

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045700.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 23:19
 Operator : YP/AJ
 Sample : 02837-01MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 00:36:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.546	8718937	51.116 ug/ml
Spiked Amount 50.000		Recovery =	102.23%
6) S 2-Fluorobiphenyl (SURR)	8.401	10564848	91.889 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	183.78%#
11) S ortho-Terphenyl (SURR)	11.444	17621705	83.467 ug/ml
Spiked Amount 50.000		Recovery =	166.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	2014474	10.792 ug/ml
2) T Naphthalene (C11.7)	5.882	3150207	16.015 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	7013973	35.506 ug/ml
5) T Acenaphthylene (C15.06)	8.206	7883199	43.877 ug/ml
7) T Acenaphthene (C15.5)	8.500	14449473	75.931 ug/ml
8) T Fluorene (C16.55)	9.282	6941592	36.807 ug/ml
9) T Phenanthrene (C19.36)	10.676	9544477	51.349 ug/ml
10) T Anthracene (C19.43)	10.752	14668868	82.053 ug/ml
12) T Fluoranthene (C21.85)	12.483	12650298	70.125 ug/ml
13) T Pyrene (C20.8)	12.776	11034263	62.959 ug/ml
14) T Benzo[a]anthracene (C...	14.631	3613722	22.704 ug/ml
15) T Chrysene (C27.41)	14.672	2889382	17.794 ug/ml
16) T benzo[b]fluoranthene ...	16.168	1930094	13.105 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	1872205	12.948 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	1746125	12.524 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	1744919	13.734 ug/ml
20) T Dibenz[a,h]anthracene...	17.939	1856767	14.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	1805875	14.040 ug/ml

(f)=RT Delta > 1/2 Window

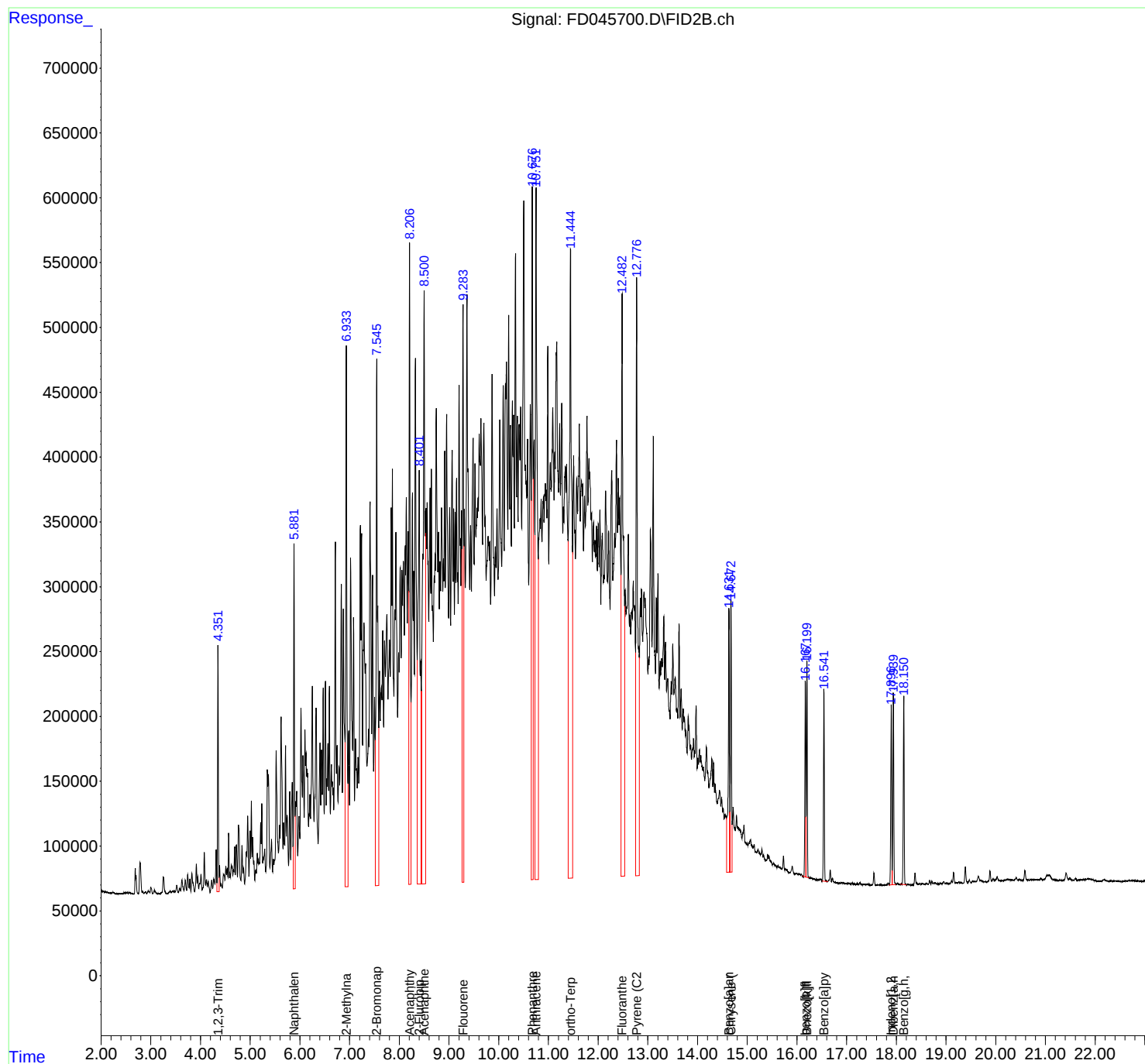
(m)=manual int.

