

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047838.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 01:29
 Operator : YP/AJ
 Sample : PB161073BSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 04:14:53 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...	7.456	9285162	66.138 ug/ml
Spiked Amount 50.000		Recovery =	132.28%
6) S 2-Fluorobiphenyl (SURR)	8.309	5748443	62.070 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.14%
11) S ortho-Terphenyl (SURR)	11.351	9252779	57.871 ug/ml
Spiked Amount 50.000		Recovery =	115.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.265	6896228	43.664 ug/ml
2) T Naphthalene (C11.7)	5.791	8055776	49.353 ug/ml
3) T 2-Methylnaphthalene (...)	6.842	8307129	50.413 ug/ml
5) T Acenaphthylene (C15.06)	8.112	8753738	53.558 ug/ml
7) T Acenaphthene (C15.5)	8.409	8577256	52.531 ug/ml
8) T Fluorene (C16.55)	9.188	8919605	56.699 ug/ml
9) T Phenanthrene (C19.36)	10.580	9230413	59.858 ug/ml
10) T Anthracene (C19.43)	10.655	8979963	59.734 ug/ml
12) T Fluoranthene (C21.85)	12.388	9462427	62.353 ug/ml
13) T Pyrene (C20.8)	12.683	9590459	63.616 ug/ml
14) T Benzo[a]anthracene (C...	14.553	8885982	64.822 ug/ml
15) T Chrysene (C27.41)	14.598	8813188	59.824 ug/ml
16) T benzo[b]fluoranthene ...	16.102	8687315	61.725 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	8536391	62.685 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	8399260	60.681 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	8668944	75.198 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	8101155	60.753 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	7913392	59.505 ug/ml

(f)=RT Delta > 1/2 Window

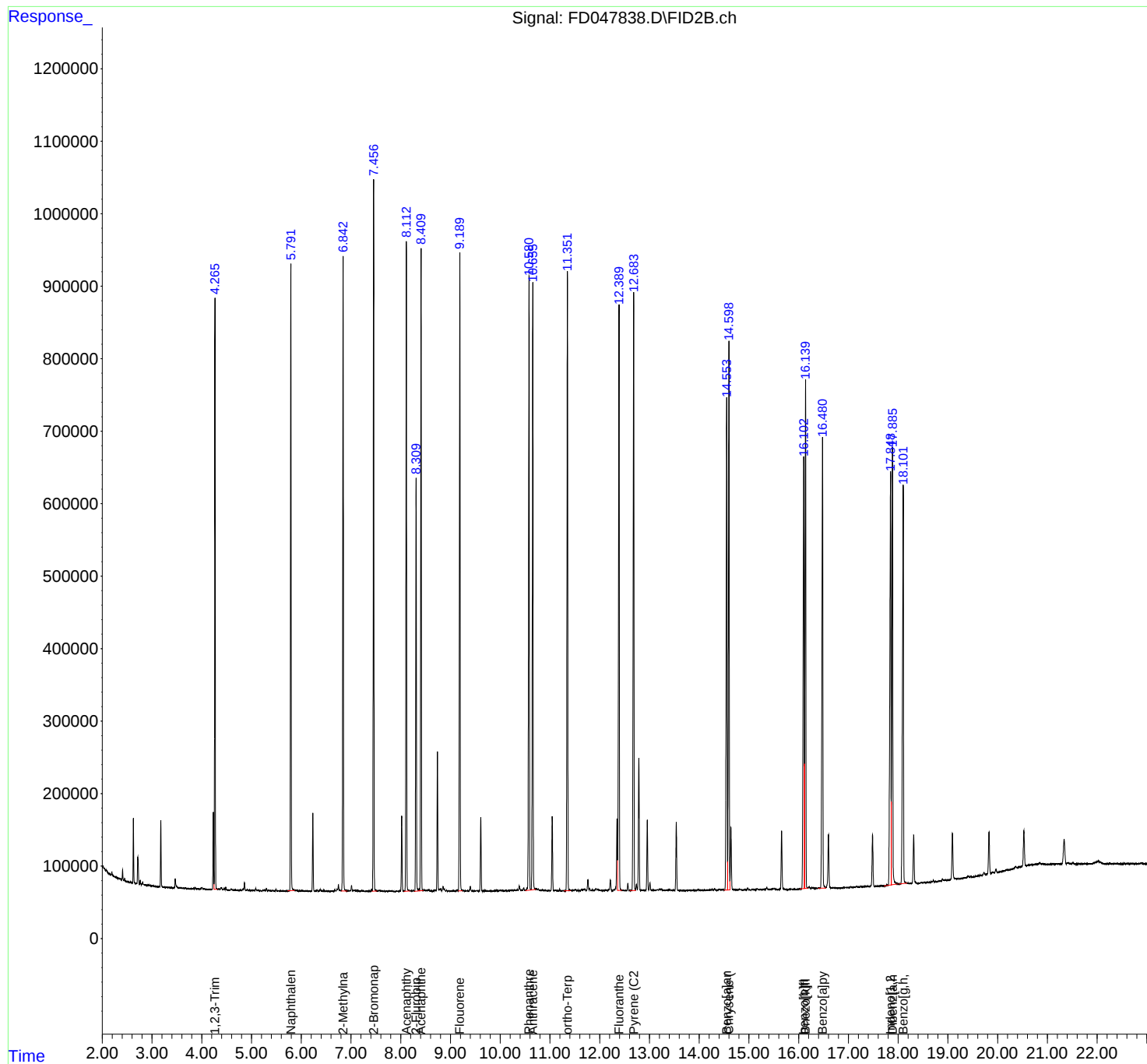
(m)=manual int.

