

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043098.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 23:50
 Operator : YP/AJ
 Sample : N3514-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:52:01 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...	7.640	14452337	93.598 ug/ml
Spiked Amount 50.000		Recovery =	187.20%
6) S 2-Fluorobiphenyl (SURR)	8.509	7159594	67.880 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	135.76%#
11) S ortho-Terphenyl (SURR)	11.557	10541439	58.000 ug/ml
Spiked Amount 50.000		Recovery =	116.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.427	108865	0.648 ug/ml
2) T Naphthalene (C11.7)	5.970	942924	5.386 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	7882556	49.007 ug/ml
5) T Acenaphthylene (C15.06)	8.299	18321838	103.078 ug/ml
7) T Acenaphthene (C15.5)	8.617	7131705	40.726 ug/ml
8) T Flouorene (C16.55)	9.389	3786449	21.844 ug/ml
9) T Phenanthrene (C19.36)	10.791	16528463	96.370 ug/ml
10) T Anthracene (C19.43)	10.867	6876184	40.473 ug/ml
12) T Fluoranthene (C21.85)	12.606	1369118	8.163 ug/ml
14) T Benzo[a]anthracene (C...	14.767	395443	2.546 ug/ml
15) T Chrysene (C27.41)	14.807	572694	3.629 ug/ml
16) T benzo[b]fluoranthene ...	16.336	699875	4.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	699875	4.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.689	811078	5.671 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	378005	3.021 ug/ml
20) T Dibenz[a,h]anthracene...	18.145	61703	0.459 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	456936	3.503 ug/ml

(f)=RT Delta > 1/2 Window

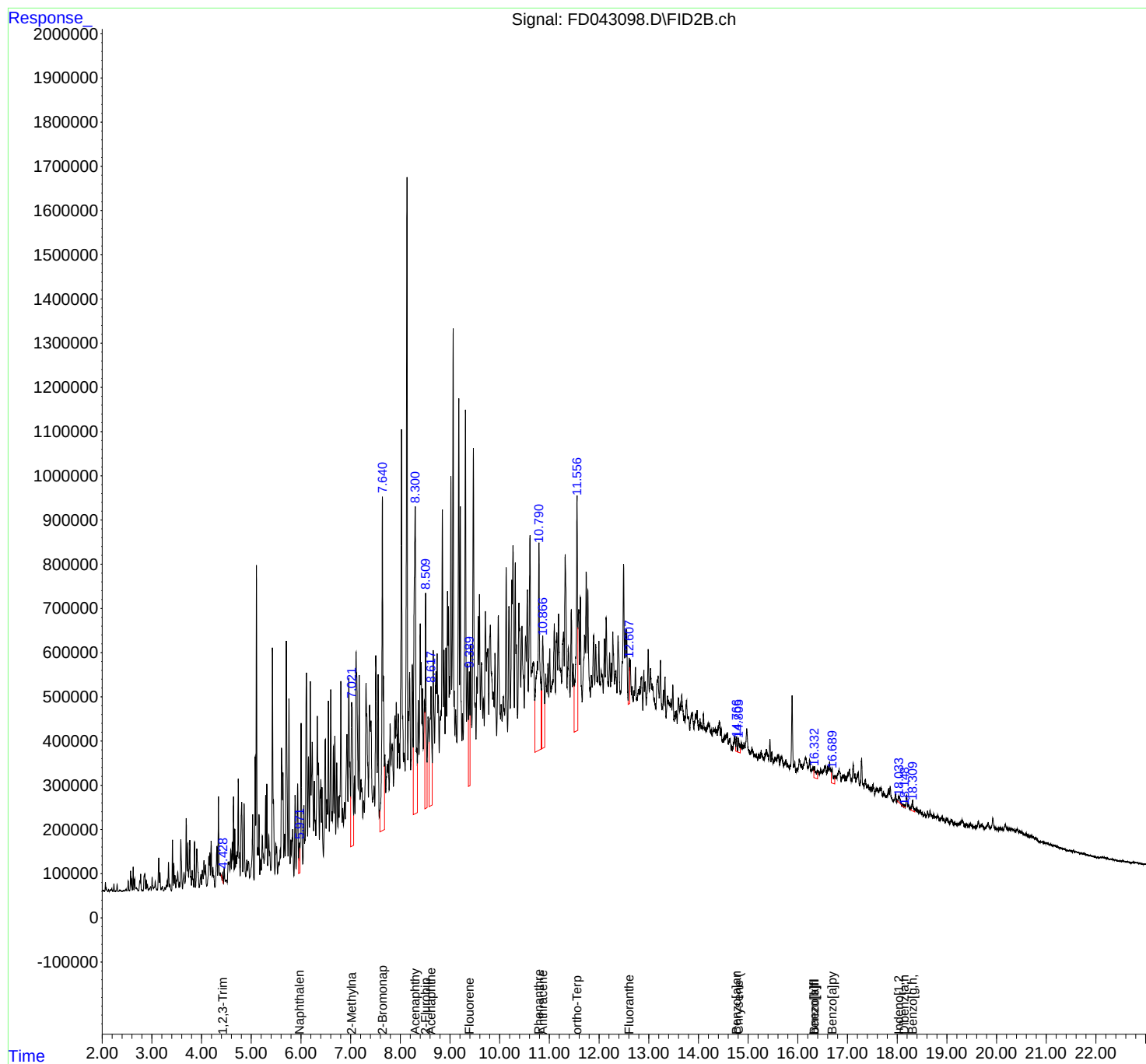
(m)=manual int.

