

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052224AR\
 Data File : FD047812.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 09:04
 Operator : YP/AJ
 Sample : PB161038BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 04:25:55 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	7346705	52.330 ug/ml
Spiked Amount 50.000		Recovery =	104.66%
6) S 2-Fluorobiphenyl (SURR)	8.313	4646338	50.170 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.34%
11) S ortho-Terphenyl (SURR)	11.354	7349110	45.965 ug/ml
Spiked Amount 50.000		Recovery =	91.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	6850026	43.372 ug/ml
2) T Naphthalene (C11.7)	5.796	8308675	50.902 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	8748618	53.092 ug/ml
5) T Acenaphthylene (C15.06)	8.118	9242061	56.545 ug/ml
7) T Acenaphthene (C15.5)	8.414	9114000	55.818 ug/ml
8) T Flouorene (C16.55)	9.194	9344678	59.401 ug/ml
9) T Phenanthrene (C19.36)	10.584	9414013	61.048 ug/ml
10) T Anthracene (C19.43)	10.661	9067268	60.314 ug/ml
12) T Fluoranthene (C21.85)	12.392	9275890	61.124 ug/ml
13) T Pyrene (C20.8)	12.687	9412577	62.436 ug/ml
14) T Benzo[a]anthracene (C...	14.558	8611584	62.820 ug/ml
15) T Chrysene (C27.41)	14.602	8423815	57.181 ug/ml
16) T benzo[b]fluoranthene ...	16.107	8579008	60.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	8367833	61.447 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	8281234	59.828 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	8409620	72.949 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	7182389	53.863 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	7584081	57.028 ug/ml

(f)=RT Delta > 1/2 Window

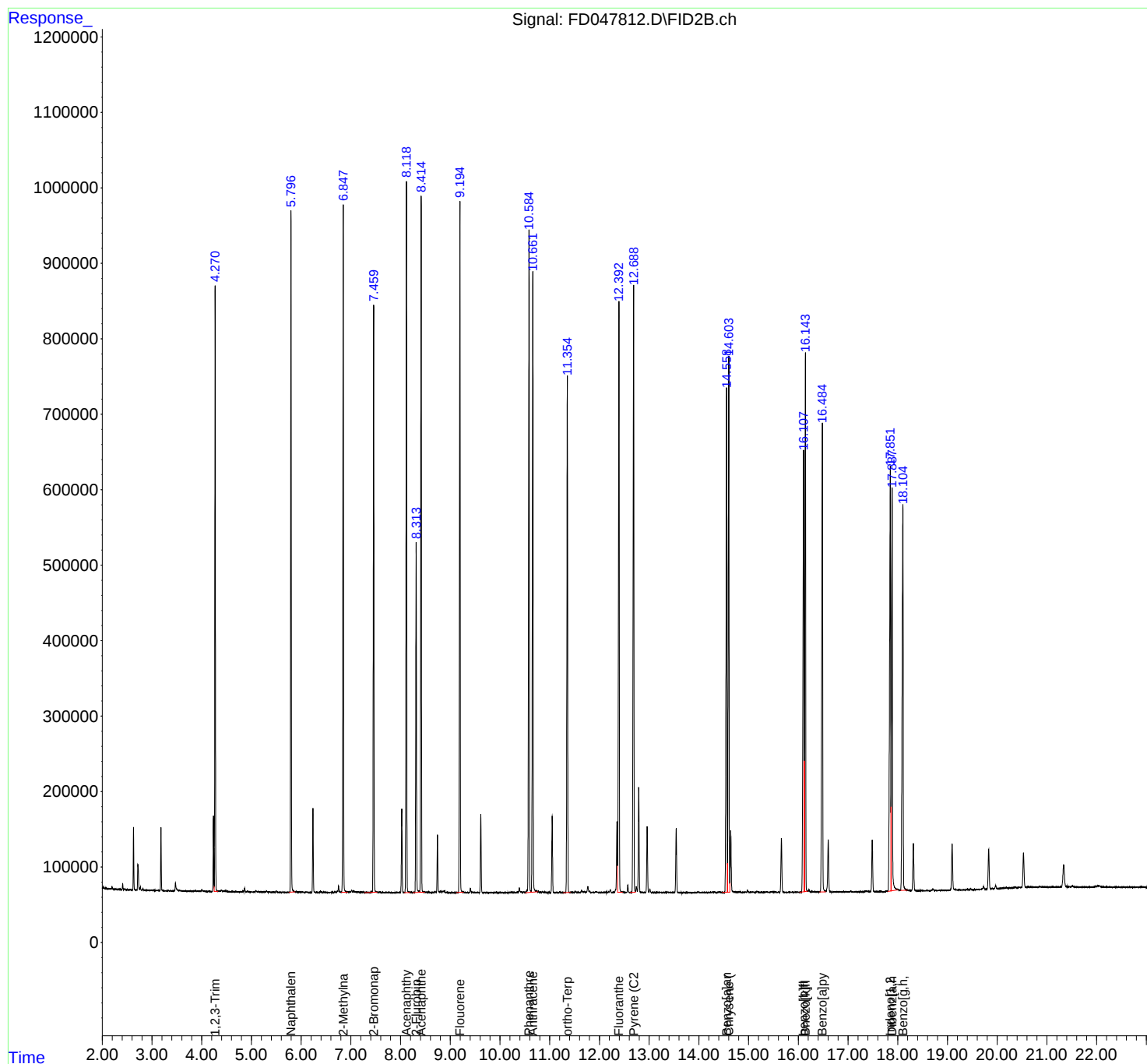
(m)=manual int.