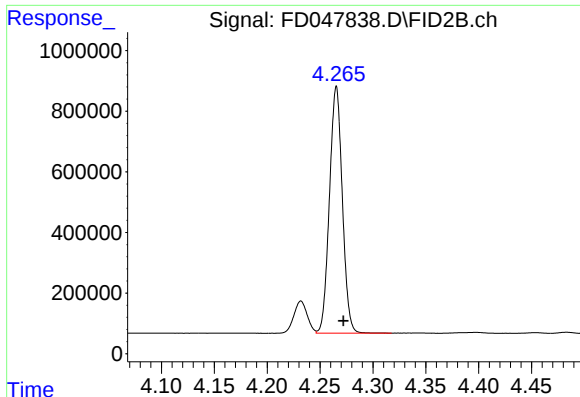
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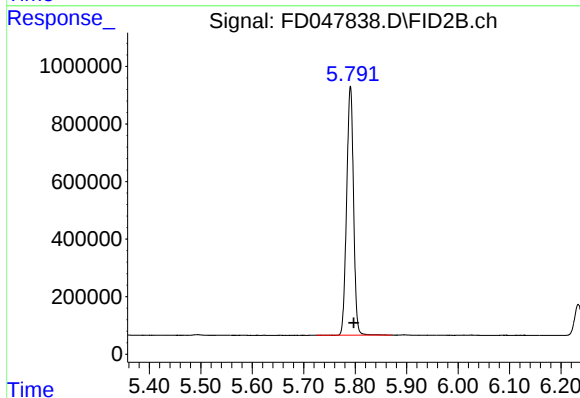




#1 1,2,3-Trimethylbenzene (C10.1)

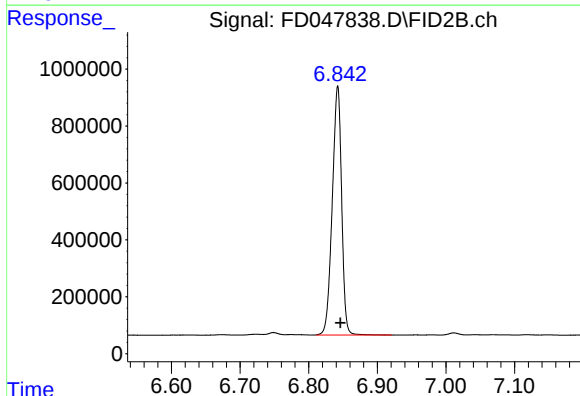
R.T.: 4.265 min
Delta R.T.: -0.007 min
Response: 6896228
Conc: 43.66 ug/ml

Instrument :
FID_D
ClientSampleId :