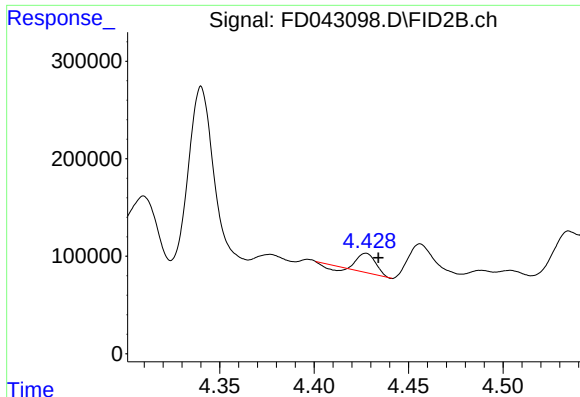
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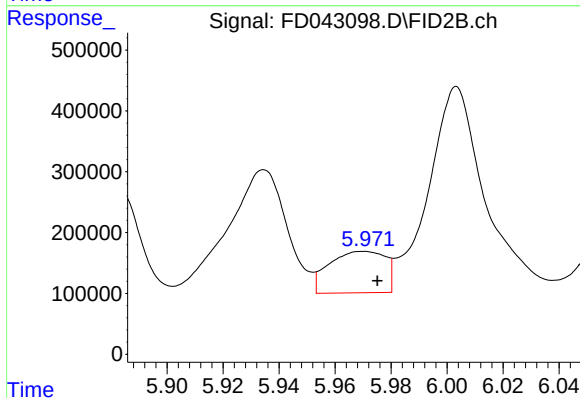




#1 1,2,3-Trimethylbenzene (C10.1)

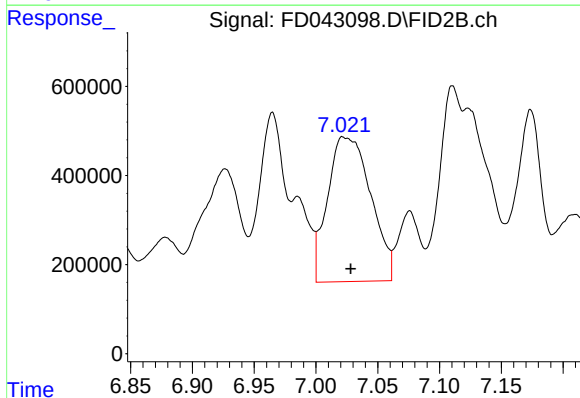
R.T.: 4.427 min
Delta R.T.: -0.007 min
Response: 108865
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



