

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047849.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 08:21
 Operator : YP/AJ
 Sample : P2560-10MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 23:48:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.451	10919266	77.777 ug/ml
Spiked Amount 50.000		Recovery =	155.55%
6) S 2-Fluorobiphenyl (SURR)	8.307	12409170	133.991 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	267.98%#
11) S ortho-Terphenyl (SURR)	11.382	100490852	628.515 ug/ml
Spiked Amount 50.000		Recovery =	1257.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.261	5287539	33.478 ug/ml
2) T Naphthalene (C11.7)	5.787	6638935	40.673 ug/ml
3) T 2-Methylnaphthalene (...)	6.838	8644260	52.459 ug/ml
5) T Acenaphthylene (C15.06)	8.111	13246766	81.047 ug/ml
7) T Acenaphthene (C15.5)	8.407	13644446	83.564 ug/ml
8) T Flouorene (C16.55)	9.194	31094857	197.660 ug/ml
9) T Phenanthrene (C19.36)	10.609	90490417	586.814 ug/ml
10) T Anthracene (C19.43)	10.685	79574176	529.317 ug/ml
12) T Fluoranthene (C21.85)	12.388	33334466	219.660 ug/ml
13) T Pyrene (C20.8)	12.674	28354255	188.082 ug/ml
14) T Benzo[a]anthracene (C...	14.568	17969146	131.081 ug/ml
15) T Chrysene (C27.41)	14.613	14781525	100.337 ug/ml
16) T benzo[b]fluoranthene ...	16.110	12855256	91.339 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	8940789	65.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	10582686	76.455 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	9785684	84.885 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	7468563	56.009 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	8561735	64.380 ug/ml

(f)=RT Delta > 1/2 Window

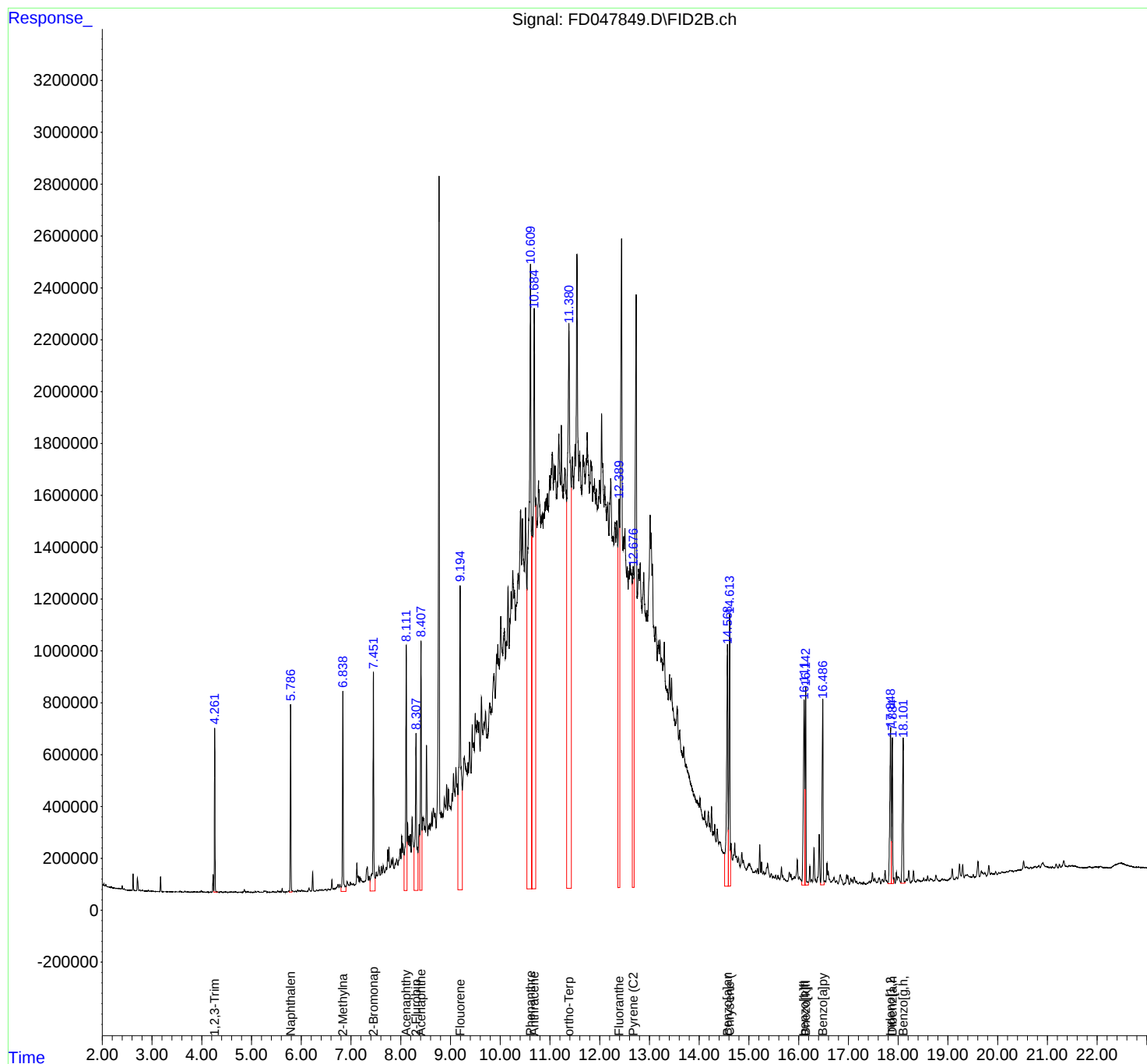
(m)=manual int.

