

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043093.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 20:19
 Operator : YP/AJ
 Sample : N3514-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:50:43 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...	7.641	15826381	102.496 ug/ml
Spiked Amount 50.000		Recovery =	204.99%
6) S 2-Fluorobiphenyl (SURR)	8.510	14528855	137.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	275.49%#
11) S ortho-Terphenyl (SURR)	11.552	9715736	53.457 ug/ml
Spiked Amount 50.000		Recovery =	106.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.456	585809	3.488 ug/ml
2) T Naphthalene (C11.7)	6.004	6067728	34.659 ug/ml
3) T 2-Methylnaphthalene (...)	7.036	11361496	70.637 ug/ml
5) T Acenaphthylene (C15.06)	8.299	23750173	133.617 ug/ml
7) T Acenaphthene (C15.5)	8.617	9230399	52.711 ug/ml
8) T Fluorene (C16.55)	9.389	6447439	37.195 ug/ml
9) T Phenanthrene (C19.36)	10.786	10161680	59.248 ug/ml
10) T Anthracene (C19.43)	10.864	6011065	35.381 ug/ml
12) T Fluoranthene (C21.85)	12.597	1732160	10.328 ug/ml
13) T Pyrene (C20.8)	12.890	358720	2.201 ug/ml
14) T Benzo[a]anthracene (C...	14.757	228955	1.474 ug/ml
15) T Chrysene (C27.41)	14.798	145804	0.924 ug/ml
16) T benzo[b]fluoranthene ...	16.305	397200	2.606 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	397200	2.714 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	331462	2.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.045	263453	2.105 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	37576	0.280 ug/ml
21) T Benzo[g,h,i]perylene ...	18.302	242856	1.862 ug/ml

(f)=RT Delta > 1/2 Window

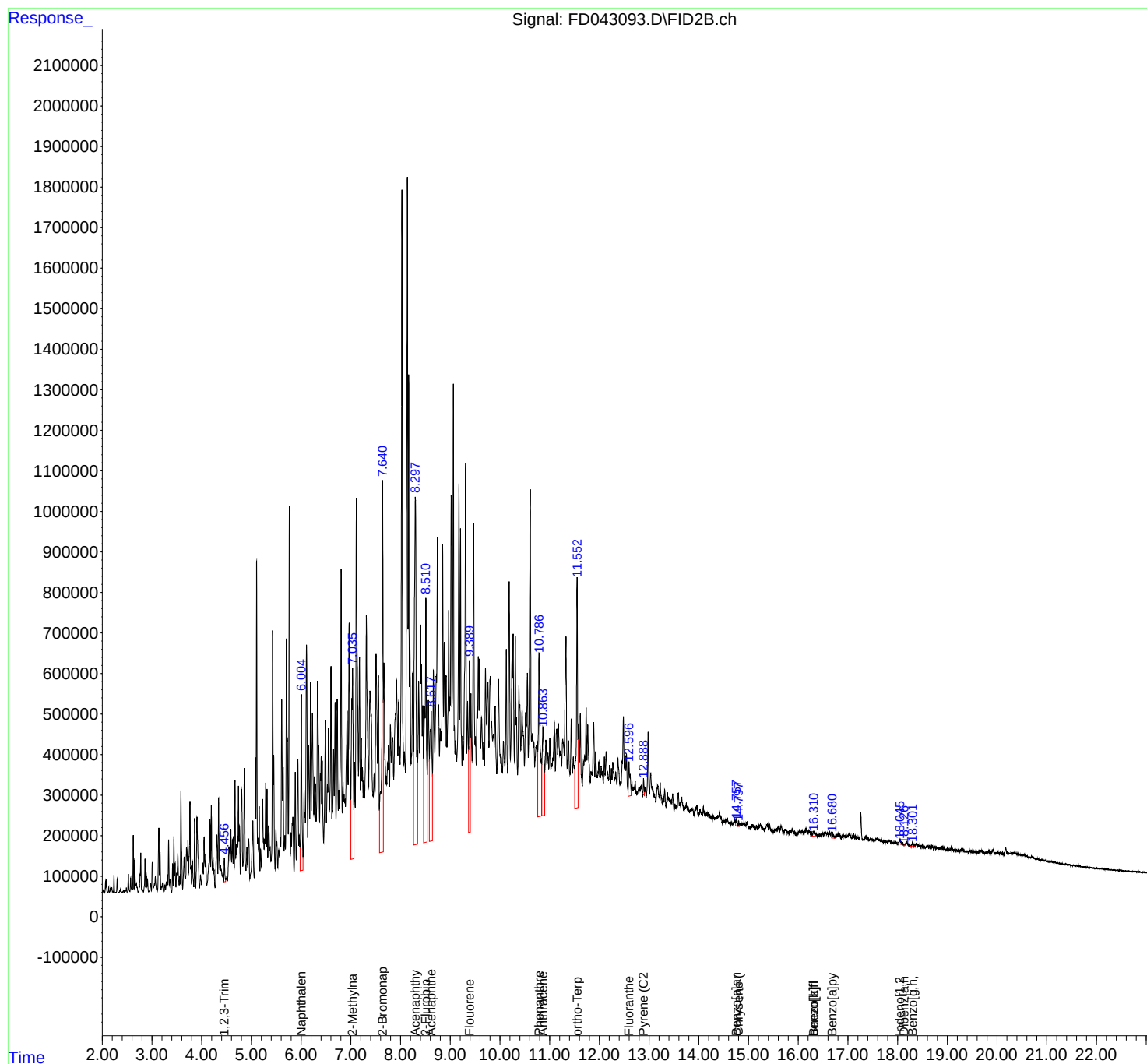
(m)=manual int.

