

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045847.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 17:47
 Operator : YP/AJ
 Sample : PB153491BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 00:38:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.525	7279773	40.379 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
6) S 2-Fluorobiphenyl (SURR)	8.380	4725985	39.309 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.62%
11) S ortho-Terphenyl (SURR)	11.420	7395689	33.110 ug/ml
Spiked Amount 50.000		Recovery =	66.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	6615684	32.771 ug/ml
2) T Naphthalene (C11.7)	5.864	7434150	35.084 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	7311149	34.617 ug/ml
5) T Acenaphthylene (C15.06)	8.185	7821553	41.283 ug/ml
7) T Acenaphthene (C15.5)	8.481	8183341	40.475 ug/ml
8) T Fluorene (C16.55)	9.259	8149132	41.129 ug/ml
9) T Phenanthrene (C19.36)	10.651	8380557	43.806 ug/ml
10) T Anthracene (C19.43)	10.727	8353357	49.037 ug/ml
12) T Fluoranthene (C21.85)	12.456	8419022	45.570 ug/ml
13) T Pyrene (C20.8)	12.751	8371525	46.874 ug/ml
14) T Benzo[a]anthracene (C...	14.616	7526767	48.073 ug/ml
15) T Chrysene (C27.41)	14.660	7430746	45.040 ug/ml
16) T benzo[b]fluoranthene ...	16.159	7402719	48.912 ug/ml
17) T Bnezo[k]fluoranthene ...	16.194	7084819	45.762 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	6495323	44.416 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	6655628	45.442 ug/ml
20) T Dibenz[a,h]anthracene...	17.934	6506557	43.372 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	6775521	45.919 ug/ml

(f)=RT Delta > 1/2 Window

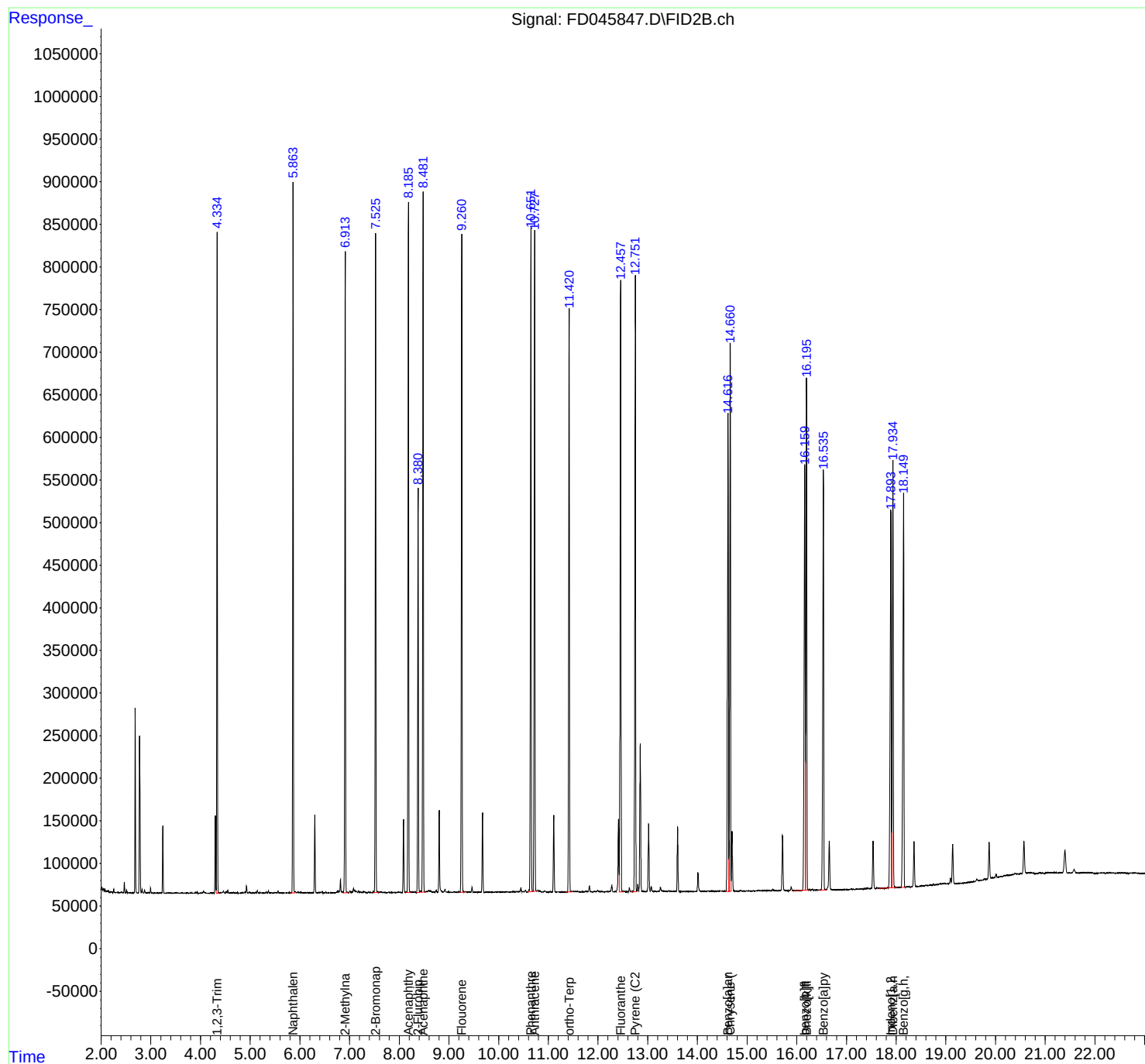
(m)=manual int.