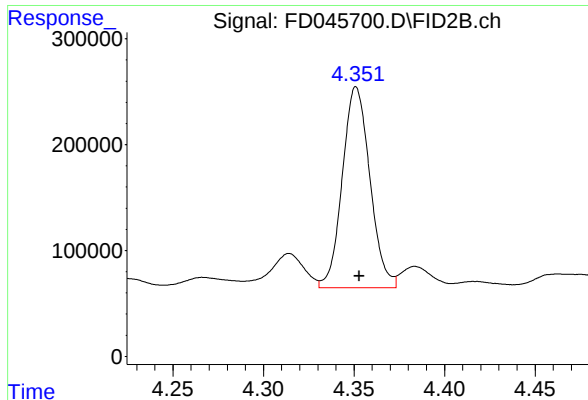
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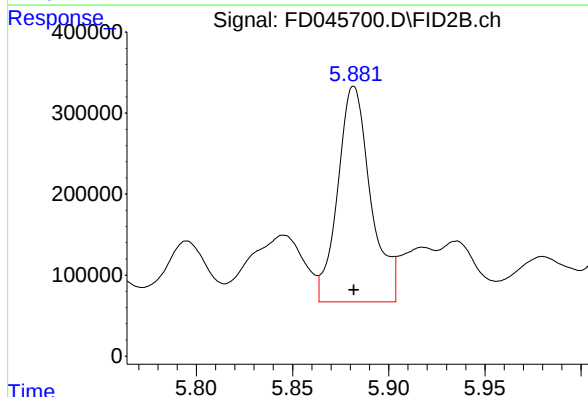




#1 1,2,3-Trimethylbenzene (C10.1)

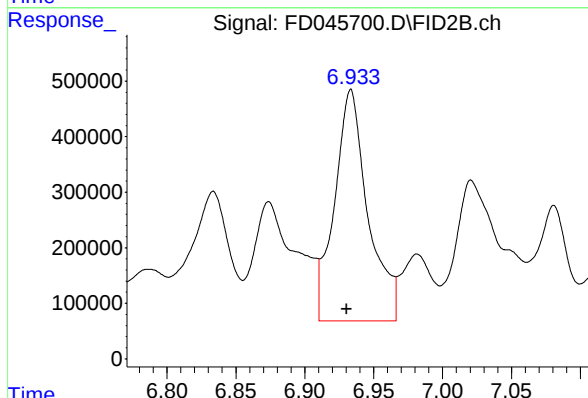
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2014474
Conc: 10.79 ug/ml

Instrument :
FID_D
ClientSampleId :