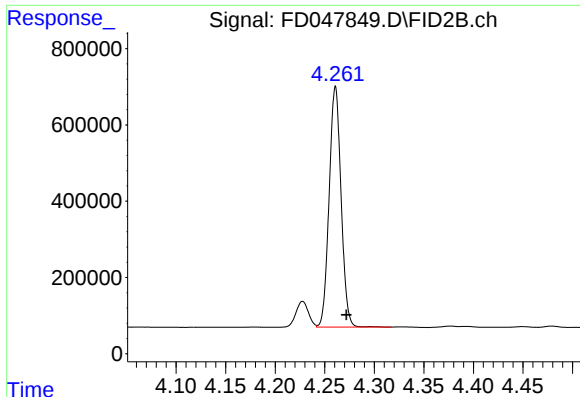
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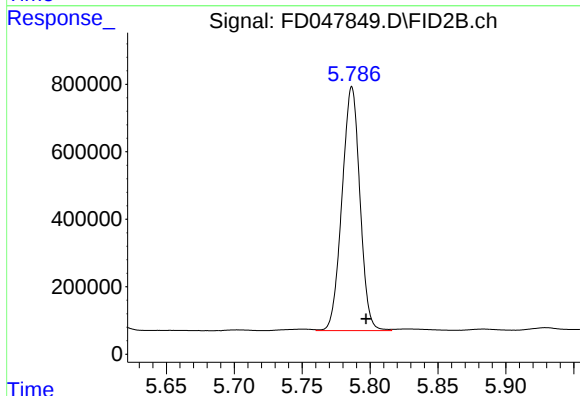




#1 1,2,3-Trimethylbenzene (C10.1)

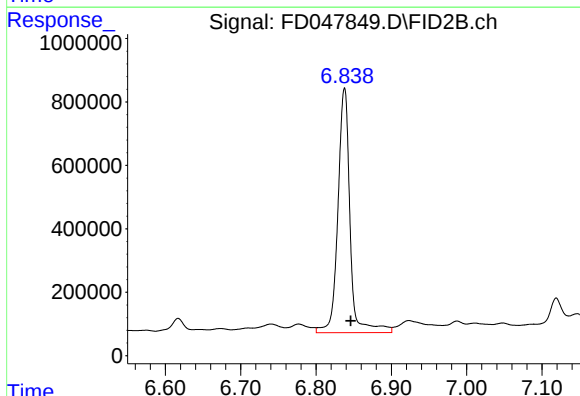
R.T.: 4.261 min
Delta R.T.: -0.011 min
Response: 5287539
Conc: 33.48 ug/ml

Instrument :
FID_D
ClientSampleId :



