

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052224AR\
 Data File : FD047813.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 09:42
 Operator : YP/AJ
 Sample : PB161038BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161038BSD

Integration File: autoint1.e
 Quant Time: May 23 04:26:13 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...	7.459	7392353	52.655 ug/ml
Spiked Amount 50.000		Recovery =	105.31%
6) S 2-Fluorobiphenyl (SURR)	8.313	4679754	50.531 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.06%
11) S ortho-Terphenyl (SURR)	11.354	7434626	46.499 ug/ml
Spiked Amount 50.000		Recovery =	93.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	6868433	43.488 ug/ml
2) T Naphthalene (C11.7)	5.796	8336132	51.071 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	8790368	53.346 ug/ml
5) T Acenaphthylene (C15.06)	8.118	9302448	56.915 ug/ml
7) T Acenaphthene (C15.5)	8.414	9173869	56.185 ug/ml
8) T Flouorene (C16.55)	9.193	9442045	60.020 ug/ml
9) T Phenanthrene (C19.36)	10.584	9492624	61.558 ug/ml
10) T Anthracene (C19.43)	10.660	9098532	60.522 ug/ml
12) T Fluoranthene (C21.85)	12.392	9387430	61.859 ug/ml
13) T Pyrene (C20.8)	12.687	9529165	63.210 ug/ml
14) T Benzo[a]anthracene (C...	14.557	8746698	63.805 ug/ml
15) T Chrysene (C27.41)	14.602	8538855	57.962 ug/ml
16) T benzo[b]fluoranthene ...	16.107	8665314	61.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	8483411	62.296 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	8376315	60.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	8510770	73.826 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	7424372	55.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	7684521	57.784 ug/ml

(f)=RT Delta > 1/2 Window

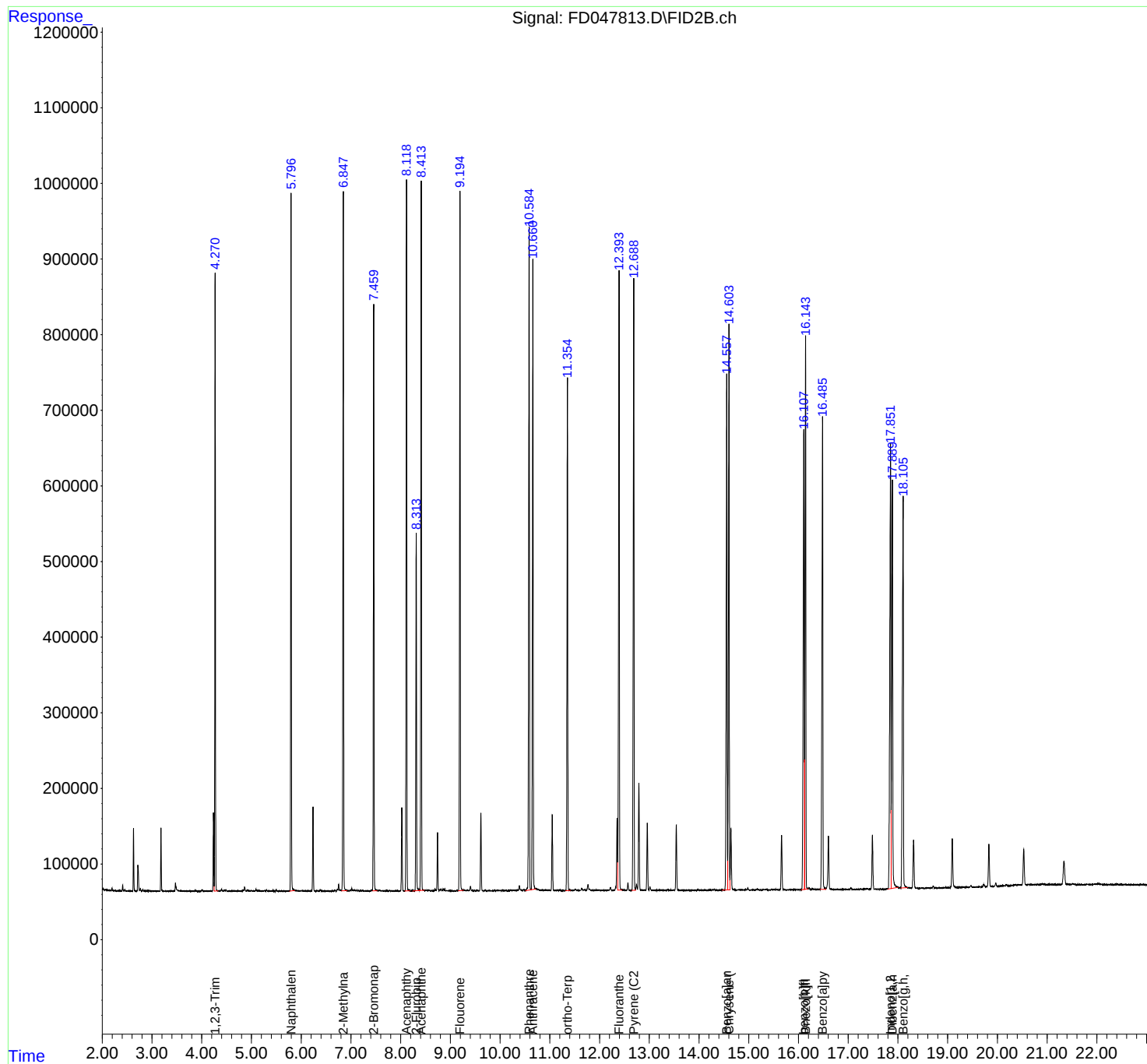
(m)=manual int.