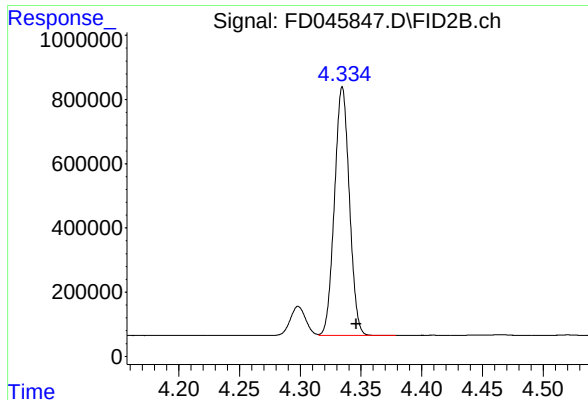
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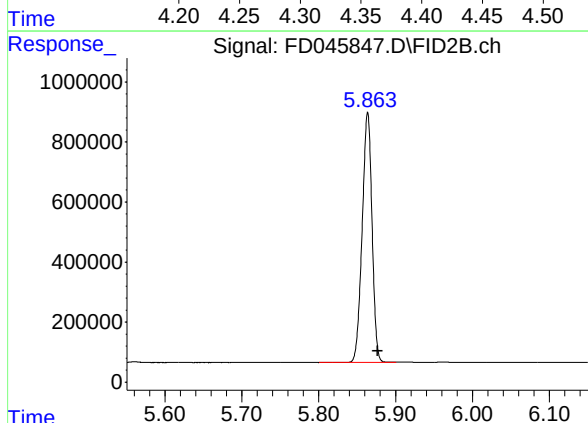




#1 1,2,3-Trimethylbenzene (C10.1)

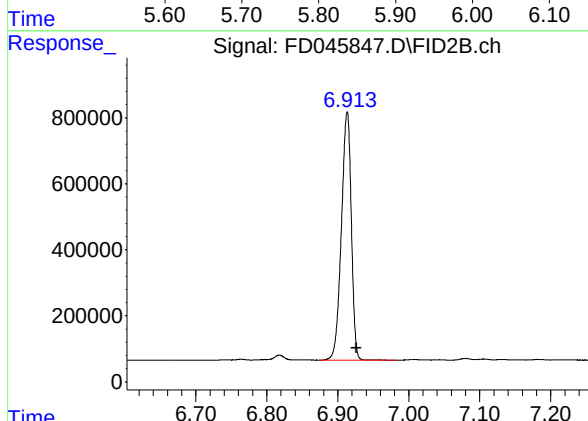
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 6615684
Conc: 32.77 ug/ml

Instrument :
FID_D
ClientSampleId :



