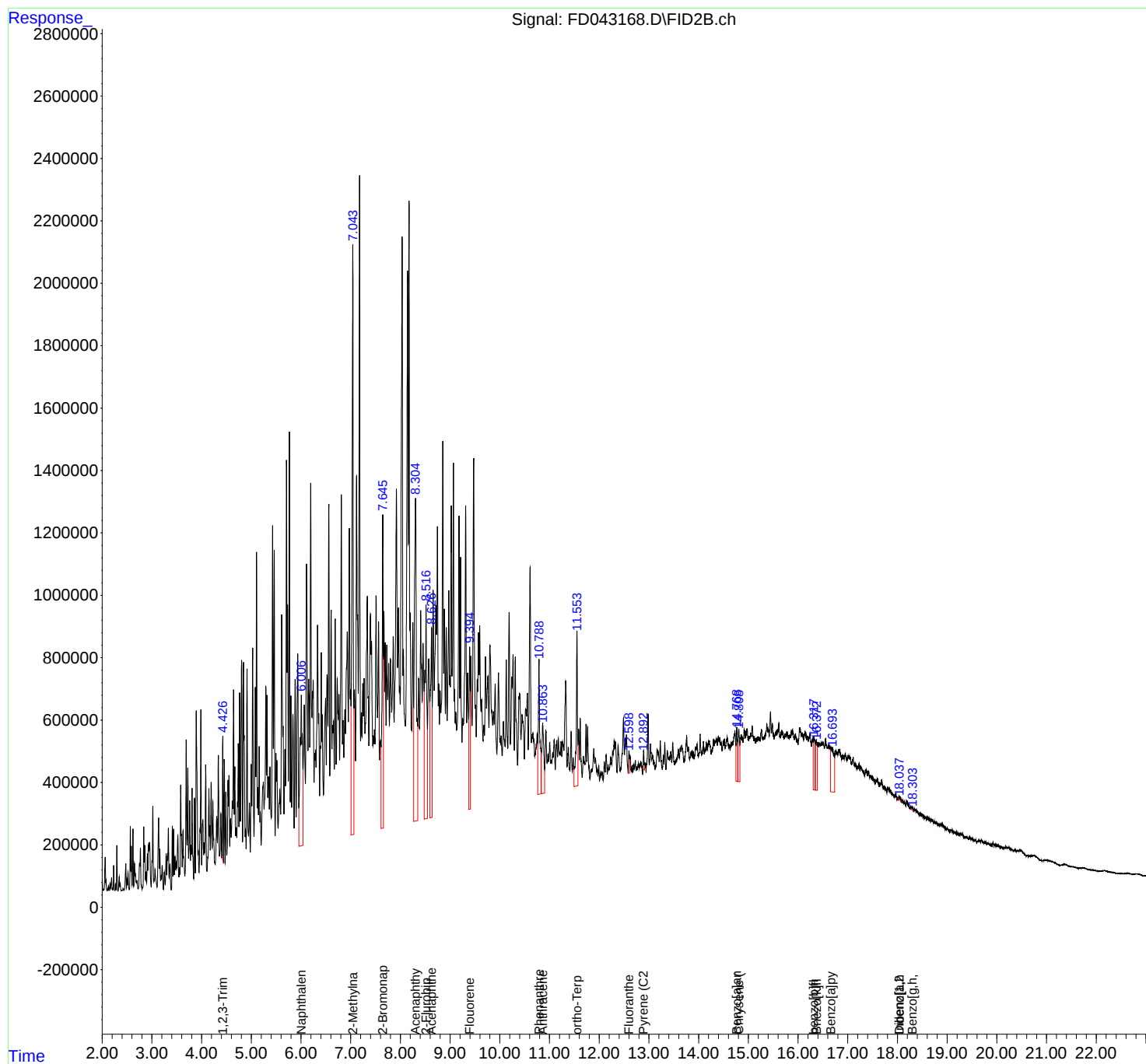
(m)=manual int.