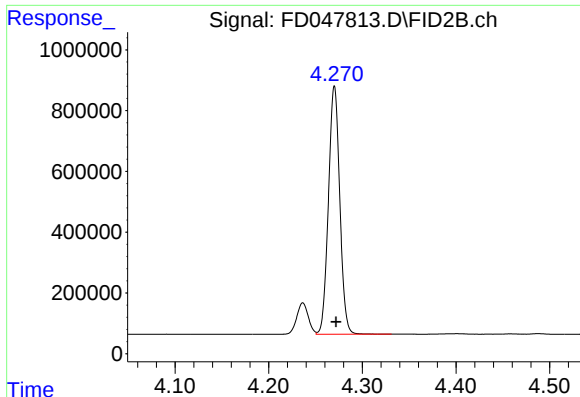
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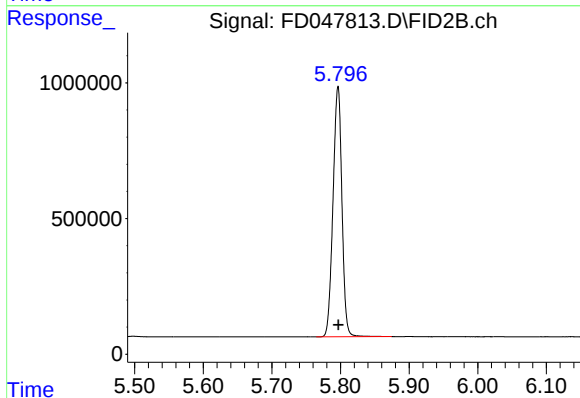




#1 1,2,3-Trimethylbenzene (C10.1)

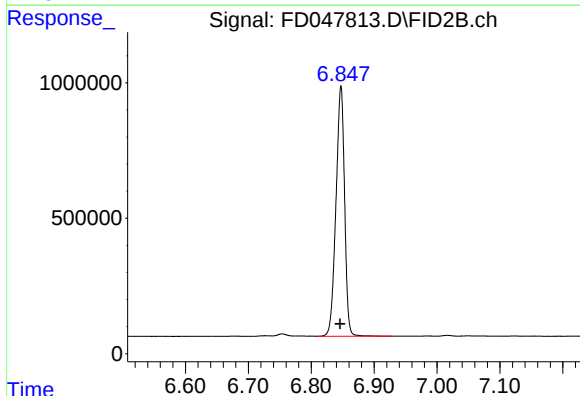
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 6868433
Conc: 43.49 ug/ml