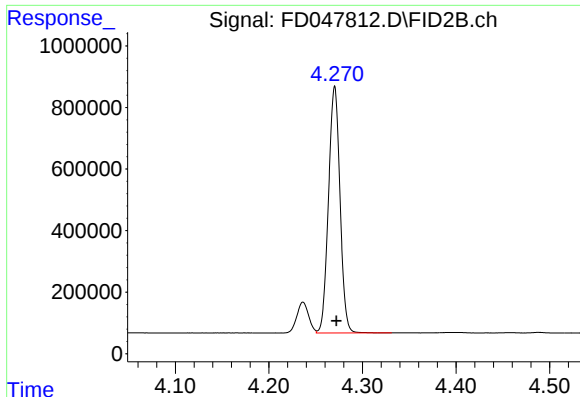
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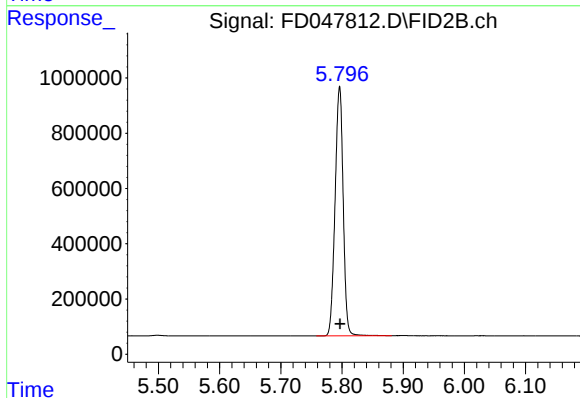




#1 1,2,3-Trimethylbenzene (C10.1)

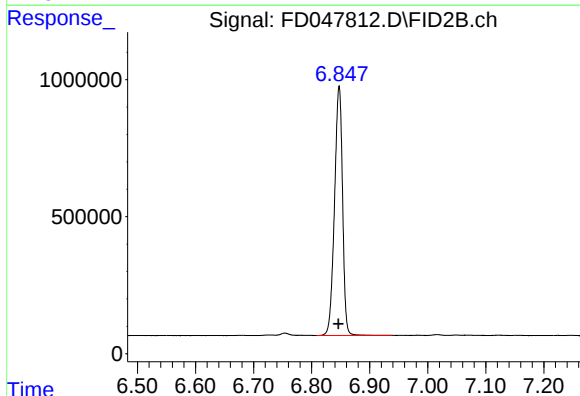
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 6850026
Conc: 43.37 ug/ml

Instrument :
FID_D
ClientSampleId :