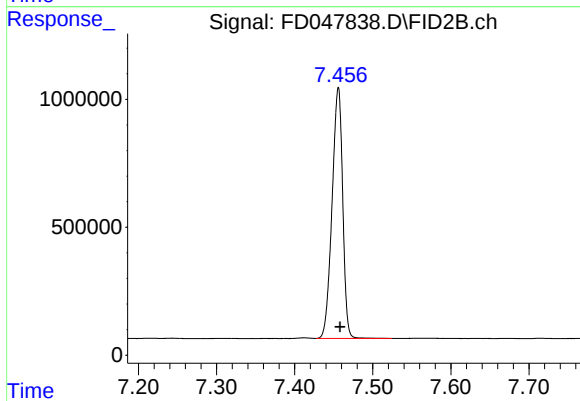
#2 Naphthalene (C11.7)

R.T.: 5.791 min
Delta R.T.: -0.006 min
Response: 8055776
Conc: 49.35 ug/ml



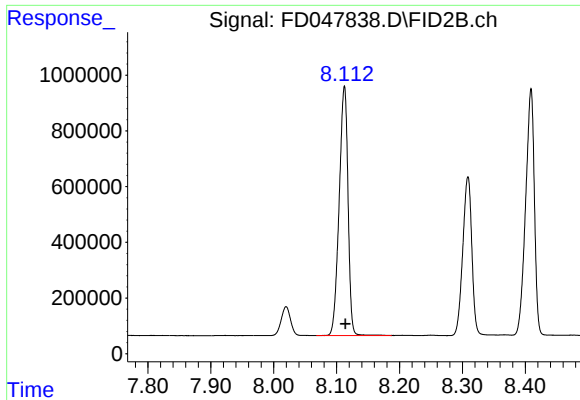
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.842 min
Delta R.T.: -0.004 min
Response: 8307129
Conc: 50.41 ug/ml



#4 2-Bromonaphthalene (SURR)

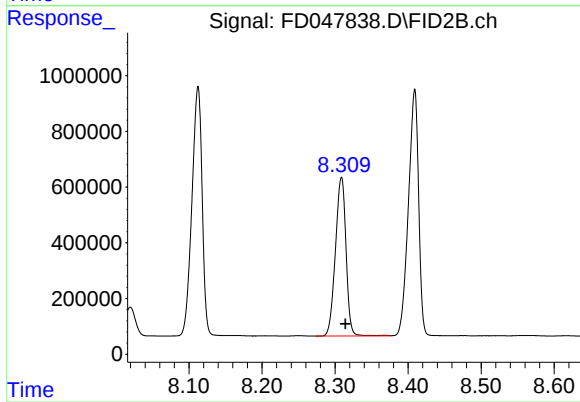
R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 9285162
Conc: 66.14 ug/ml



#5 Acenaphthylene (C15.06)

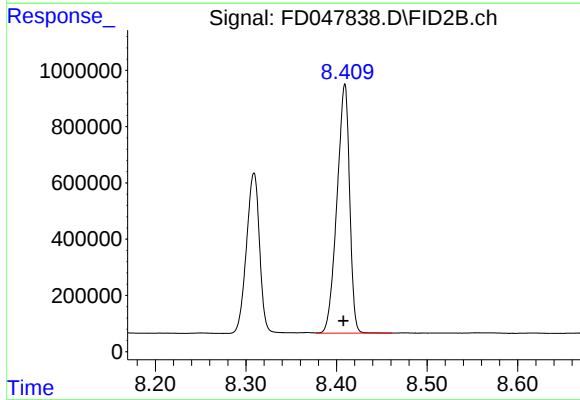
R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 8753738
Conc: 53.56 ug/ml

Instrument :
FID_D
ClientSampleId :



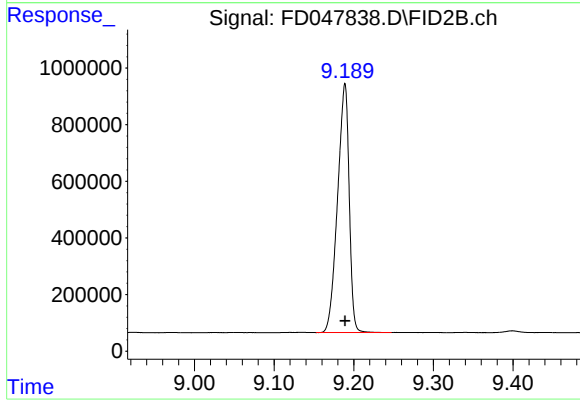
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.309 min
Delta R.T.: -0.006 min
Response: 5748443
Conc: 62.07 ug/ml