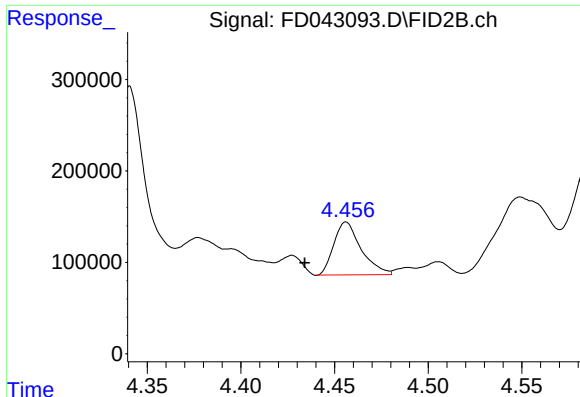
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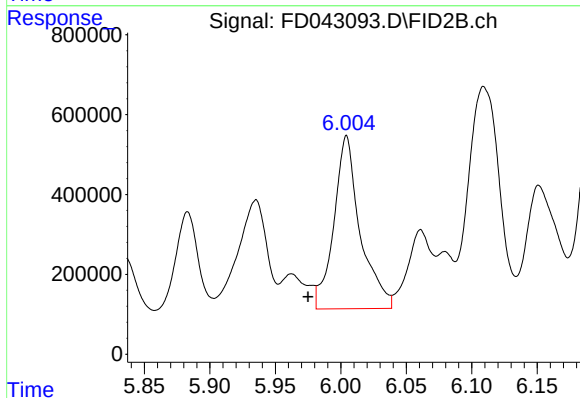




#1 1,2,3-Trimethylbenzene (C10.1)

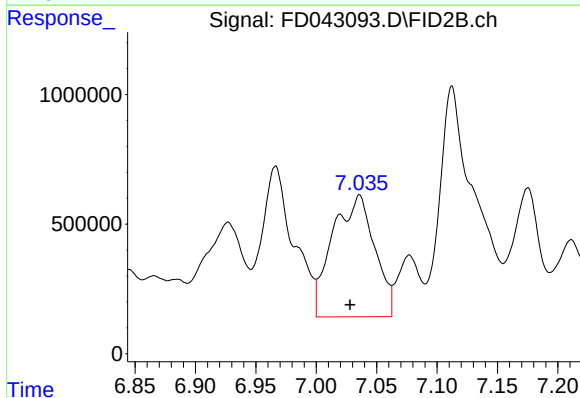
R.T.: 4.456 min
Delta R.T.: 0.022 min
Response: 585809
Conc: 3.49 ug/ml

Instrument :
FID_D
ClientSampleId :