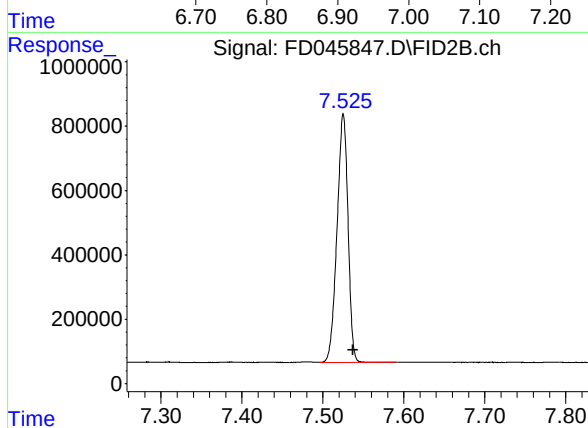
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 7434150
Conc: 35.08 ug/ml



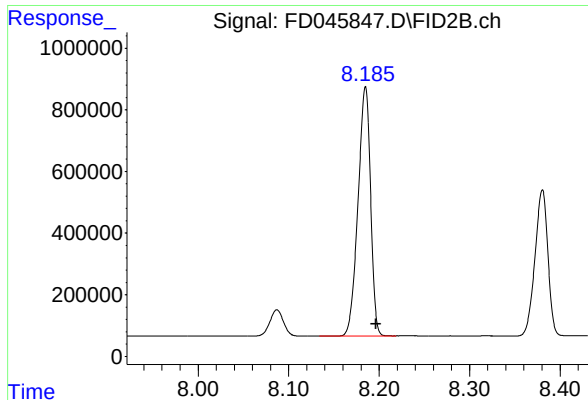
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 7311149
Conc: 34.62 ug/ml



#4 2-Bromonaphthalene (SURR)

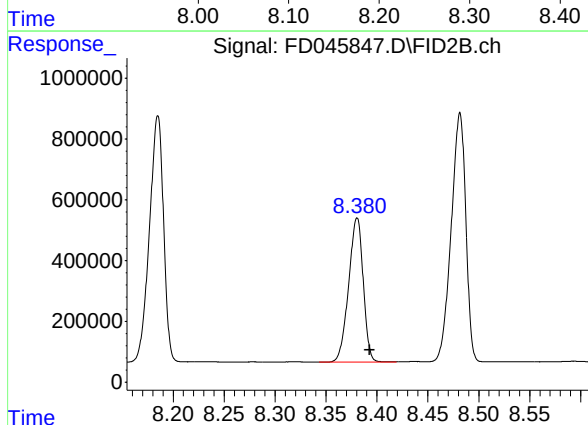
R.T.: 7.525 min
Delta R.T.: -0.012 min
Response: 7279773
Conc: 40.38 ug/ml



#5 Acenaphthylene (C15.06)

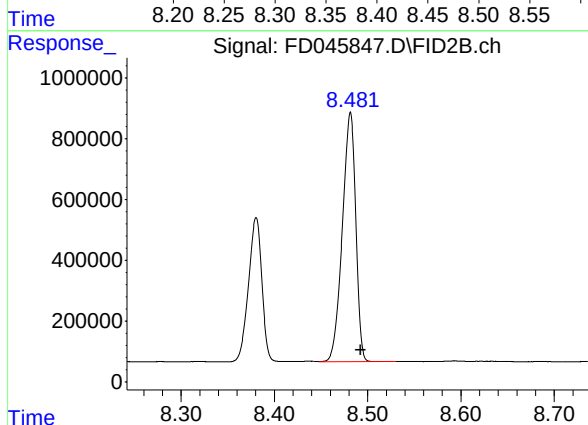
R.T.: 8.185 min
Delta R.T.: -0.012 min
Response: 7821553
Conc: 41.28 ug/ml

Instrument :
FID_D
ClientSampleId :



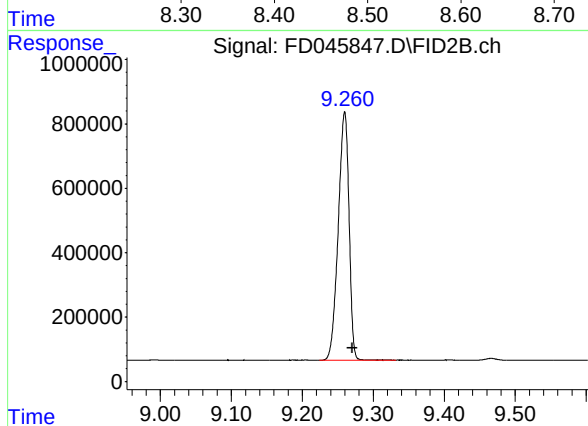
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.012 min
Response: 4725985
Conc: 39.31 ug/ml