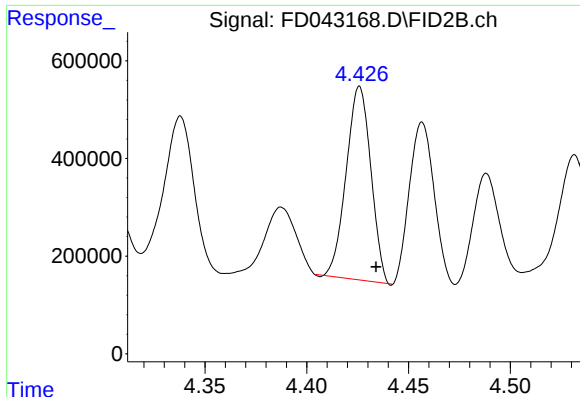
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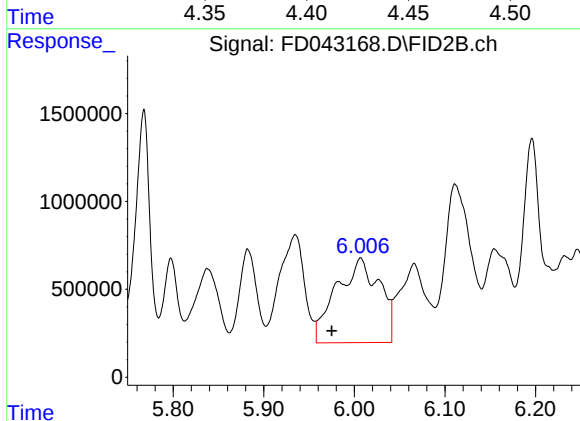




#1 1,2,3-Trimethylbenzene (C10.1)

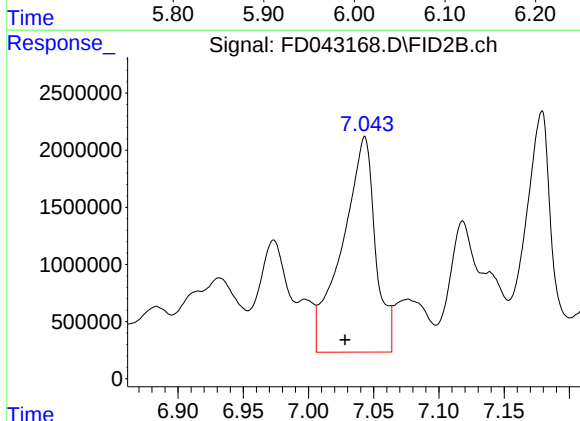
R.T.: 4.426 min
Delta R.T.: -0.008 min
Response: 3337404
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



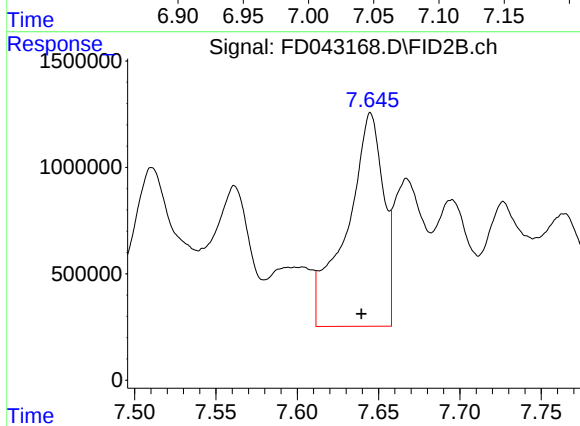
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.032 min
Response: 15808571
Conc: 90.30 ug/ml