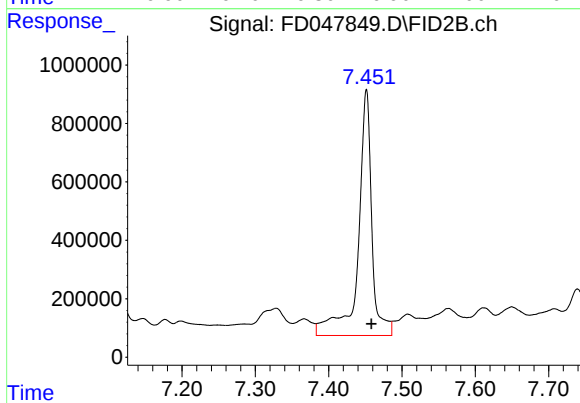
#2 Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: -0.011 min
Response: 6638935
Conc: 40.67 ug/ml



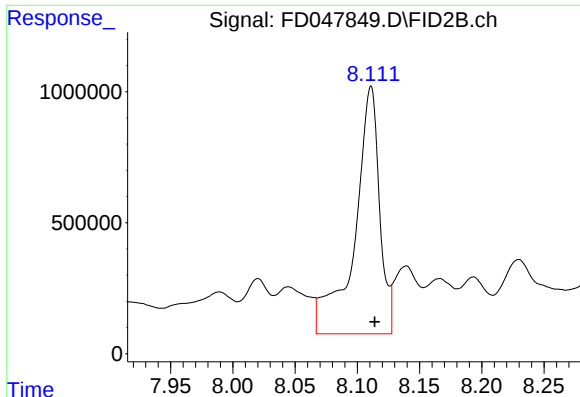
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.838 min
Delta R.T.: -0.008 min
Response: 8644260
Conc: 52.46 ug/ml



#4 2-Bromonaphthalene (SURR)

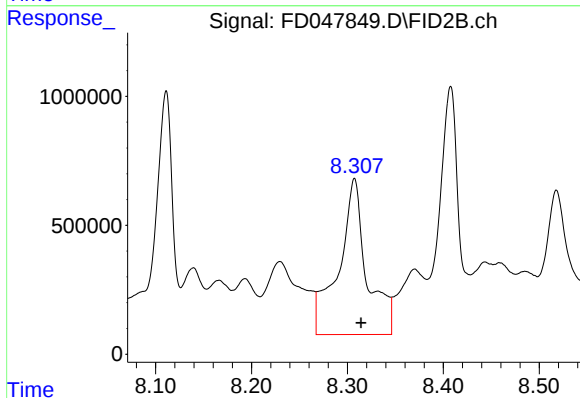
R.T.: 7.451 min
Delta R.T.: -0.007 min
Response: 10919266
Conc: 77.78 ug/ml



#5 Acenaphthylene (C15.06)

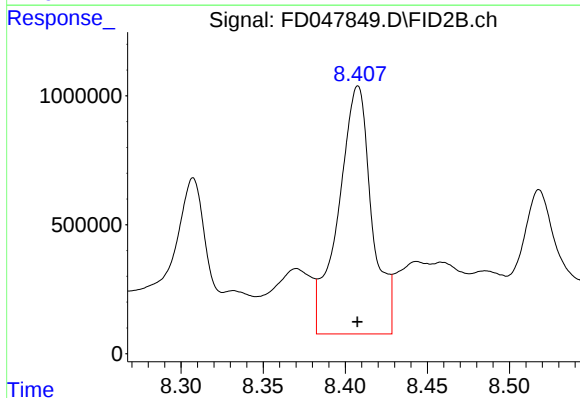
R.T.: 8.111 min
Delta R.T.: -0.003 min
Response: 13246766
Conc: 81.05 ug/ml

Instrument :
FID_D
ClientSampleId :



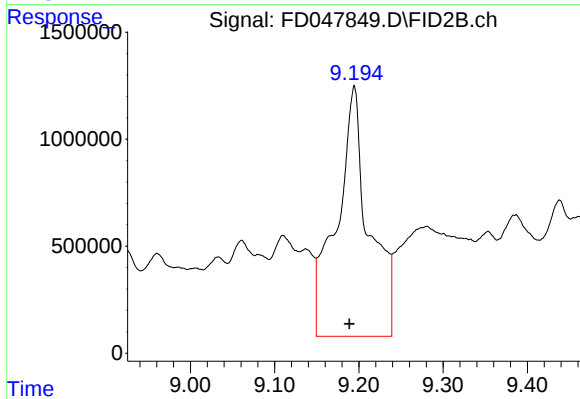
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 12409170
Conc: 133.99 ug/ml