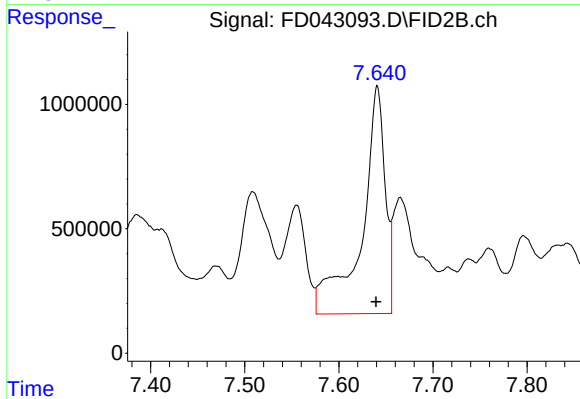
#2 Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.029 min
Response: 6067728
Conc: 34.66 ug/ml



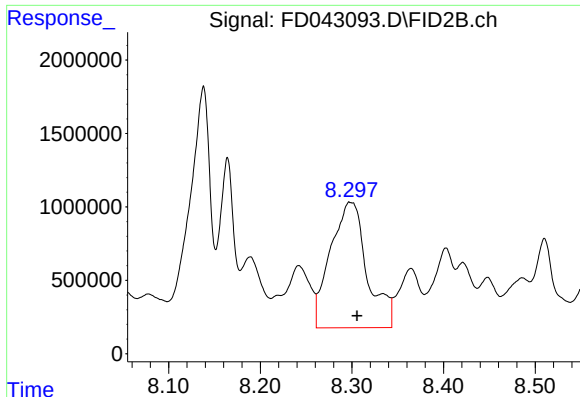
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: 0.008 min
Response: 11361496
Conc: 70.64 ug/ml



#4 2-Bromonaphthalene (SURR)

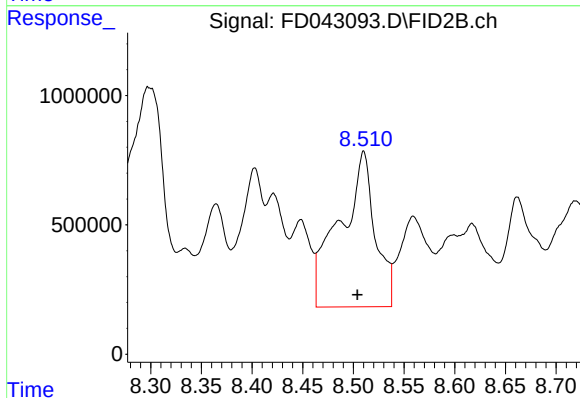
R.T.: 7.641 min
Delta R.T.: 0.001 min
Response: 15826381
Conc: 102.50 ug/ml



#5 Acenaphthylene (C15.06)

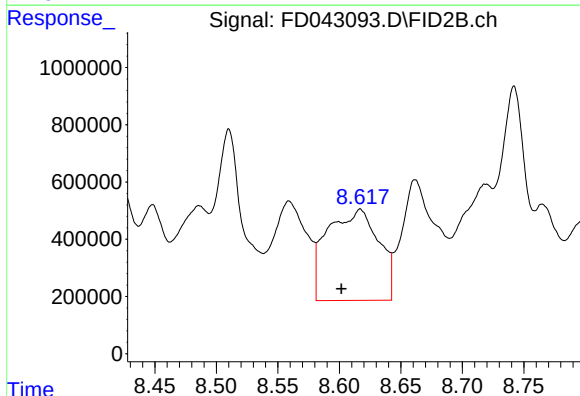
R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 23750173
Conc: 133.62 ug/ml

Instrument :
FID_D
ClientSampleId :



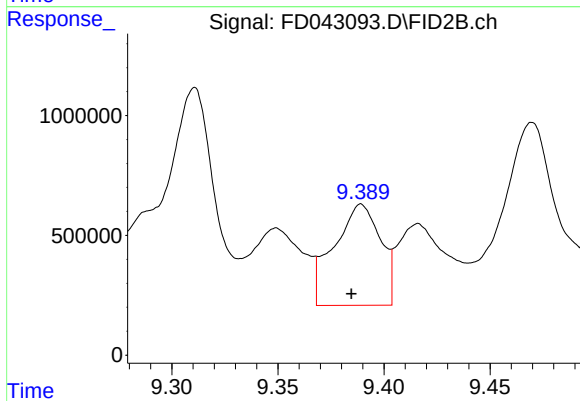
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: 0.006 min
Response: 14528855
Conc: 137.75 ug/ml