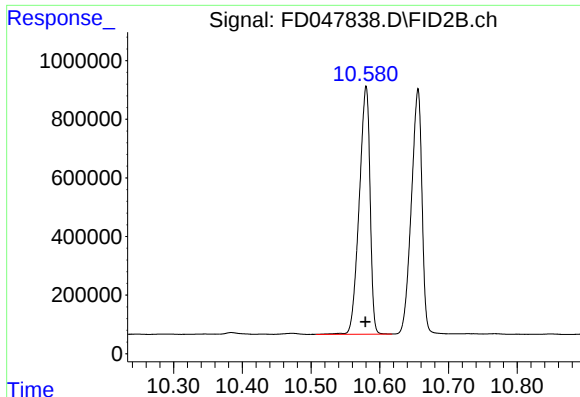
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.001 min
Response: 8577256
Conc: 52.53 ug/ml



#8 Flouorene (C16.55)

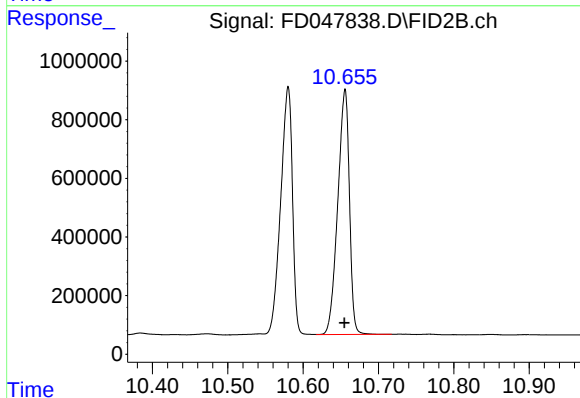
R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 8919605
Conc: 56.70 ug/ml



#9 Phenanthrene (C19.36)

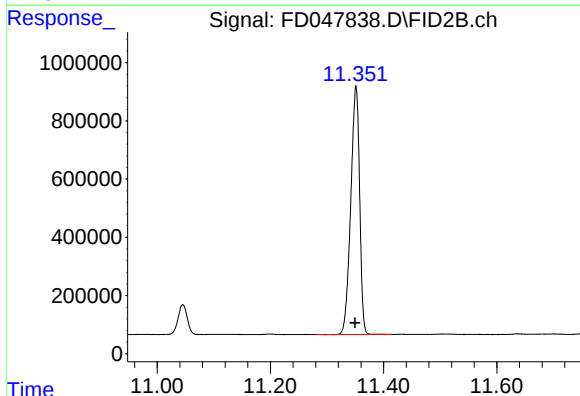
R.T.: 10.580 min
Delta R.T.: 0.000 min
Response: 9230413
Conc: 59.86 ug/ml

Instrument :
FID_D
ClientSampleId :



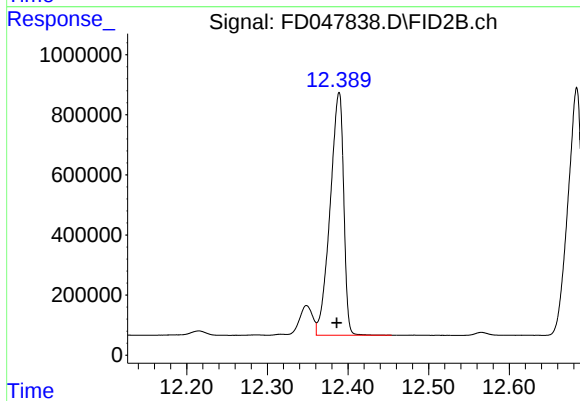
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 8979963
Conc: 59.73 ug/ml