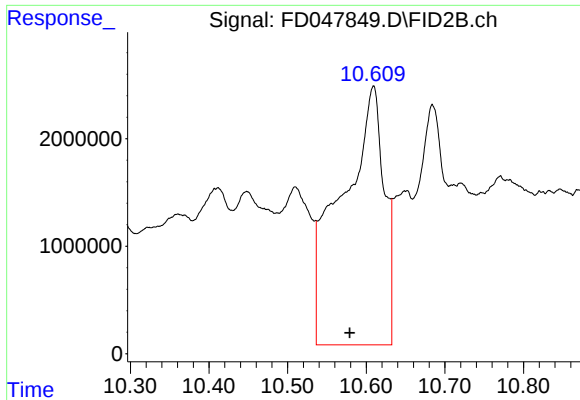
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 13644446
Conc: 83.56 ug/ml



#8 Fluorene (C16.55)

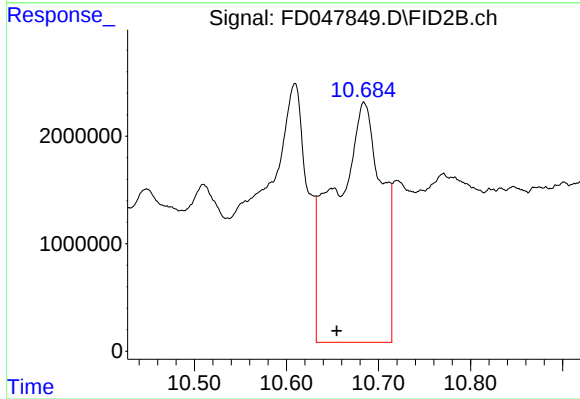
R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 31094857
Conc: 197.66 ug/ml



#9 Phenanthrene (C19.36)

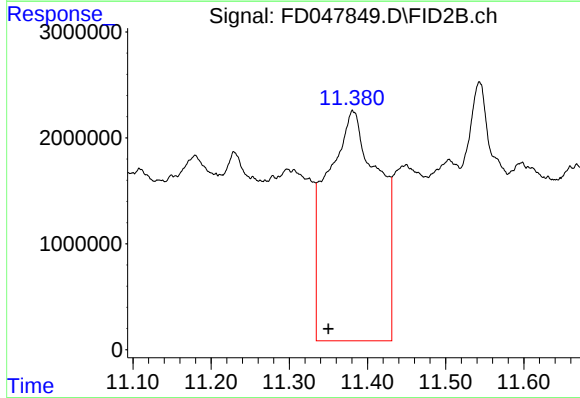
R.T.: 10.609 min
Delta R.T.: 0.030 min
Response: 90490417
Conc: 586.81 ug/ml

Instrument :
FID_D
ClientSampleId :



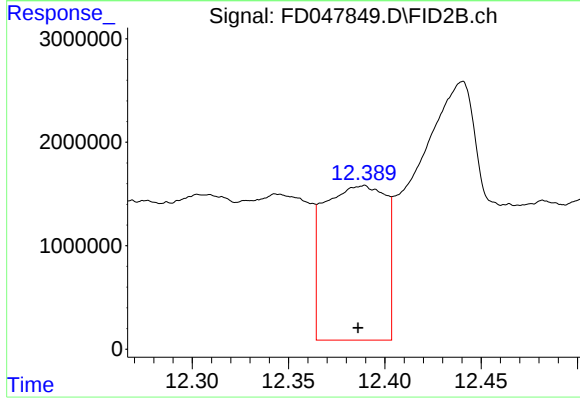
#10 Anthracene (C19.43)