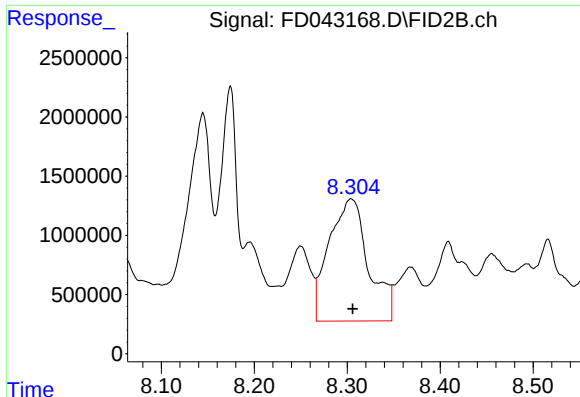
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: 0.014 min
Response: 33196059
Conc: 206.39 ug/ml



#4 2-Bromonaphthalene (SURR)

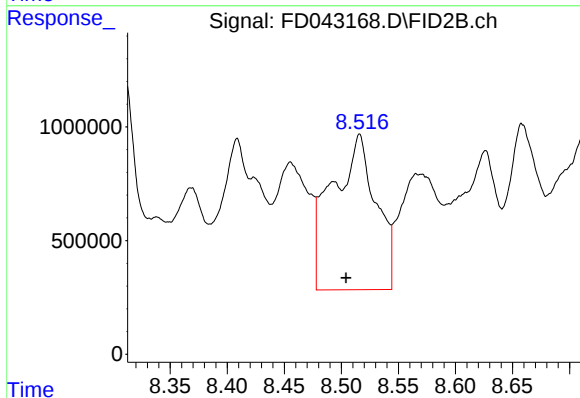
R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 15685094
Conc: 101.58 ug/ml



#5 Acenaphthylene (C15.06)

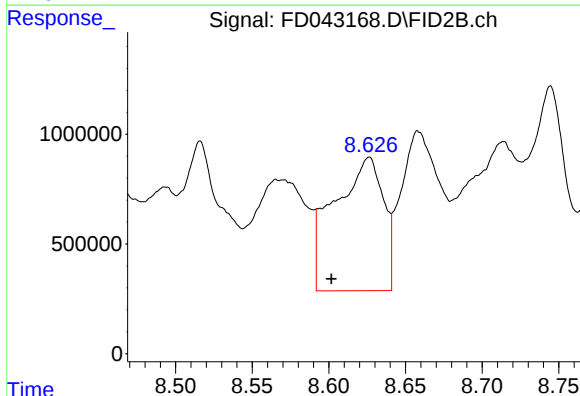
R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 30434745
Conc: 171.22 ug/ml

Instrument :
FID_D
ClientSampleId :



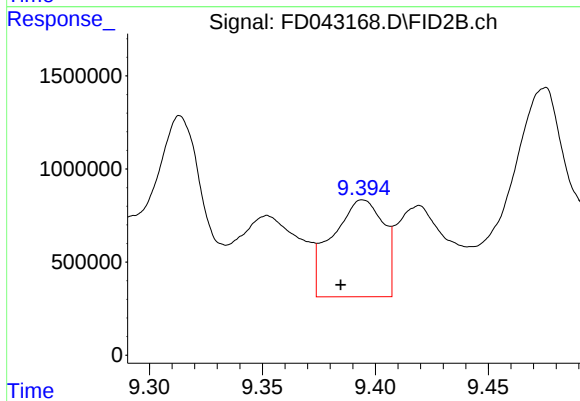
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: 0.012 min
Response: 1825538
Conc: 173.08 ug/ml



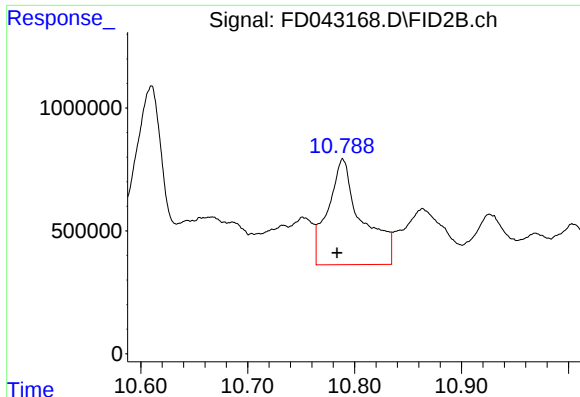
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: 0.024 min
Response: 13500744
Conc: 77.10 ug/ml