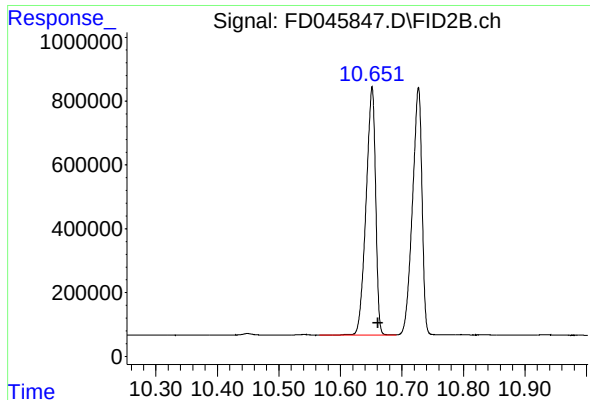
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 8183341
Conc: 40.48 ug/ml



#8 Fluorene (C16.55)

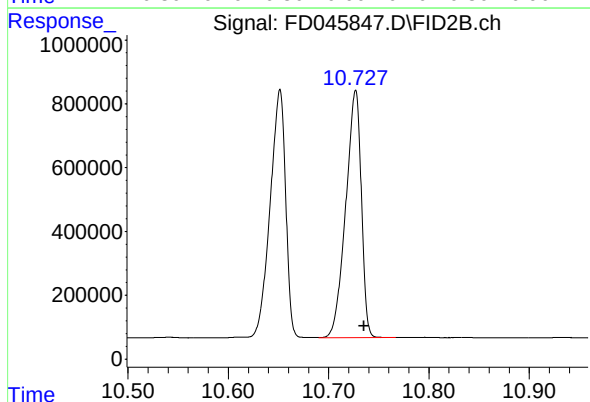
R.T.: 9.259 min
Delta R.T.: -0.011 min
Response: 8149132
Conc: 41.13 ug/ml



#9 Phenanthrene (C19.36)

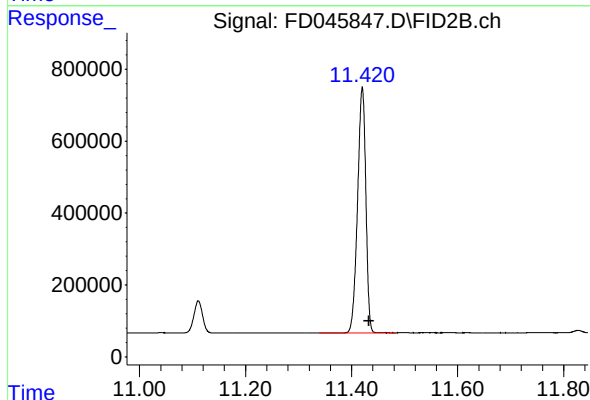
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 8380557
Conc: 43.81 ug/ml

Instrument :
FID_D
ClientSampleId :



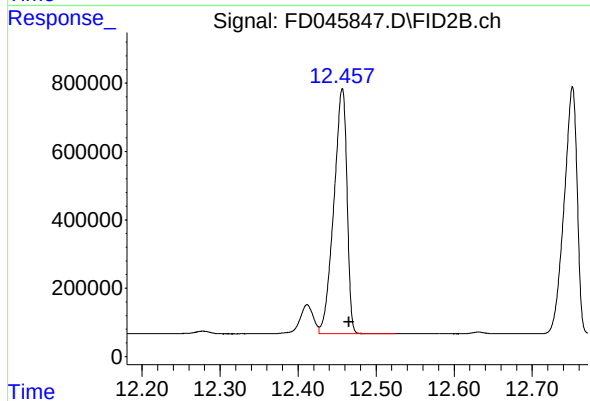
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.009 min
Response: 8353357
Conc: 49.04 ug/ml