R.T.: 10.685 min
Delta R.T.: 0.030 min
Response: 79574176
Conc: 529.32 ug/ml



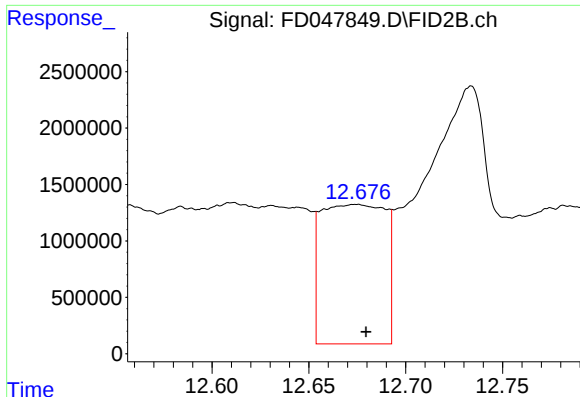
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.032 min
Response: 100490852
Conc: 628.51 ug/ml



#12 Fluoranthene (C21.85)

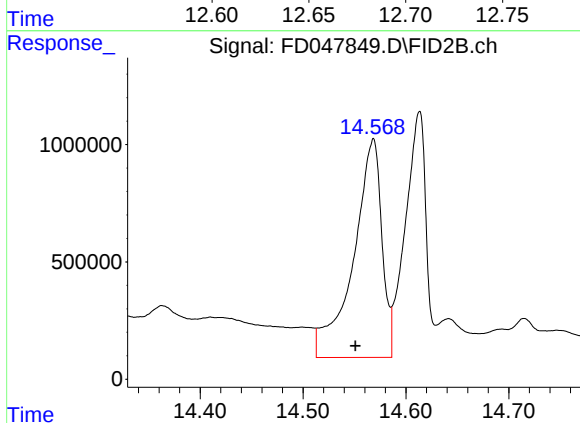
R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 33334466
Conc: 219.66 ug/ml



#13 Pyrene (C20.8)

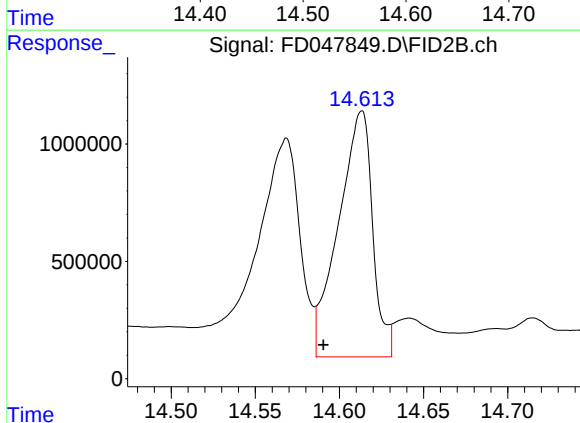
R.T.: 12.674 min
Delta R.T.: -0.005 min
Response: 28354255
Conc: 188.08 ug/ml

Instrument :
FID_D
ClientSampleId :



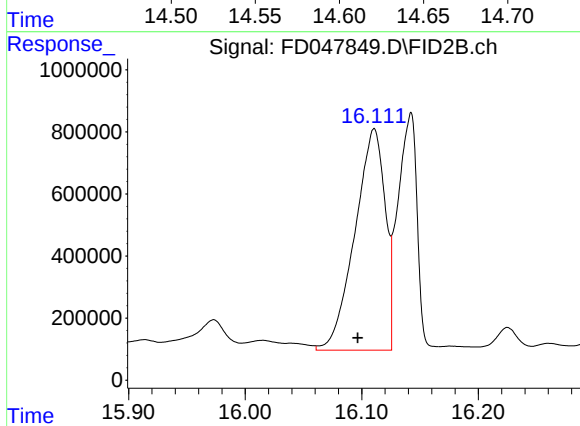
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.017 min
Response: 17969146
Conc: 131.08 ug/ml



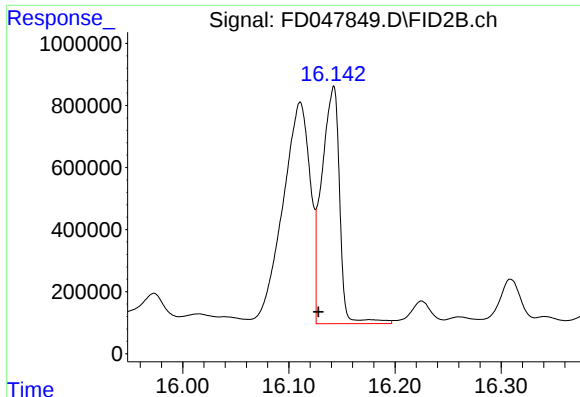
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: 0.022 min
Response: 14781525
Conc: 100.34 ug/ml