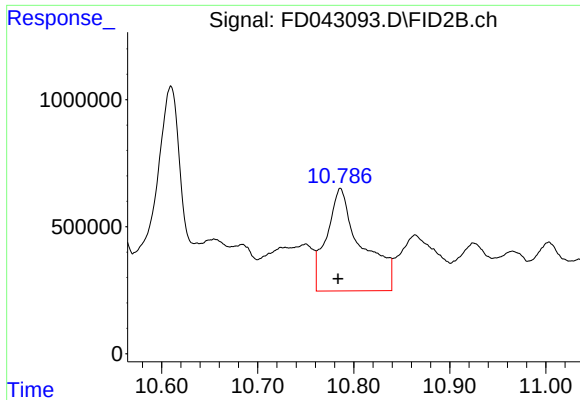
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: 0.015 min
Response: 9230399
Conc: 52.71 ug/ml



#8 Fluorene (C16.55)

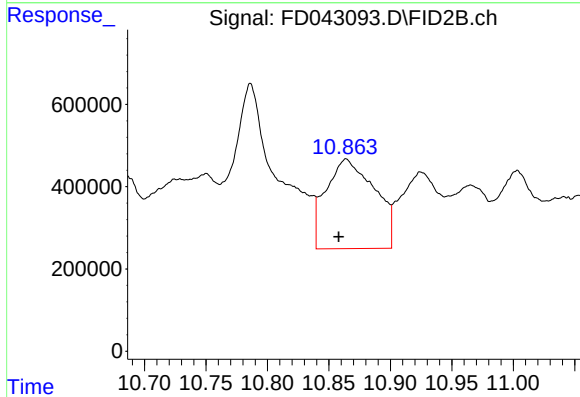
R.T.: 9.389 min
Delta R.T.: 0.005 min
Response: 6447439
Conc: 37.20 ug/ml



#9 Phenanthrene (C19.36)

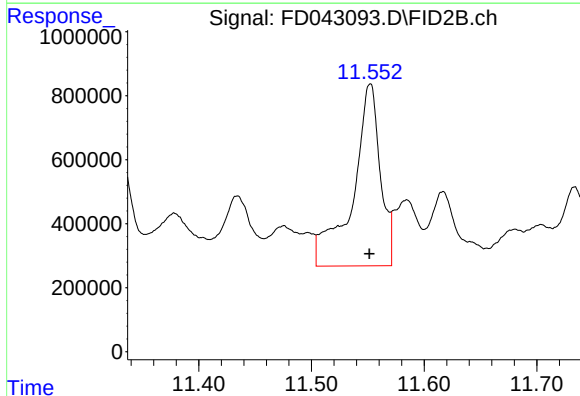
R.T.: 10.786 min
Delta R.T.: 0.002 min
Response: 10161680
Conc: 59.25 ug/ml

Instrument :
FID_D
ClientSampleId :



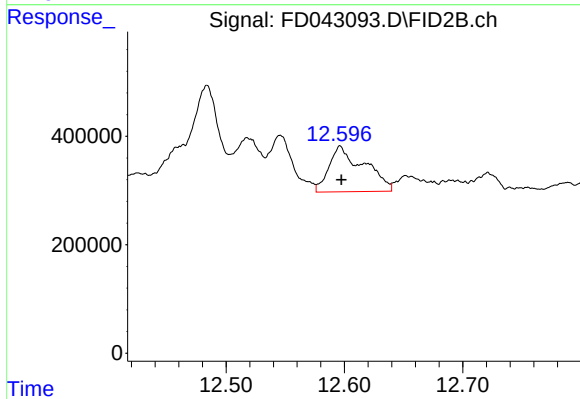
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: 0.006 min
Response: 6011065
Conc: 35.38 ug/ml