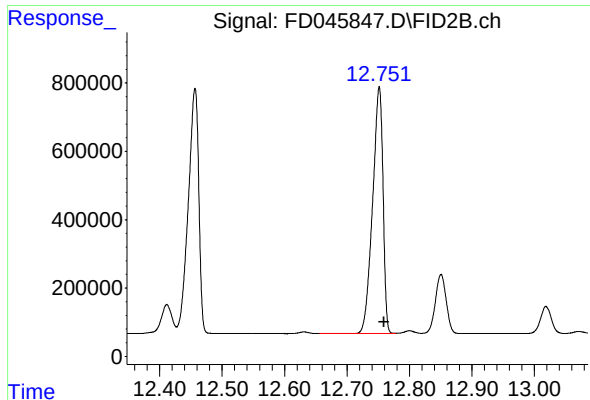
#11 ortho-Terphenyl (SURRE)

R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 7395689
Conc: 33.11 ug/ml



#12 Fluoranthene (C21.85)

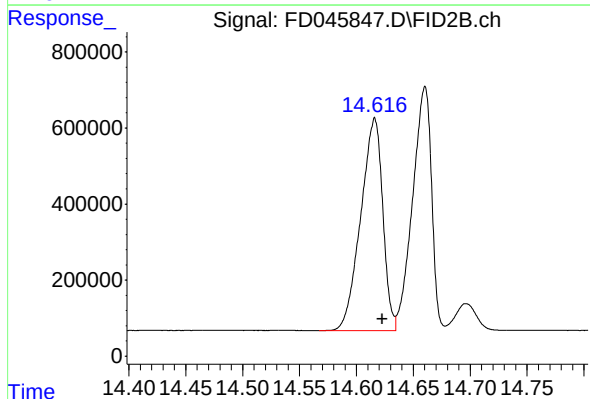
R.T.: 12.456 min
Delta R.T.: -0.009 min
Response: 8419022
Conc: 45.57 ug/ml



#13 Pyrene (C20.8)

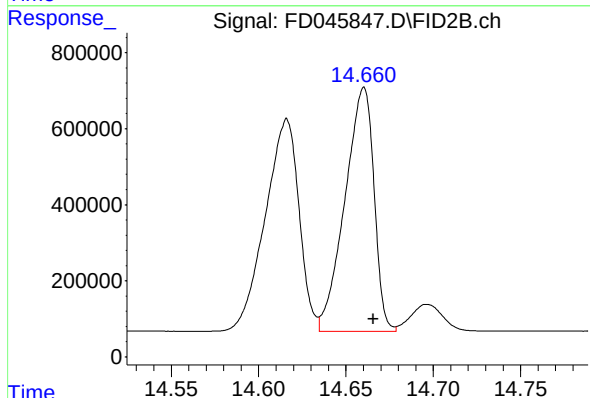
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 8371525
Conc: 46.87 ug/ml

Instrument :
FID_D
ClientSampleId :



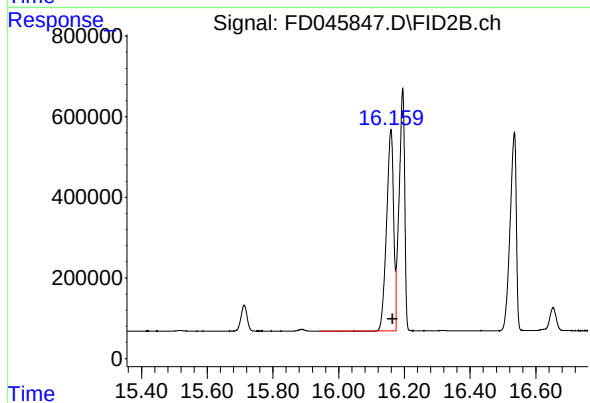
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.616 min
Delta R.T.: -0.007 min
Response: 7526767
Conc: 48.07 ug/ml



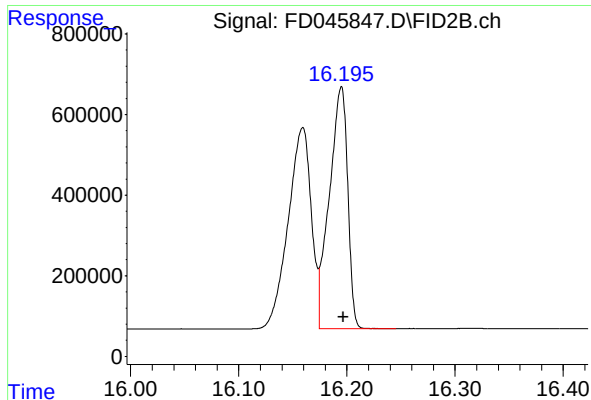
#15 Chrysene (C27.41)