#8 Flouorene (C16.55)

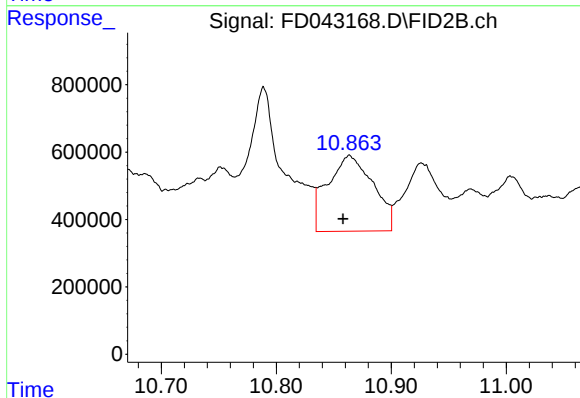
R.T.: 9.395 min
Delta R.T.: 0.010 min
Response: 8209555
Conc: 47.36 ug/ml



#9 Phenanthrene (C19.36)

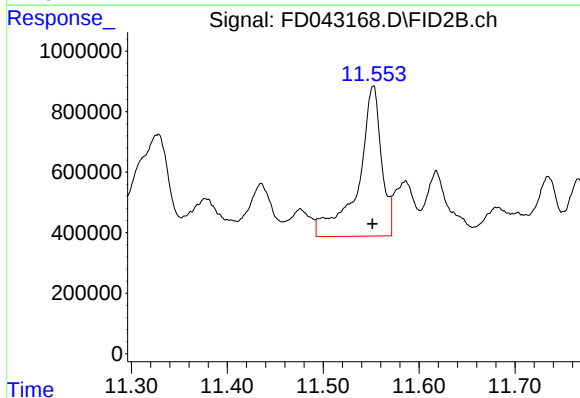
R.T.: 10.789 min
Delta R.T.: 0.005 min
Response: 9462690
Conc: 55.17 ug/ml

Instrument :
FID_D
ClientSampleId :



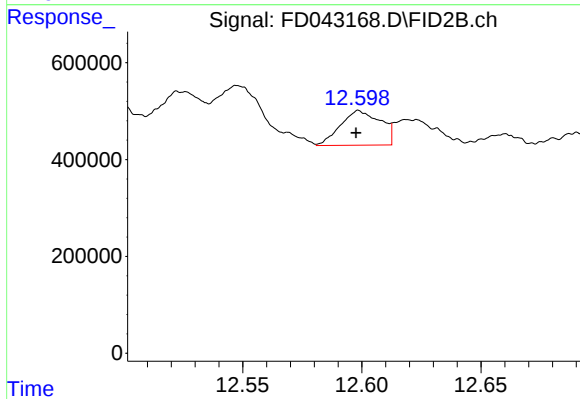
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: 0.006 min
Response: 6184663
Conc: 36.40 ug/ml



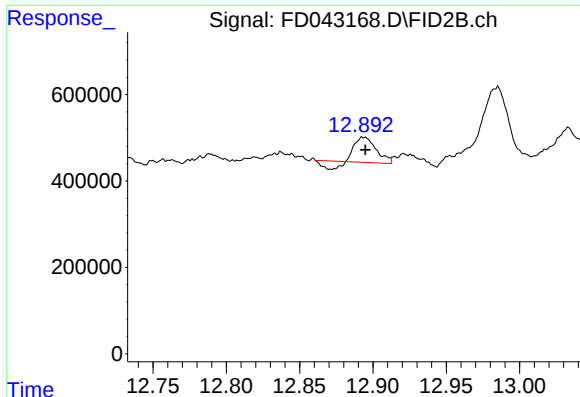
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 8387329
Conc: 46.15 ug/ml