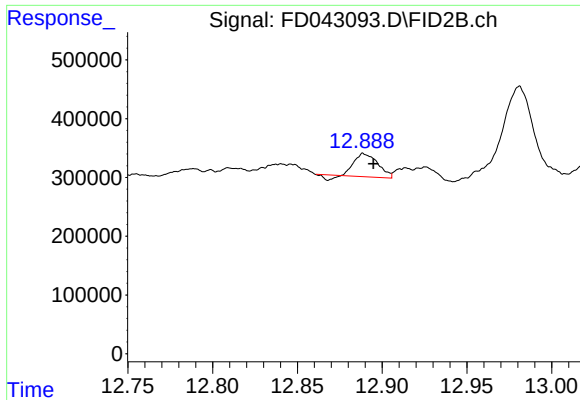
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 9715736
Conc: 53.46 ug/ml



#12 Fluoranthene (C21.85)

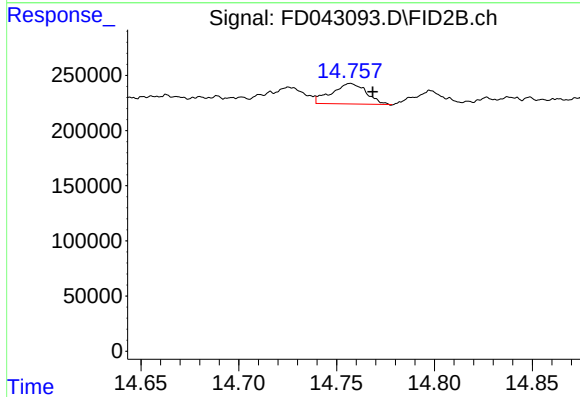
R.T.: 12.597 min
Delta R.T.: 0.000 min
Response: 1732160
Conc: 10.33 ug/ml



#13 Pyrene (C20.8)

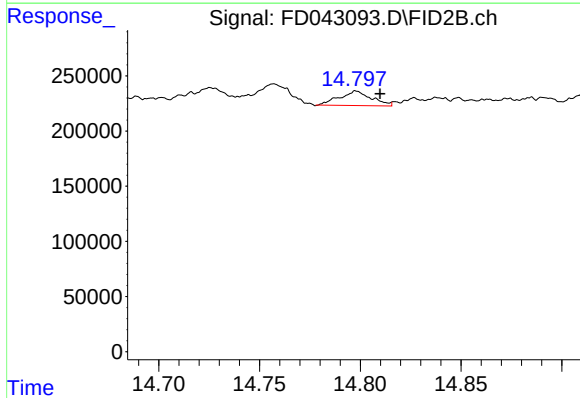
R.T.: 12.890 min
Delta R.T.: -0.005 min
Response: 358720
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :



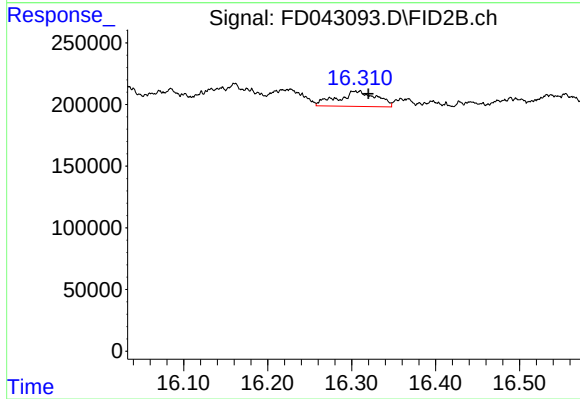
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.757 min
Delta R.T.: -0.011 min
Response: 228955
Conc: 1.47 ug/ml



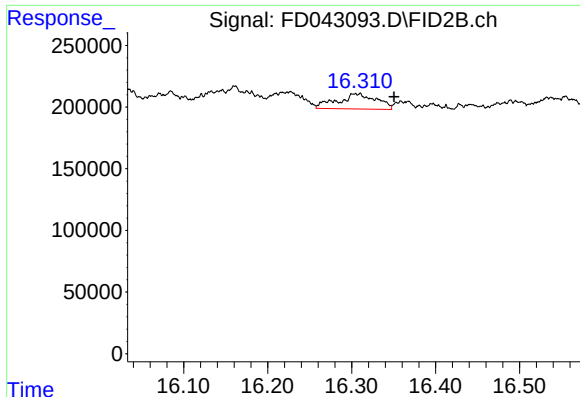
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: -0.012 min
Response: 145804
Conc: 0.92 ug/ml