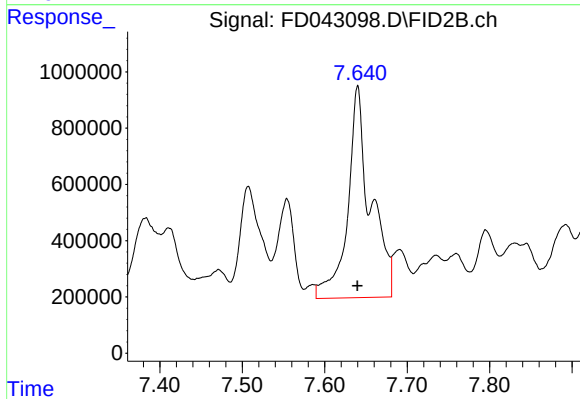
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 942924
Conc: 5.39 ug/ml



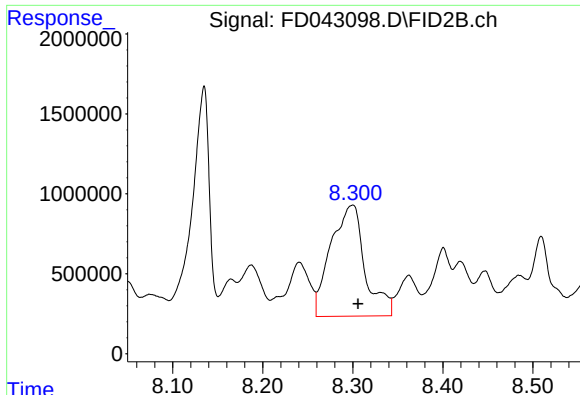
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 7882556
Conc: 49.01 ug/ml



#4 2-Bromonaphthalene (SURR)

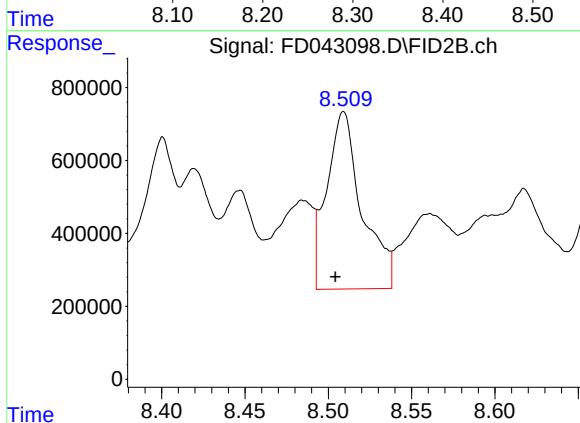
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 14452337
Conc: 93.60 ug/ml



#5 Acenaphthylene (C15.06)

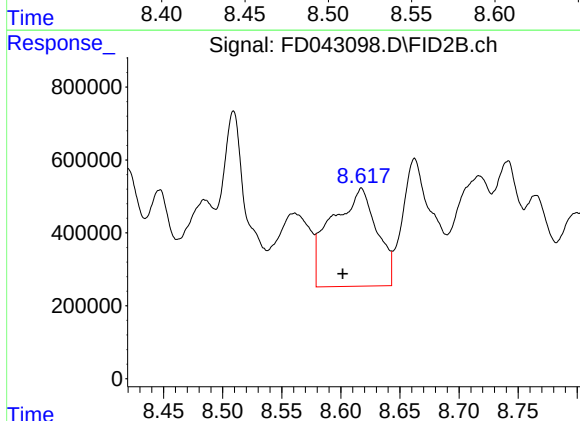
R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 18321838
Conc: 103.08 ug/ml

Instrument :
FID_D
ClientSampleId :