#12 Fluoranthene (C21.85)

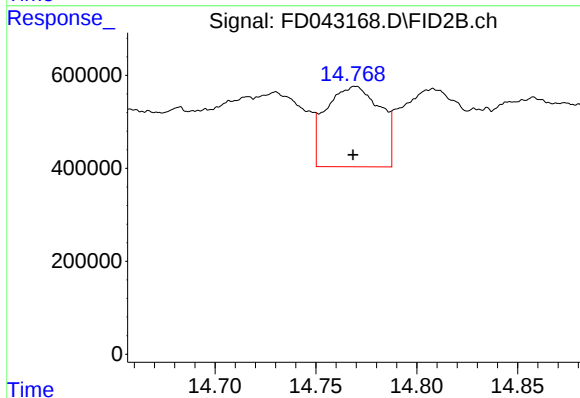
R.T.: 12.599 min
Delta R.T.: 0.002 min
Response: 833428
Conc: 4.97 ug/ml



#13 Pyrene (C20.8)

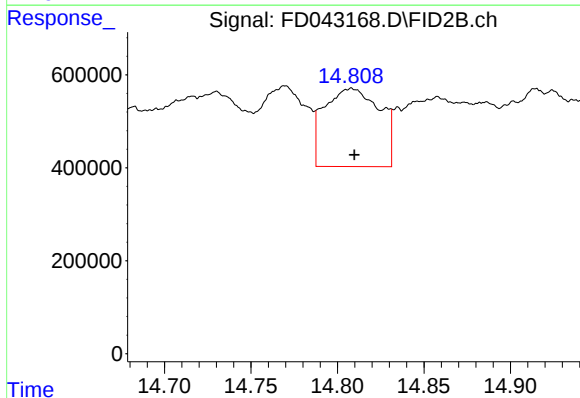
R.T.: 12.894 min
Delta R.T.: -0.001 min
Response: 467335
Conc: 2.87 ug/ml

Instrument :
FID_D
ClientSampleId :



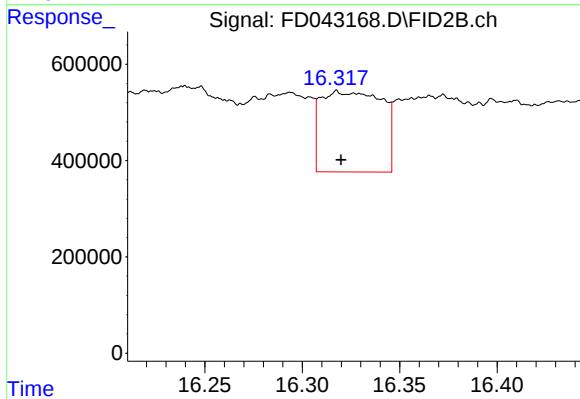
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 3233233
Conc: 20.82 ug/ml



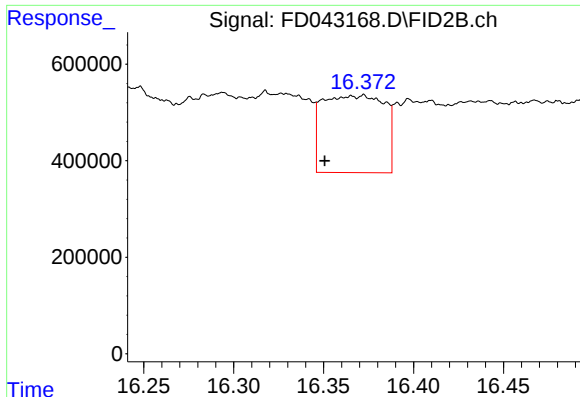
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: -0.002 min
Response: 3736827
Conc: 23.68 ug/ml