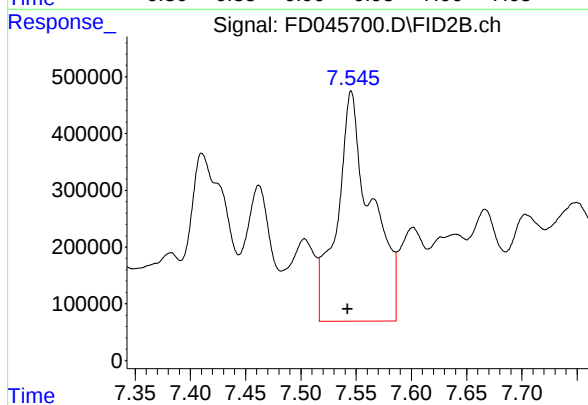
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 3150207
Conc: 16.02 ug/ml



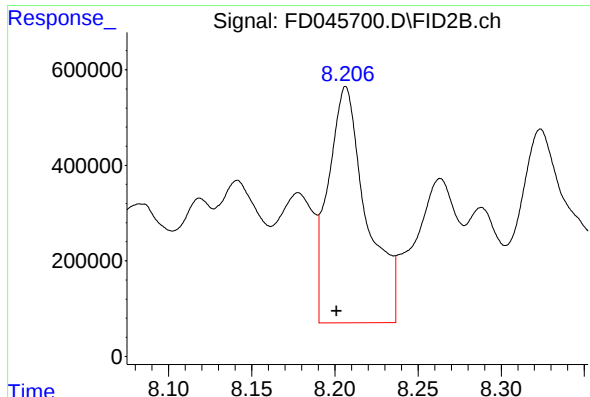
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.003 min
Response: 7013973
Conc: 35.51 ug/ml



#4 2-Bromonaphthalene (SURR)

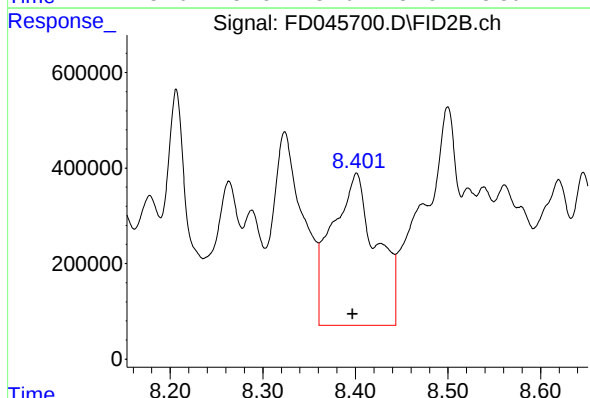
R.T.: 7.546 min
Delta R.T.: 0.003 min
Response: 8718937
Conc: 51.12 ug/ml



#5 Acenaphthylene (C15.06)

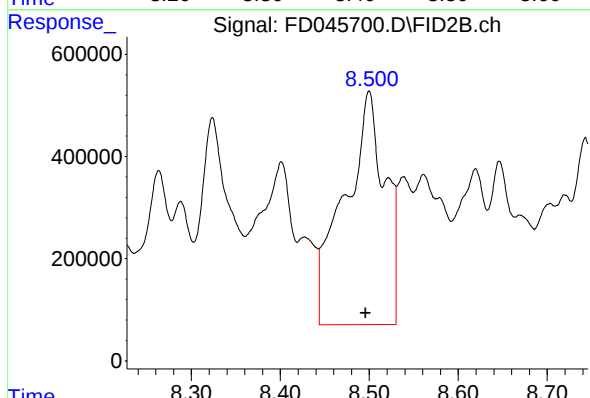
R.T.: 8.206 min
Delta R.T.: 0.005 min
Response: 788319
Conc: 43.88 ug/ml

Instrument :
FID_D
ClientSampleId :



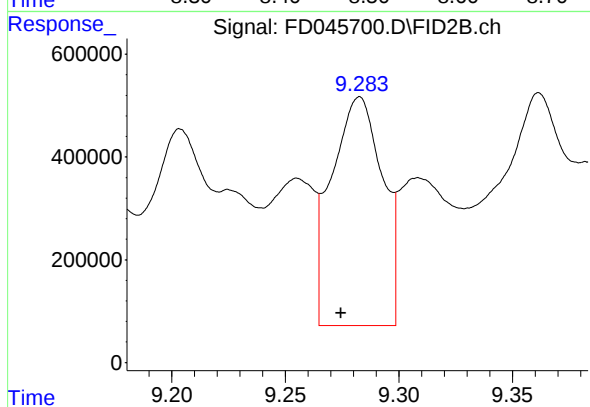
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 1056484
Conc: 91.89 ug/ml