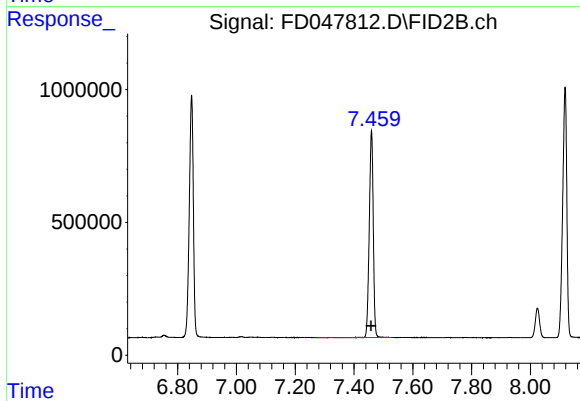
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 8308675
Conc: 50.90 ug/ml



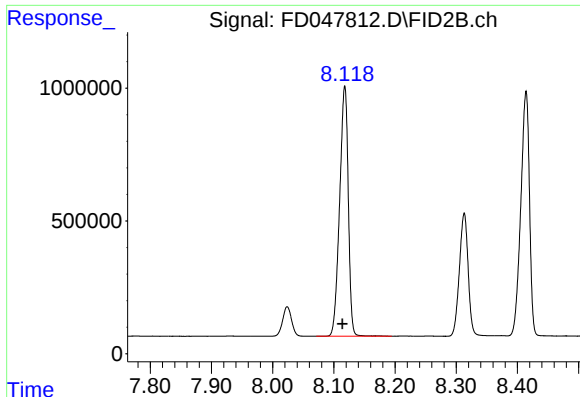
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.001 min
Response: 8748618
Conc: 53.09 ug/ml



#4 2-Bromonaphthalene (SURR)

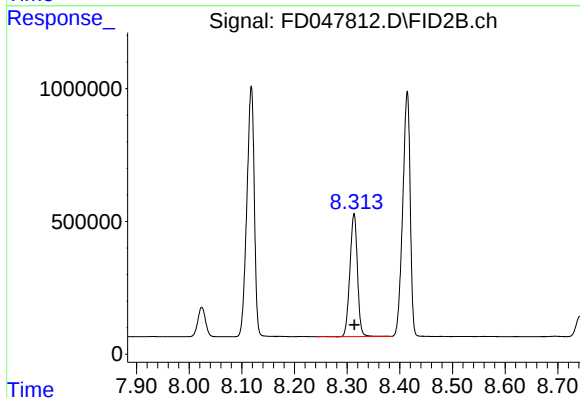
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 7346705
Conc: 52.33 ug/ml



#5 Acenaphthylene (C15.06)

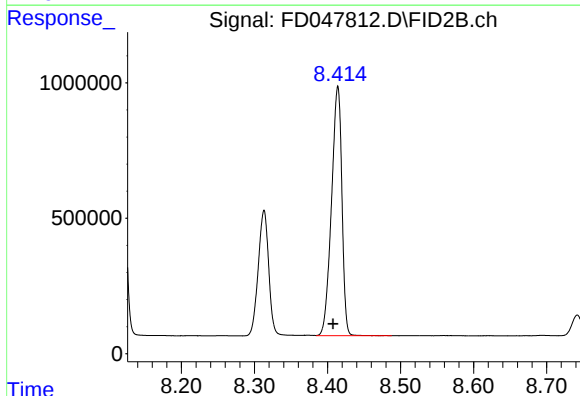
R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 9242061
Conc: 56.55 ug/ml

Instrument :
FID_D
ClientSampleId :



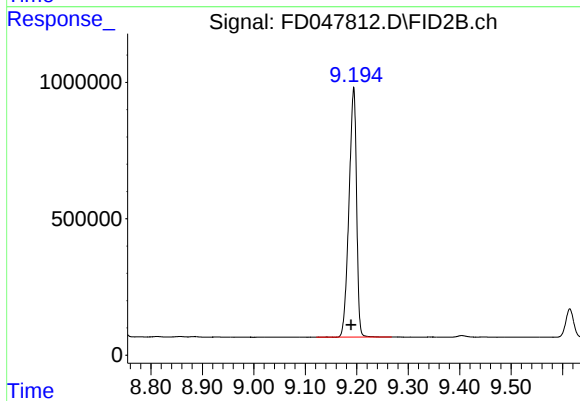
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 4646338
Conc: 50.17 ug/ml