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

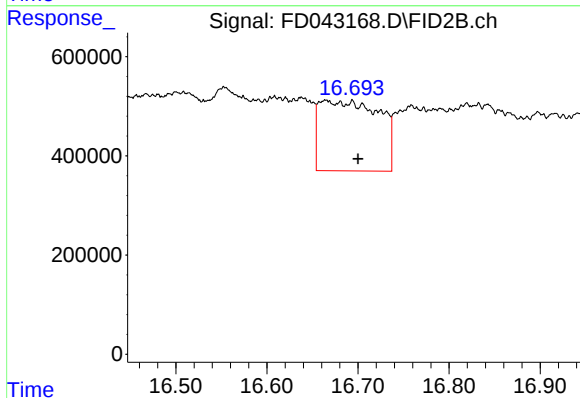
R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 3673097
Conc: 24.10 ug/ml



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

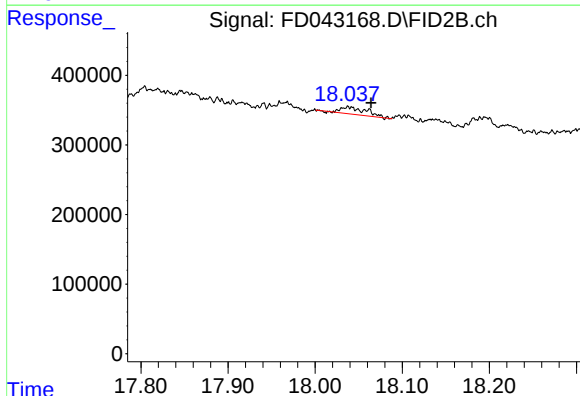
R.T.: 16.370 min
Delta R.T.: 0.020 min
Response: 3840349
Conc: 26.24 ug/ml

Instrument :
FID_D
ClientSampleId :



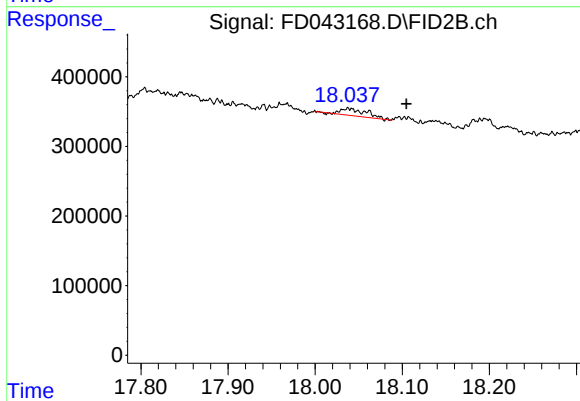
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.664 min
Delta R.T.: -0.036 min
Response: 6463632
Conc: 45.19 ug/ml



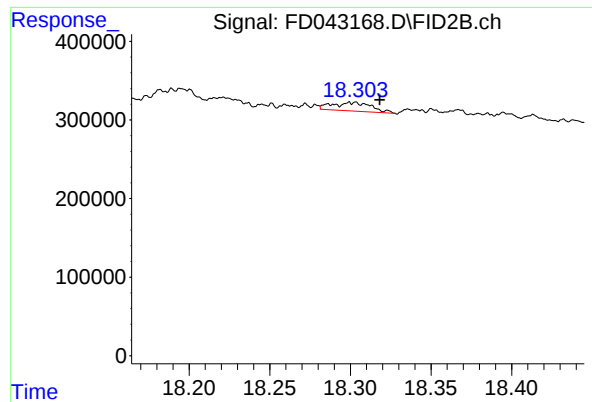
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: -0.026 min
Response: 207262
Conc: 1.66 ug/ml



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

R.T.: 18.038 min
Delta R.T.: -0.066 min
Response: 207262
Conc: 1.54 ug/ml



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

R.T.: 18.302 min
Delta R.T.: -0.016 min
Response: 186496
Conc: 1.43 ug/ml

Instrument :

FID_D

ClientSampleId :