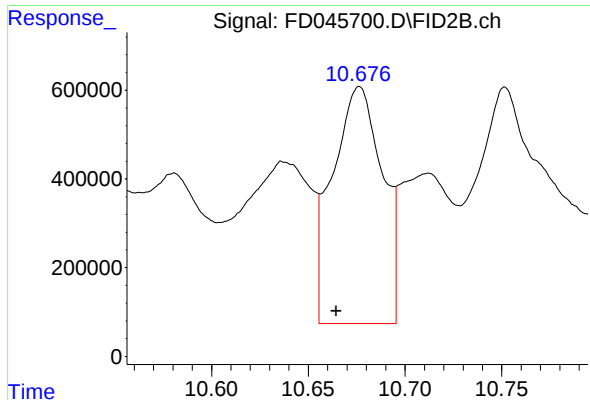
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.004 min
Response: 1444947
Conc: 75.93 ug/ml



#8 Flouorene (C16.55)

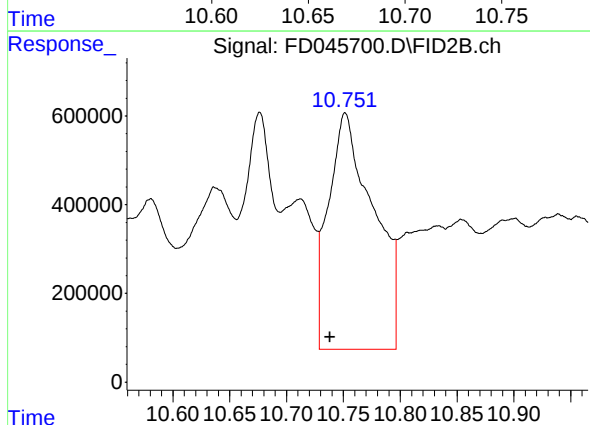
R.T.: 9.282 min
Delta R.T.: 0.008 min
Response: 694159
Conc: 36.81 ug/ml



#9 Phenanthrene (C19.36)

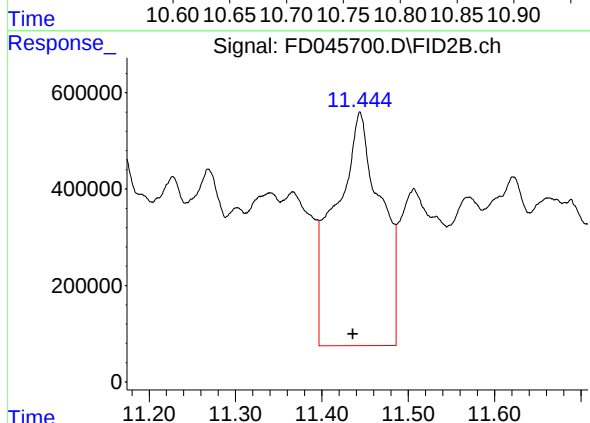
R.T.: 10.676 min
Delta R.T.: 0.012 min
Response: 9544477
Conc: 51.35 ug/ml

Instrument :
FID_D
ClientSampleId :



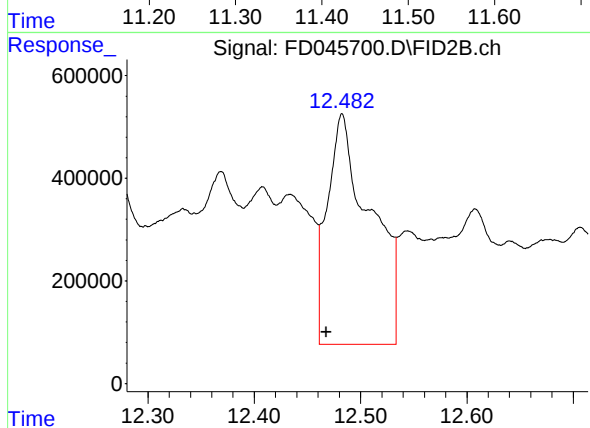
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: 0.014 min
Response: 14668868
Conc: 82.05 ug/ml