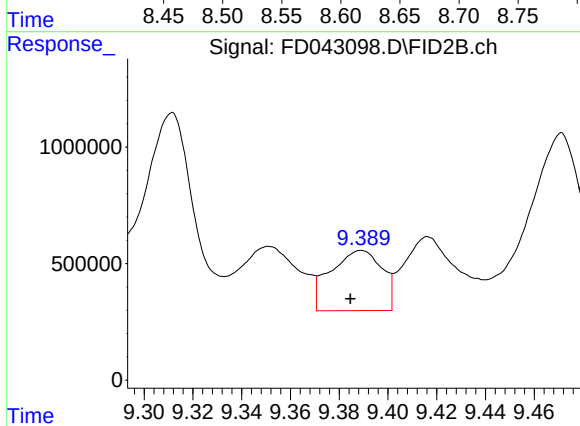
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.509 min
Delta R.T.: 0.005 min
Response: 7159594
Conc: 67.88 ug/ml



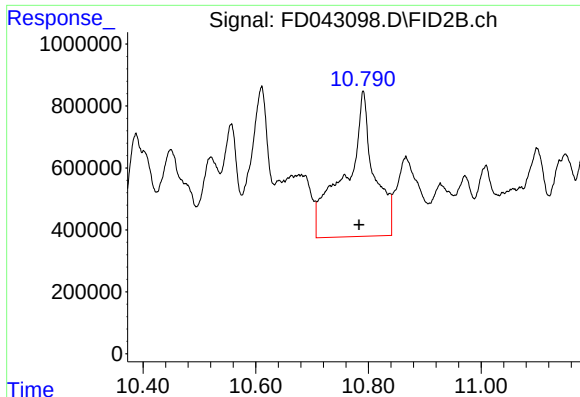
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: 0.016 min
Response: 7131705
Conc: 40.73 ug/ml



#8 Flouorene (C16.55)

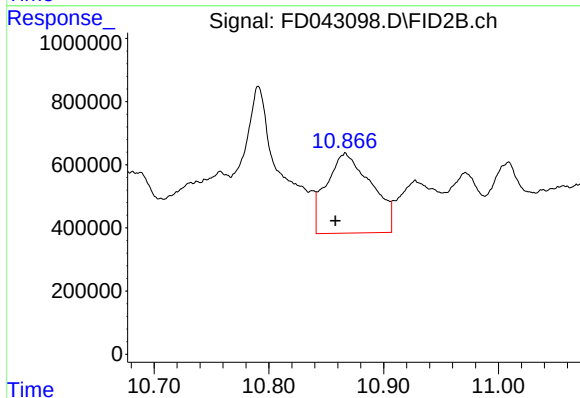
R.T.: 9.389 min
Delta R.T.: 0.004 min
Response: 3786449
Conc: 21.84 ug/ml



#9 Phenanthrene (C19.36)

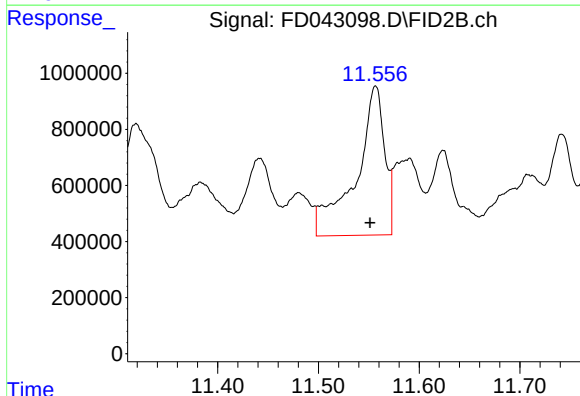
R.T.: 10.791 min
Delta R.T.: 0.007 min
Response: 16528463
Conc: 96.37 ug/ml

Instrument :
FID_D
ClientSampleId :



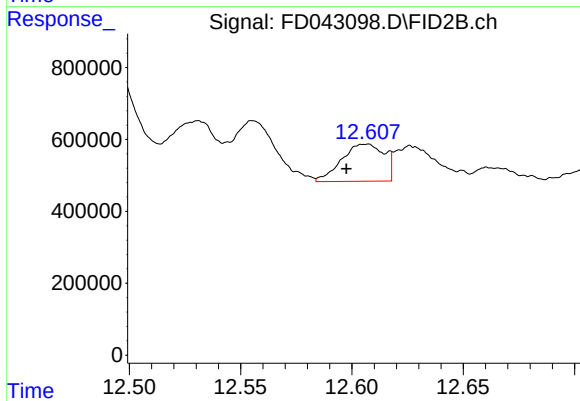
#10 Anthracene (C19.43)