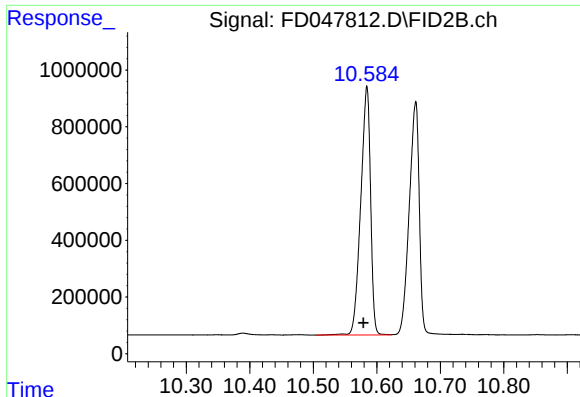
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.006 min
Response: 9114000
Conc: 55.82 ug/ml



#8 Fluorene (C16.55)

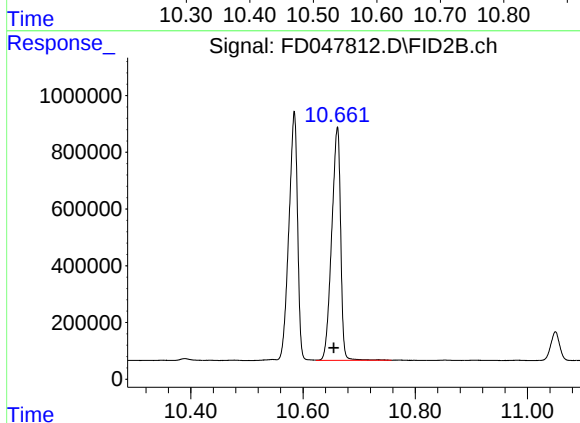
R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 9344678
Conc: 59.40 ug/ml



#9 Phenanthrene (C19.36)

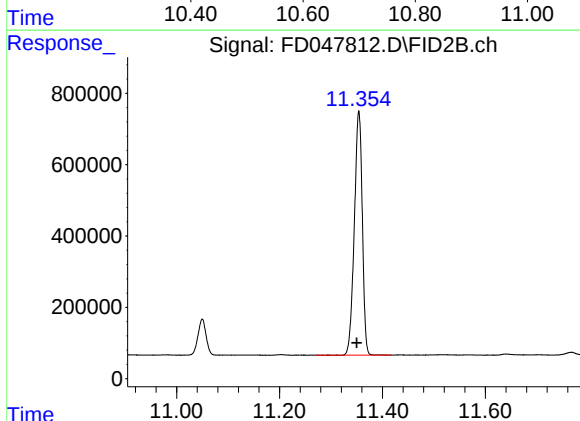
R.T.: 10.584 min
Delta R.T.: 0.005 min
Response: 9414013
Conc: 61.05 ug/ml

Instrument :
FID_D
ClientSampleId :



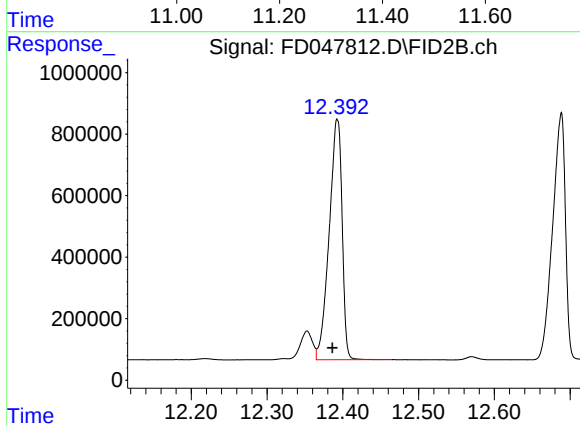
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.006 min
Response: 9067268
Conc: 60.31 ug/ml