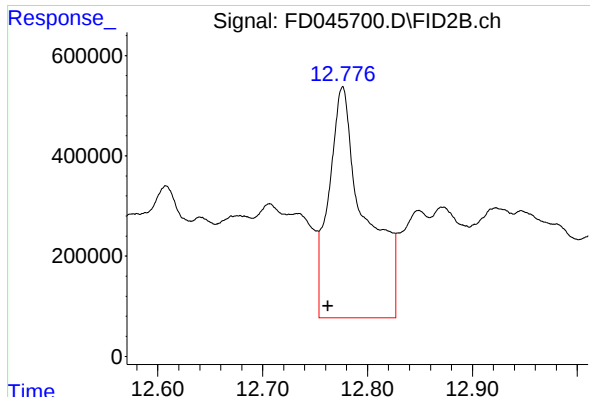
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.008 min
Response: 17621705
Conc: 83.47 ug/ml



#12 Fluoranthene (C21.85)

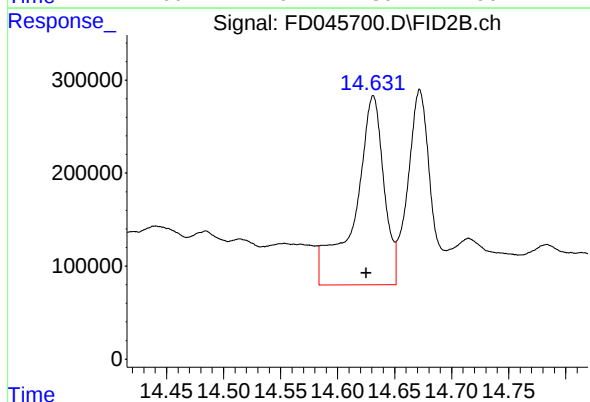
R.T.: 12.483 min
Delta R.T.: 0.015 min
Response: 12650298
Conc: 70.12 ug/ml



#13 Pyrene (C20.8)

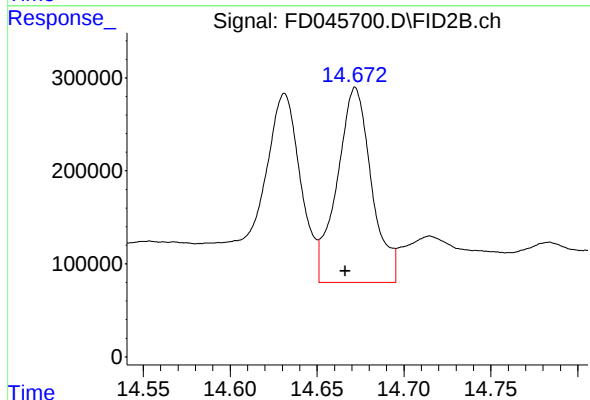
R.T.: 12.776 min
Delta R.T.: 0.014 min
Response: 11034263
Conc: 62.96 ug/ml

Instrument :
FID_D
ClientSampleId :



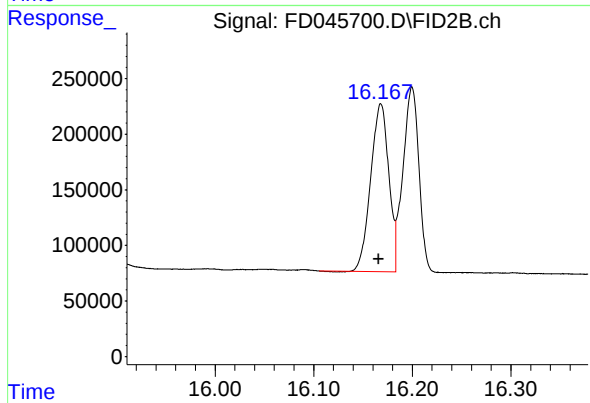
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.006 min
Response: 3613722
Conc: 22.70 ug/ml



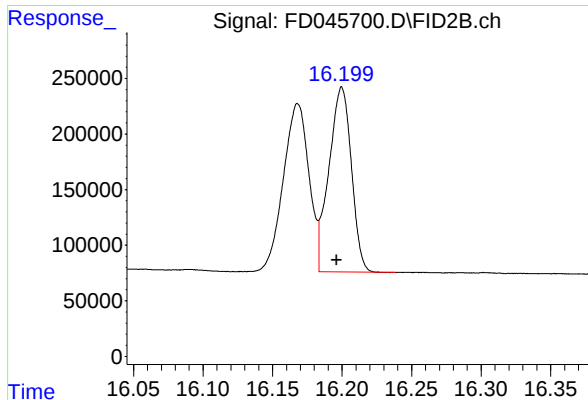
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.006 min
Response: 2889382
Conc: 17.79 ug/ml