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

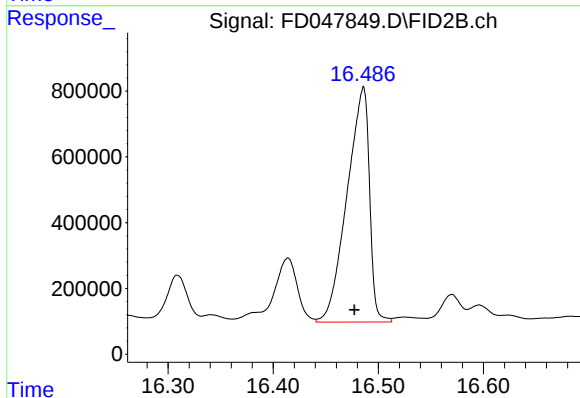
R.T.: 16.110 min
Delta R.T.: 0.014 min
Response: 12855256
Conc: 91.34 ug/ml



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

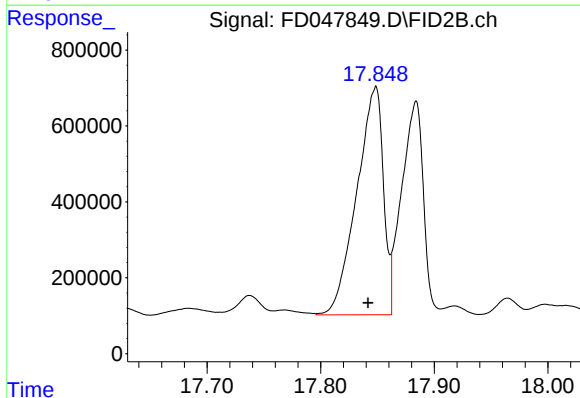
R.T.: 16.141 min
Delta R.T.: 0.013 min
Response: 8940789
Conc: 65.65 ug/ml

Instrument :
FID_D
ClientSampleId :



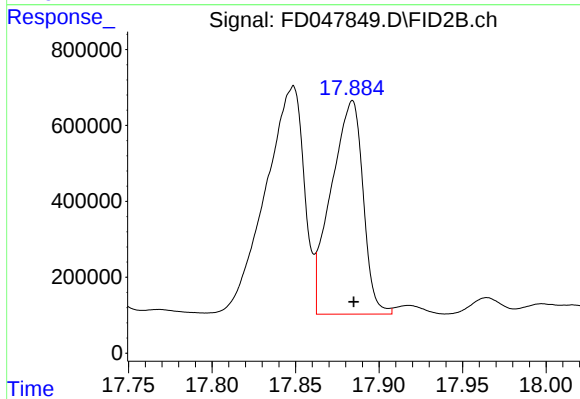
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.007 min
Response: 10582686
Conc: 76.46 ug/ml



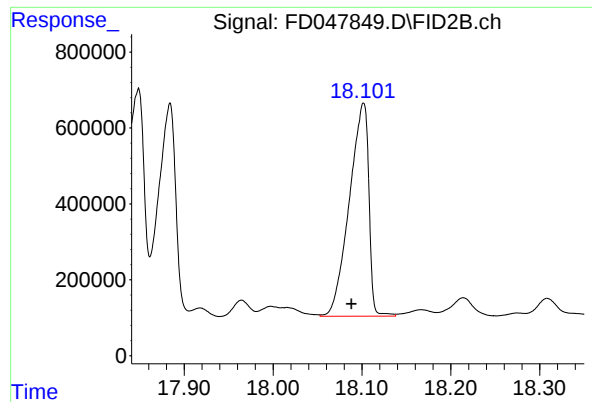
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.006 min
Response: 9785684
Conc: 84.89 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.002 min
Response: 7468563
Conc: 56.01 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.012 min
Response: 8561735
Conc: 64.38 ug/ml

Instrument :

FID_D

ClientSampleId :