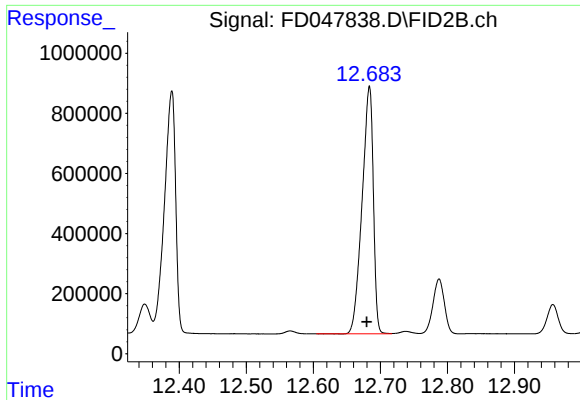
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.001 min
Response: 9252779
Conc: 57.87 ug/ml



#12 Fluoranthene (C21.85)

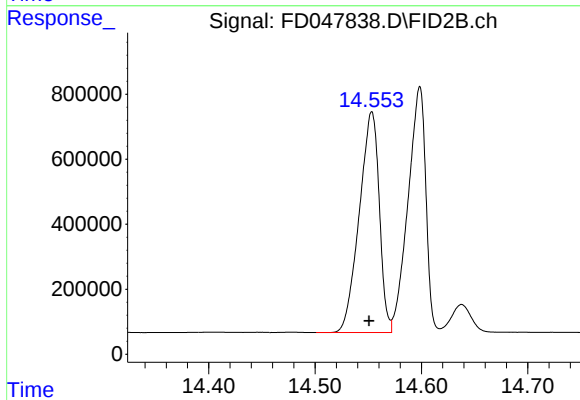
R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 9462427
Conc: 62.35 ug/ml



#13 Pyrene (C20.8)

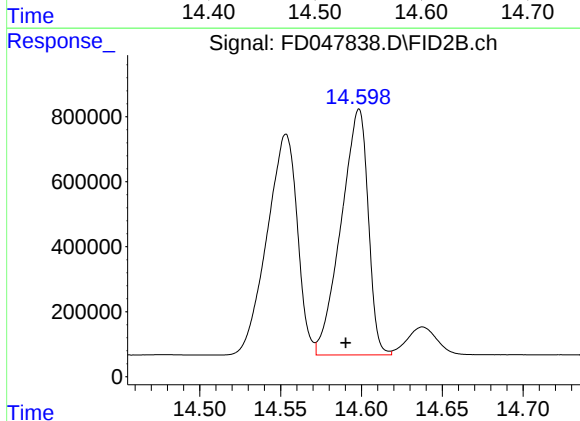
R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 9590459
Conc: 63.62 ug/ml

Instrument :
FID_D
ClientSampleId :



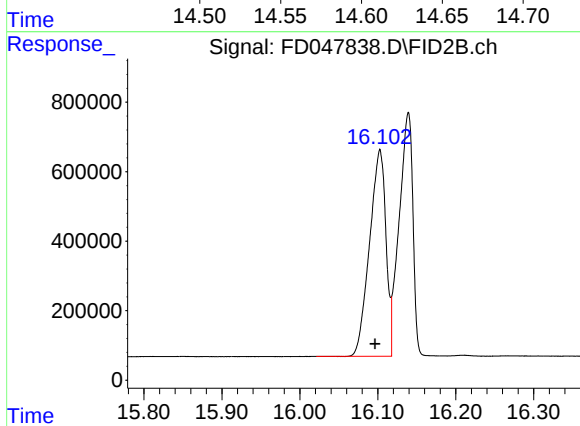
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.002 min
Response: 8885982
Conc: 64.82 ug/ml



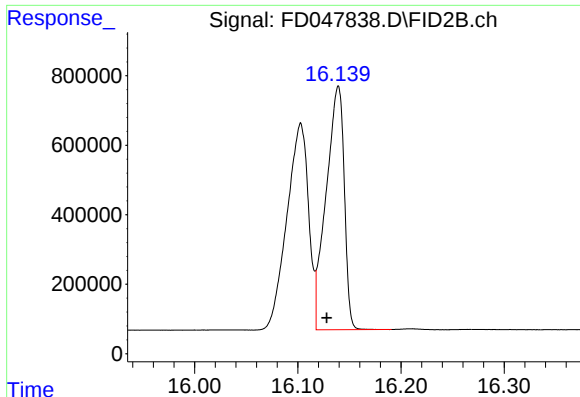
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.007 min
Response: 8813188
Conc: 59.82 ug/ml