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

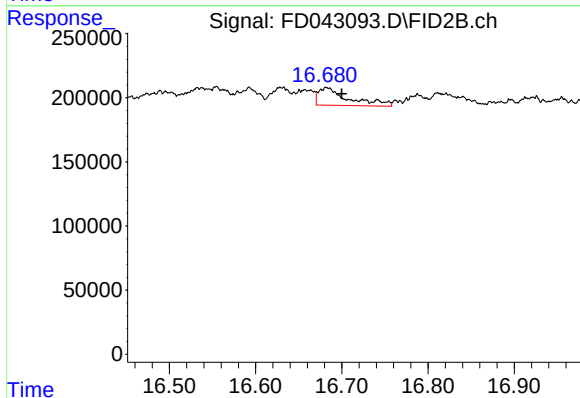
R.T.: 16.305 min
Delta R.T.: -0.015 min
Response: 397200
Conc: 2.61 ug/ml



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

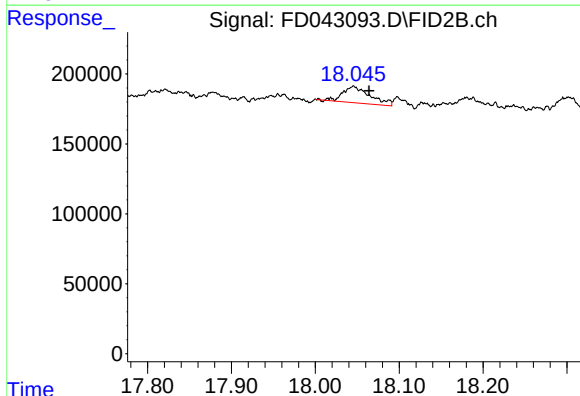
R.T.: 16.305 min
Delta R.T.: -0.045 min
Response: 397200
Conc: 2.71 ug/ml

Instrument :
FID_D
ClientSampleId :



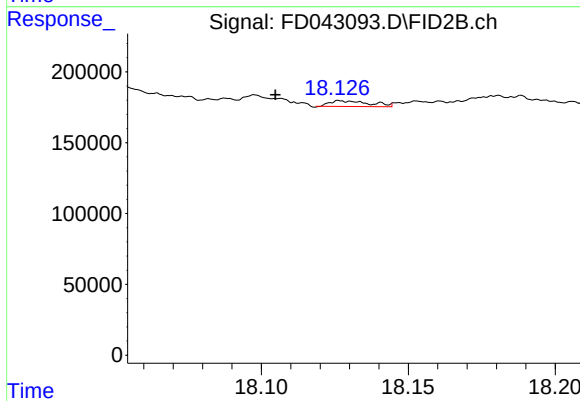
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.017 min
Response: 331462
Conc: 2.32 ug/ml



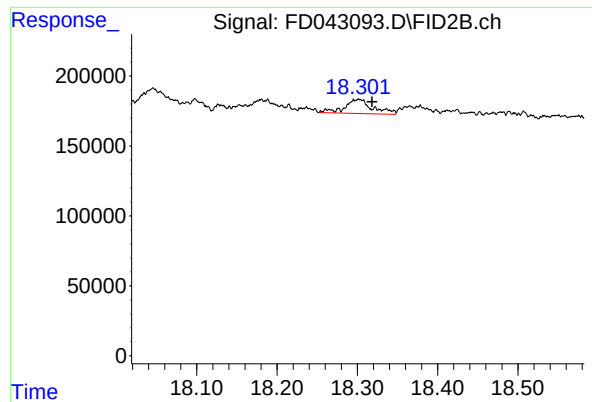
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min
Delta R.T.: -0.019 min
Response: 263453
Conc: 2.11 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.024 min
Response: 37576
Conc: 0.28 ug/ml



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

R.T.: 18.302 min
Delta R.T.: -0.016 min
Response: 242856
Conc: 1.86 ug/ml

Instrument :

FID_D

ClientSampleId :