Instrument :
FID_D
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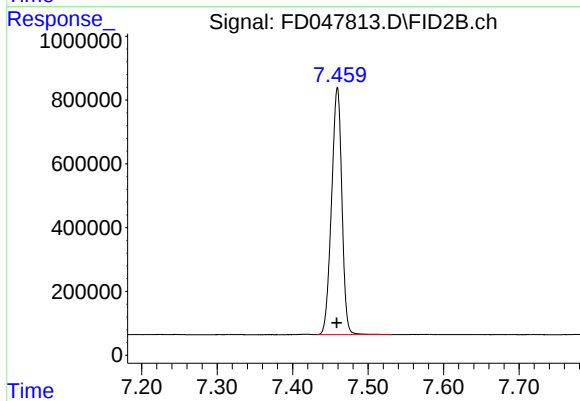
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 8336132
Conc: 51.07 ug/ml



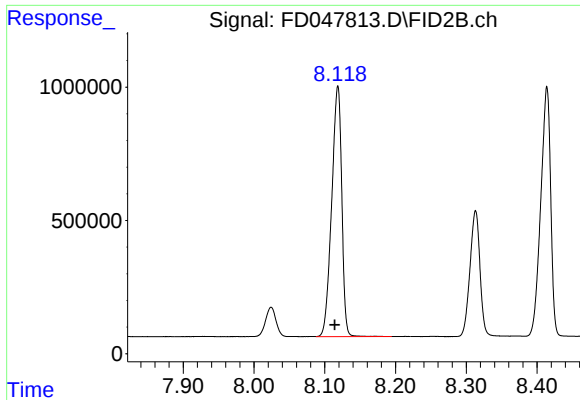
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.001 min
Response: 8790368
Conc: 53.35 ug/ml



#4 2-Bromonaphthalene (SURR)

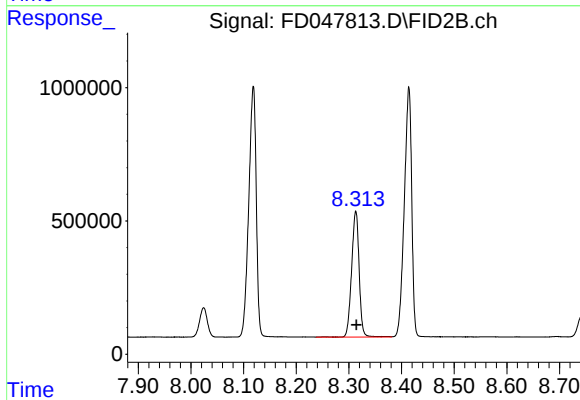
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 7392353
Conc: 52.66 ug/ml



#5 Acenaphthylene (C15.06)

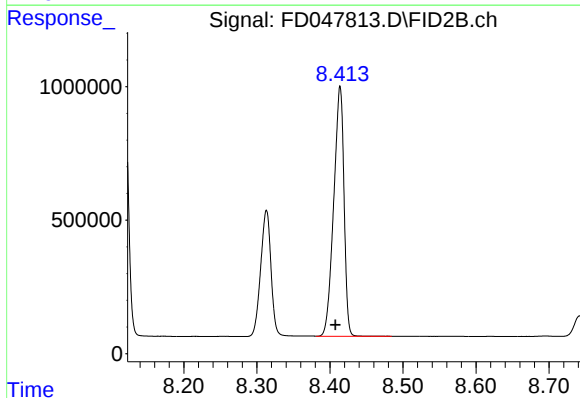
R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 9302448
Conc: 56.91 ug/ml

Instrument :
FID_D
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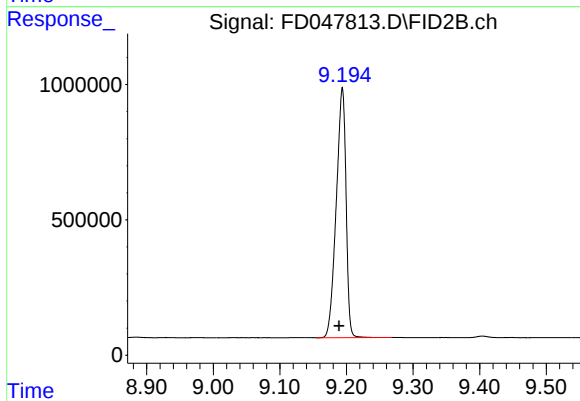
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 4679754
Conc: 50.53 ug/ml