R.T.: 10.867 min
Delta R.T.: 0.009 min
Response: 6876184
Conc: 40.47 ug/ml



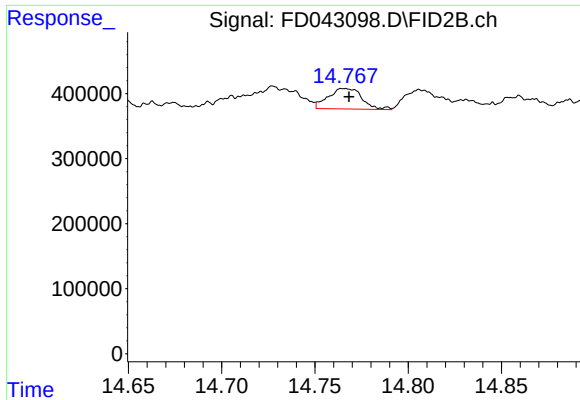
#11 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.005 min
Response: 10541439
Conc: 58.00 ug/ml



#12 Fluoranthene (C21.85)

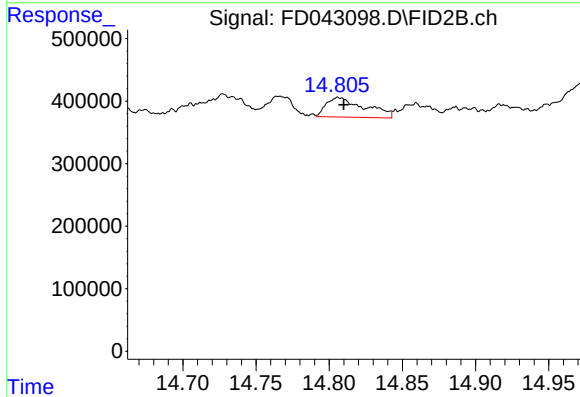
R.T.: 12.606 min
Delta R.T.: 0.008 min
Response: 1369118
Conc: 8.16 ug/ml



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

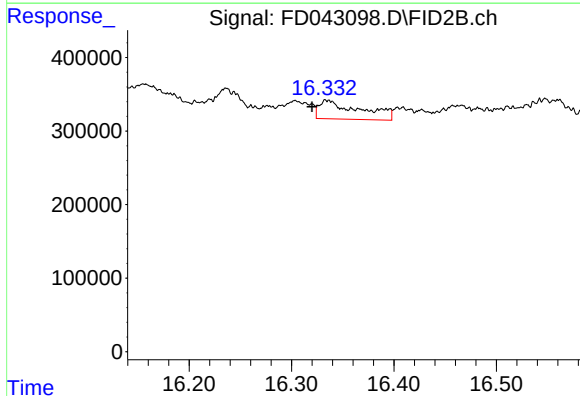
R.T.: 14.767 min
Delta R.T.: -0.001 min
Response: 395443
Conc: 2.55 ug/ml

Instrument :
FID_D
ClientSampleId :



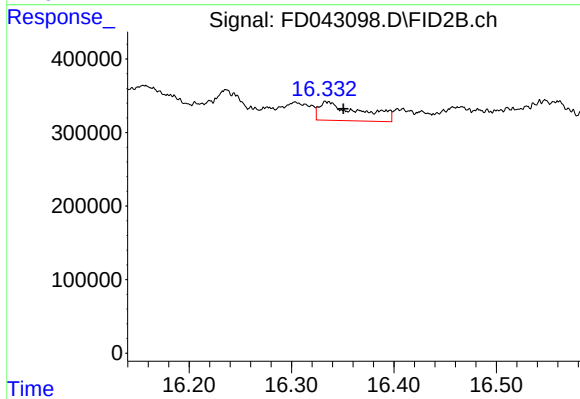
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.003 min
Response: 572694
Conc: 3.63 ug/ml