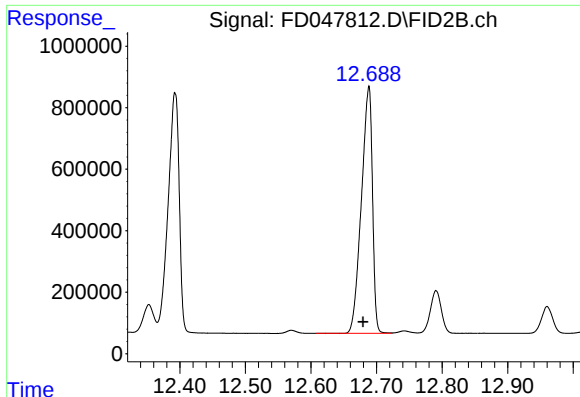
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 7349110
Conc: 45.96 ug/ml



#12 Fluoranthene (C21.85)

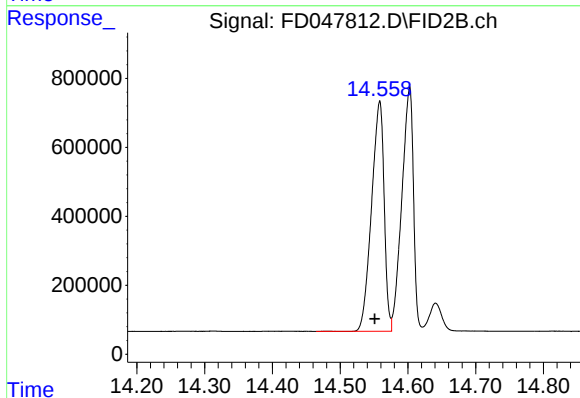
R.T.: 12.392 min
Delta R.T.: 0.006 min
Response: 9275890
Conc: 61.12 ug/ml



#13 Pyrene (C20.8)

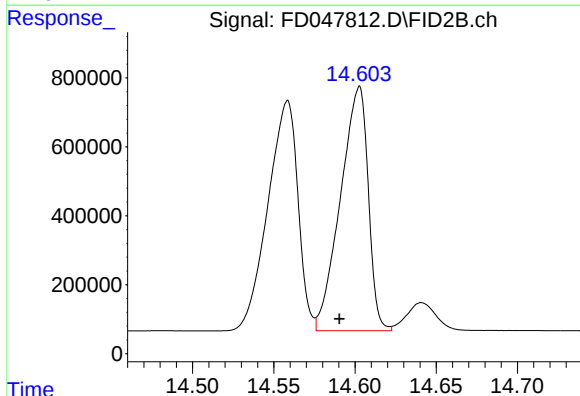
R.T.: 12.687 min
Delta R.T.: 0.008 min
Response: 9412577
Conc: 62.44 ug/ml

Instrument :
FID_D
ClientSampleId :



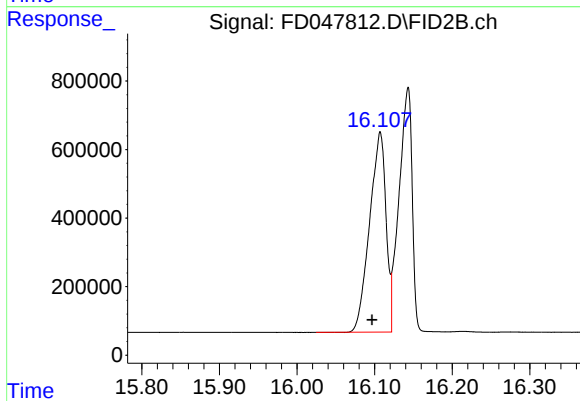
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.007 min
Response: 8611584
Conc: 62.82 ug/ml



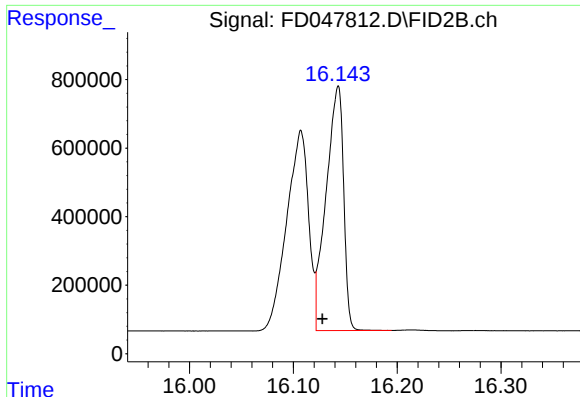
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.011 min
Response: 8423815
Conc: 57.18 ug/ml