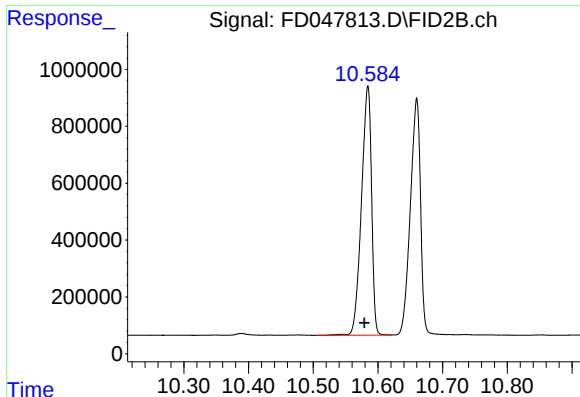
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.006 min
Response: 9173869
Conc: 56.18 ug/ml



#8 Fluorene (C16.55)

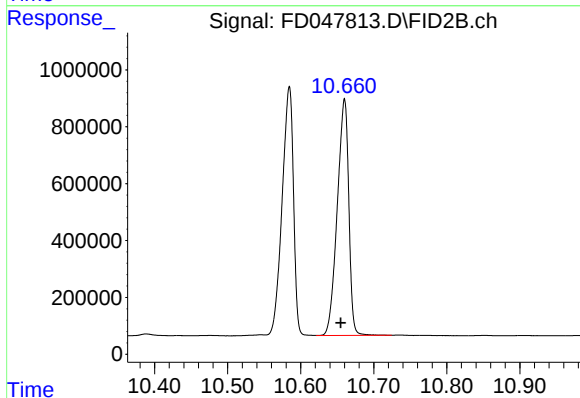
R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 9442045
Conc: 60.02 ug/ml



#9 Phenanthrene (C19.36)

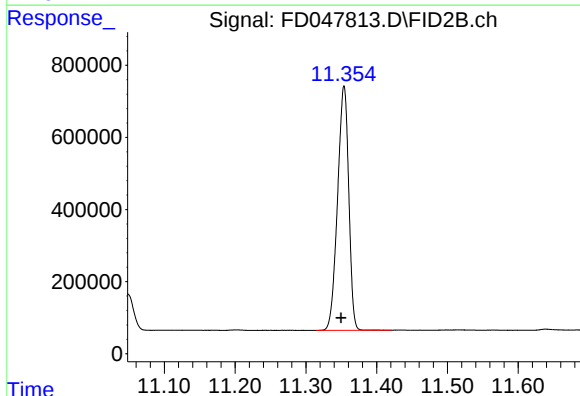
R.T.: 10.584 min
Delta R.T.: 0.005 min
Response: 9492624
Conc: 61.56 ug/ml

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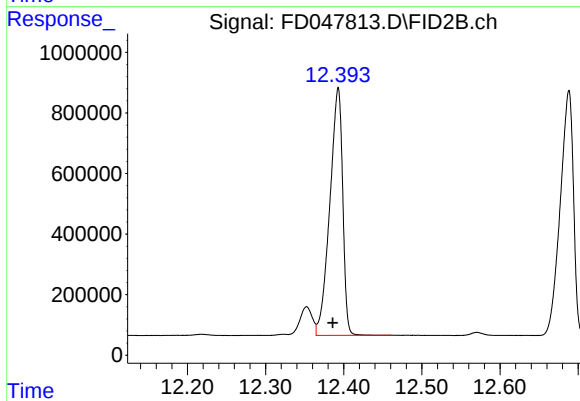
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.005 min
Response: 9098532
Conc: 60.52 ug/ml