R.T.: 14.660 min
Delta R.T.: -0.006 min
Response: 7430746
Conc: 45.04 ug/ml



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

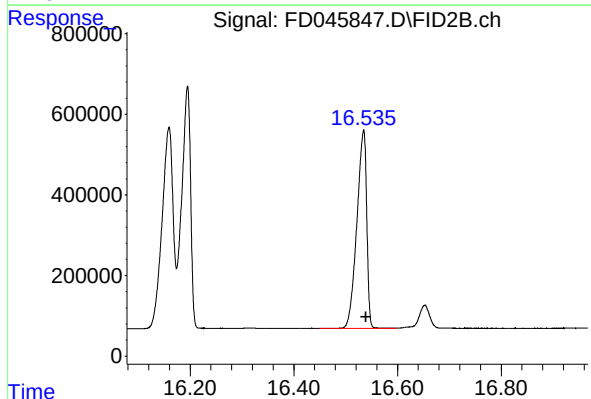
R.T.: 16.159 min
Delta R.T.: -0.006 min
Response: 7402719
Conc: 48.91 ug/ml



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

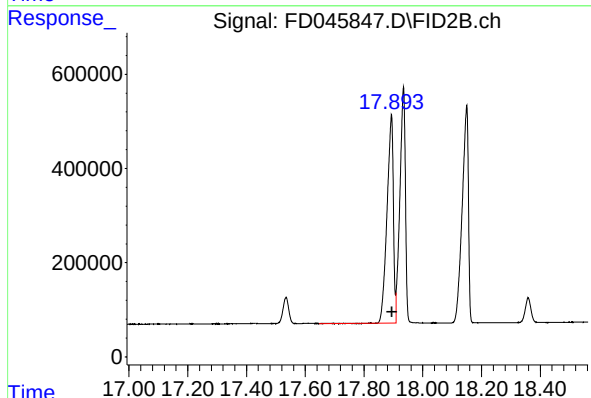
R.T.: 16.194 min
Delta R.T.: -0.002 min
Response: 7084819
Conc: 45.76 ug/ml

Instrument :
FID_D
ClientSampleId :



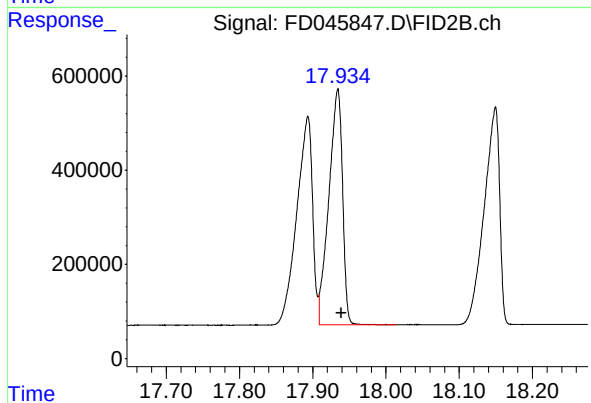
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: -0.005 min
Response: 6495323
Conc: 44.42 ug/ml



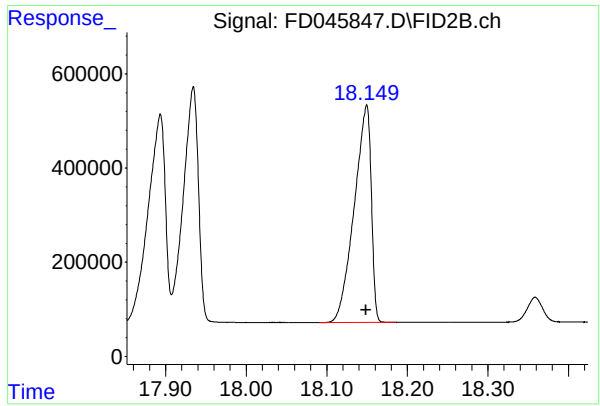
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 6655628
Conc: 45.44 ug/ml



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

R.T.: 17.934 min
Delta R.T.: -0.005 min
Response: 6506557
Conc: 43.37 ug/ml



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

R.T.: 18.149 min

Delta R.T.: 0.000 min

Response: 6775521

Conc: 45.92 ug/ml

Instrument :

FID_D

ClientSampleId :