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

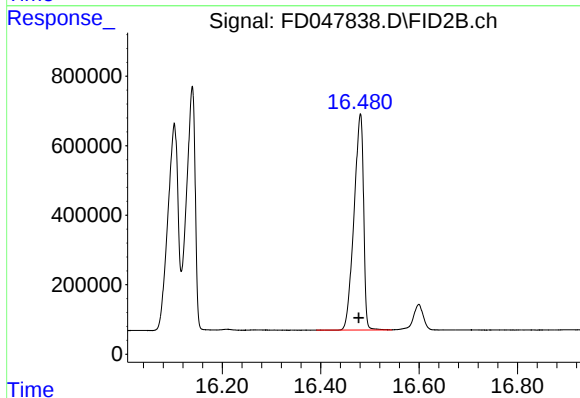
R.T.: 16.102 min
Delta R.T.: 0.006 min
Response: 8687315
Conc: 61.73 ug/ml



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

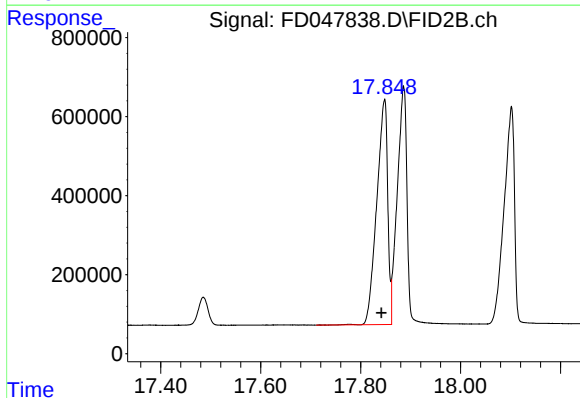
R.T.: 16.138 min
Delta R.T.: 0.011 min
Response: 8536391
Conc: 62.68 ug/ml

Instrument :
FID_D
ClientSampleId :



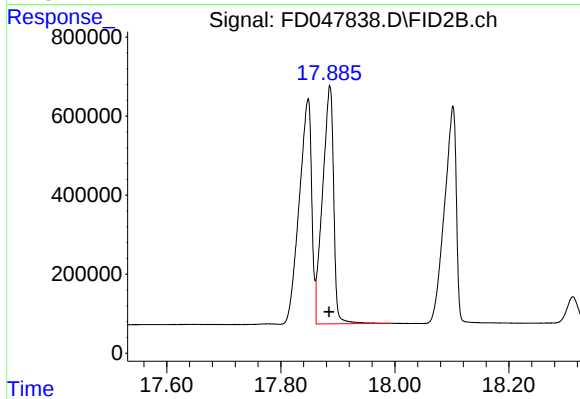
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.003 min
Response: 8399260
Conc: 60.68 ug/ml



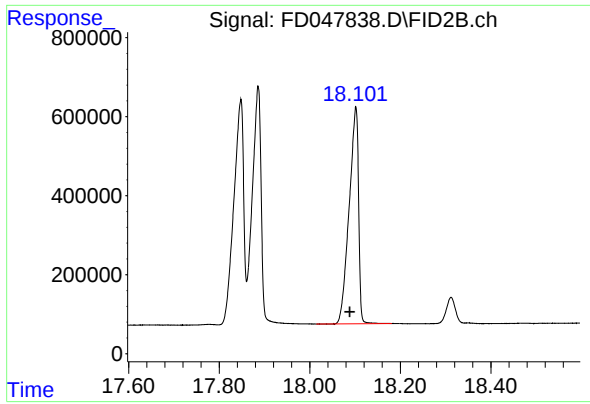
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.005 min
Response: 8668944
Conc: 75.20 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.000 min
Response: 8101155
Conc: 60.75 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.013 min
Response: 7913392
Conc: 59.50 ug/ml

Instrument :
FID_D
ClientSampleId :