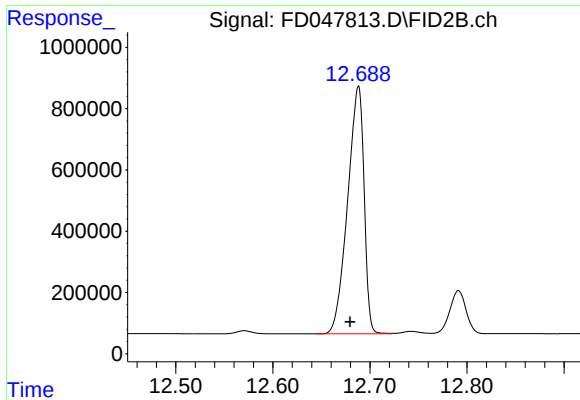
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 7434626
Conc: 46.50 ug/ml



#12 Fluoranthene (C21.85)

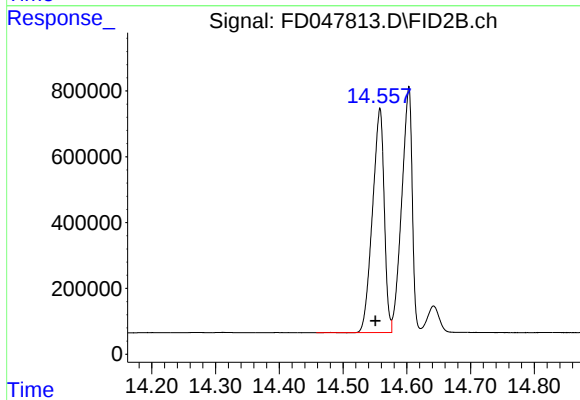
R.T.: 12.392 min
Delta R.T.: 0.006 min
Response: 9387430
Conc: 61.86 ug/ml



#13 Pyrene (C20.8)

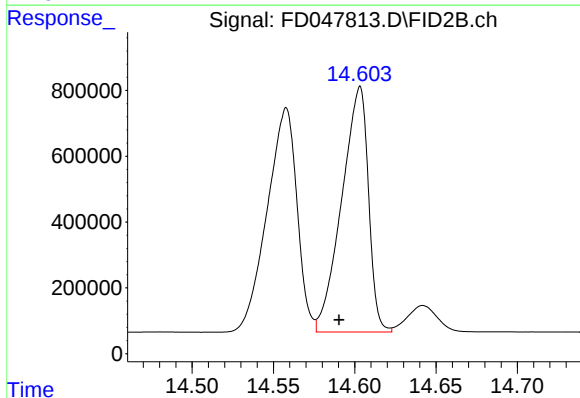
R.T.: 12.687 min
Delta R.T.: 0.008 min
Response: 9529165
Conc: 63.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB161038BSD



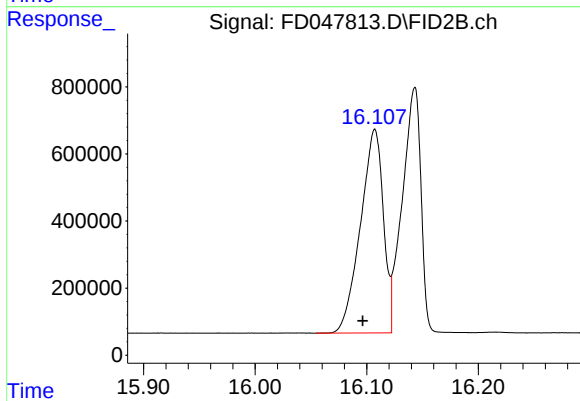
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.006 min
Response: 8746698
Conc: 63.81 ug/ml



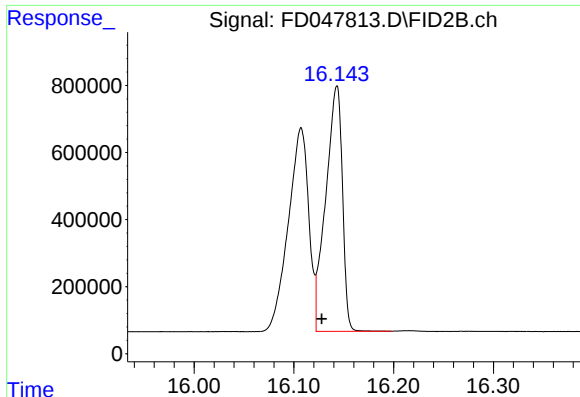
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.012 min
Response: 8538855
Conc: 57.96 ug/ml