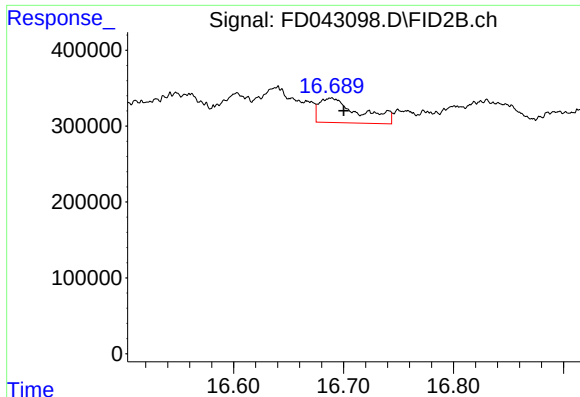
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.336 min
Delta R.T.: 0.016 min
Response: 699875
Conc: 4.59 ug/ml



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

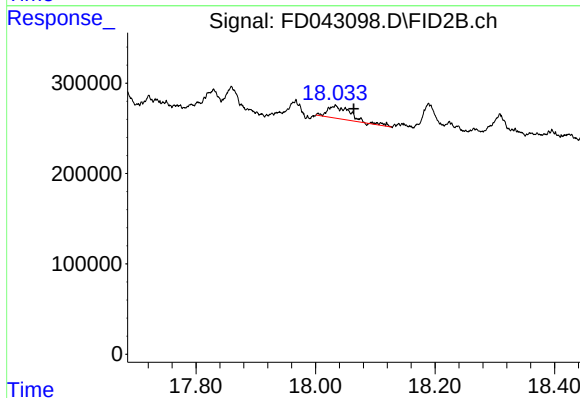
R.T.: 16.336 min
Delta R.T.: -0.015 min
Response: 699875
Conc: 4.78 ug/ml



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

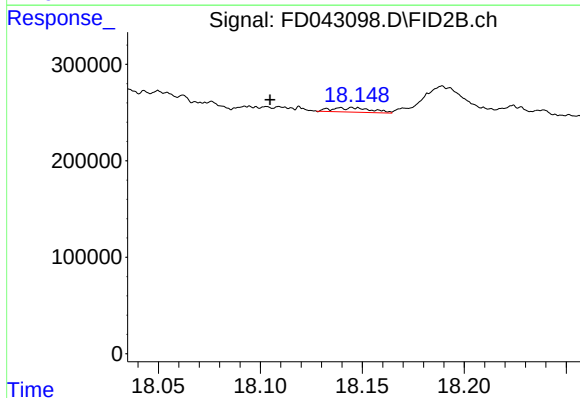
R.T.: 16.689 min
Delta R.T.: -0.011 min
Response: 811078
Conc: 5.67 ug/ml

Instrument :
FID_D
ClientSampleId :



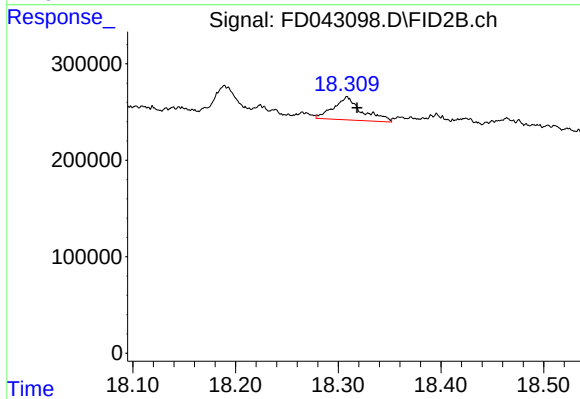
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.031 min
Response: 378005
Conc: 3.02 ug/ml



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

R.T.: 18.145 min
Delta R.T.: 0.040 min
Response: 61703
Conc: 0.46 ug/ml



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

R.T.: 18.308 min
Delta R.T.: -0.010 min
Response: 456936
Conc: 3.50 ug/ml