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

R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 1930094
Conc: 13.11 ug/ml



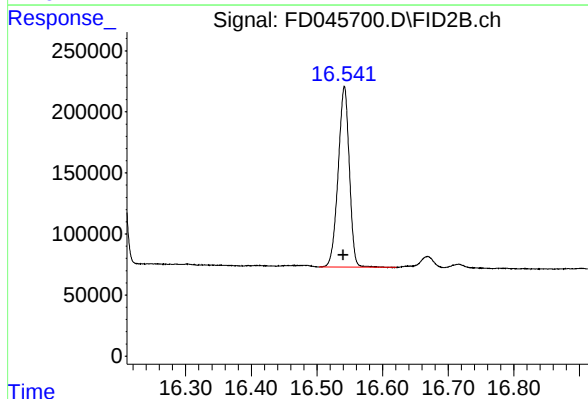
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 1872205
Conc: 12.95 ug/ml

Instrument :

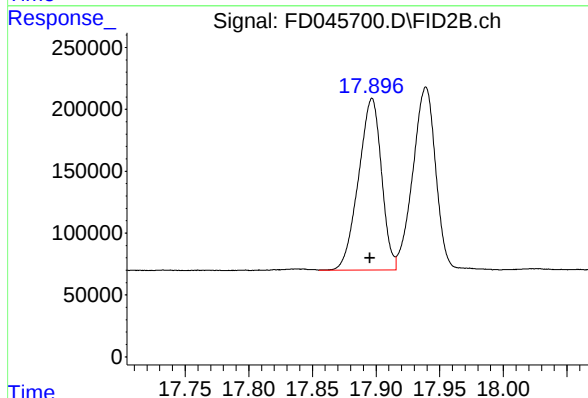
FID_D

ClientSampleId :



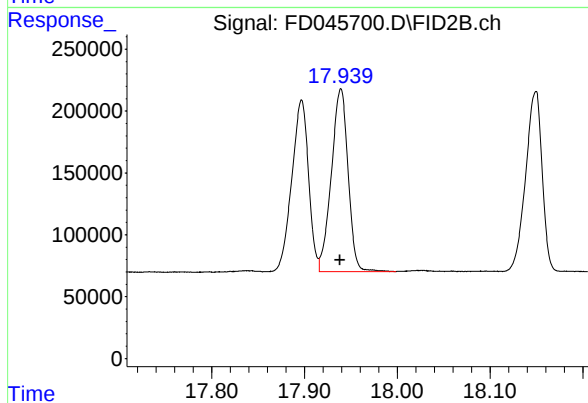
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.542 min
Delta R.T.: 0.001 min
Response: 1746125
Conc: 12.52 ug/ml



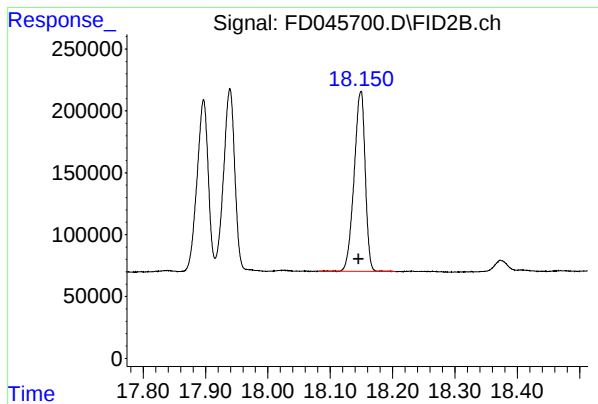
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.001 min
Response: 1744919
Conc: 13.73 ug/ml



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

R.T.: 17.939 min
Delta R.T.: 0.000 min
Response: 1856767
Conc: 14.46 ug/ml



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

R.T.: 18.149 min

Delta R.T.: 0.003 min

Response: 1805875

Conc: 14.04 ug/ml

Instrument :

FID_D

ClientSampleId :