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

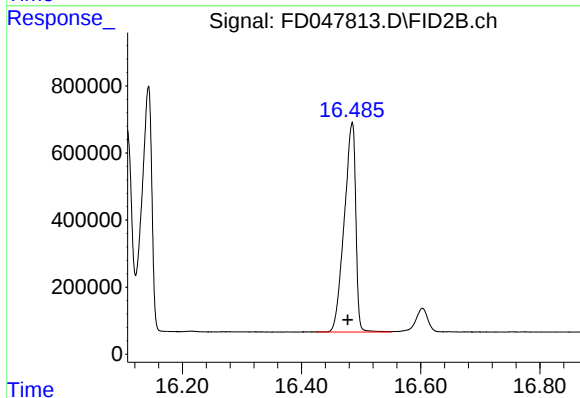
R.T.: 16.107 min
Delta R.T.: 0.010 min
Response: 8665314
Conc: 61.57 ug/ml



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

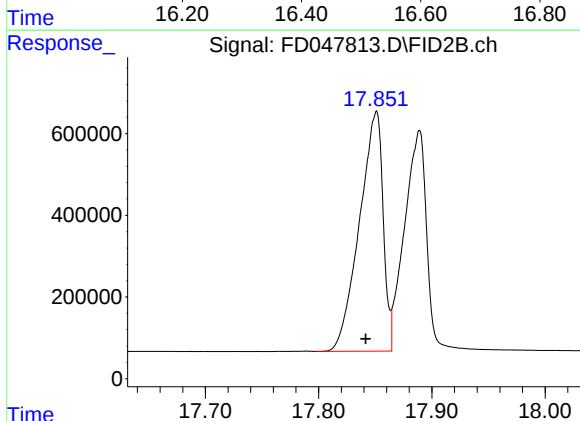
R.T.: 16.142 min
Delta R.T.: 0.014 min
Response: 8483411
Conc: 62.30 ug/ml

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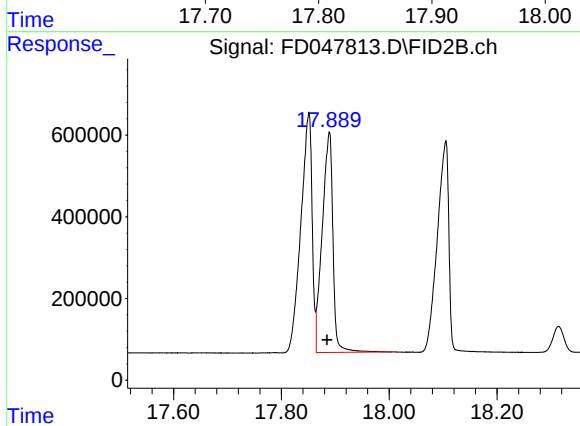
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.007 min
Response: 8376315
Conc: 60.52 ug/ml



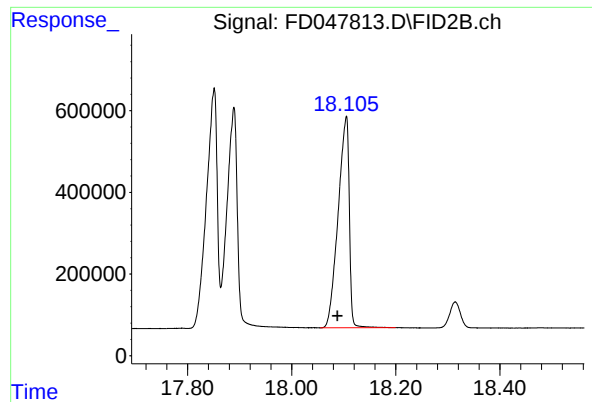
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: 0.008 min
Response: 8510770
Conc: 73.83 ug/ml



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

R.T.: 17.888 min
Delta R.T.: 0.003 min
Response: 7424372
Conc: 55.68 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.015 min
Response: 7684521
Conc: 57.78 ug/ml

Instrument :

FID_D

ClientSampleId :

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