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

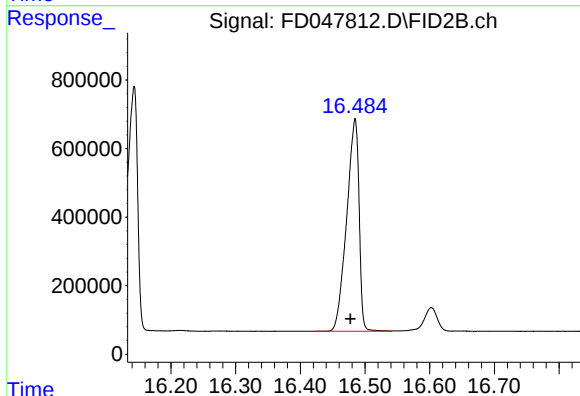
R.T.: 16.107 min
Delta R.T.: 0.010 min
Response: 8579008
Conc: 60.96 ug/ml



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

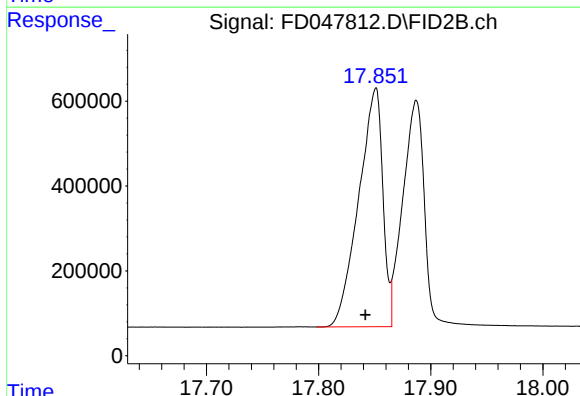
R.T.: 16.142 min
Delta R.T.: 0.014 min
Response: 8367833
Conc: 61.45 ug/ml

Instrument :
FID_D
ClientSampleId :



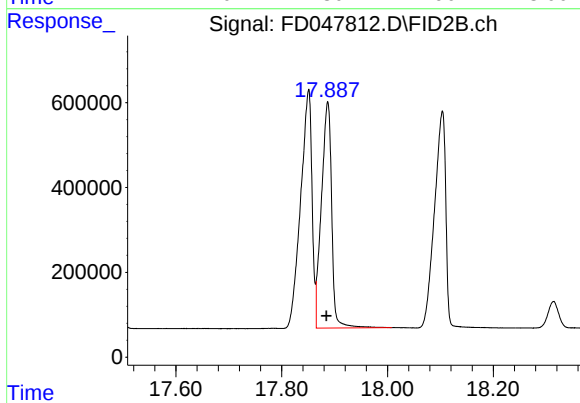
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.007 min
Response: 8281234
Conc: 59.83 ug/ml



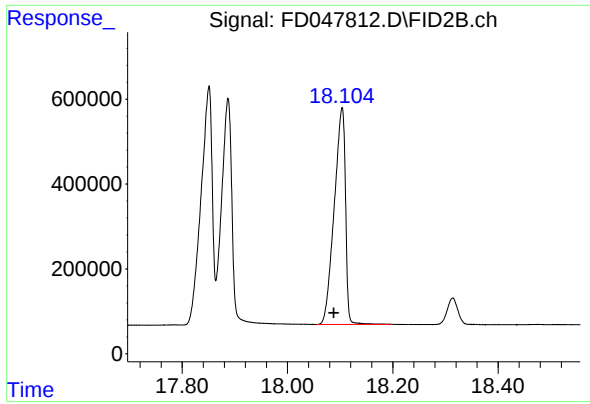
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: 0.008 min
Response: 8409620
Conc: 72.95 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.002 min
Response: 7182389
Conc: 53.86 ug/ml



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

R.T.: 18.103 min
Delta R.T.: 0.015 min
Response: 7584081
Conc: 57.03 ug/ml

Instrument :

FID_D

ClientSampleId :