

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047410.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 19:21
 Operator : YP/AJ
 Sample : P1814-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 03:27:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.454	7288504	44.129 ug/ml
Spiked Amount 50.000		Recovery =	88.26%
6) S 2-Fluorobiphenyl (SURR)	8.306	4673911	43.926 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.85%
11) S ortho-Terphenyl (SURR)	11.340	6861946	36.769 ug/ml
Spiked Amount 50.000		Recovery =	73.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5432708	30.568 ug/ml
2) T Naphthalene (C11.7)	5.796	6162675	33.792 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	6355301	34.847 ug/ml
5) T Acenaphthylene (C15.06)	8.110	6638225	39.817 ug/ml
7) T Acenaphthene (C15.5)	8.405	6632489	37.646 ug/ml
8) T Flouorene (C16.55)	9.183	6856549	40.704 ug/ml
9) T Phenanthrene (C19.36)	10.570	6997691	43.208 ug/ml
10) T Anthracene (C19.43)	10.645	6855227	46.580 ug/ml
12) T Fluoranthene (C21.85)	12.371	7042406	44.174 ug/ml
13) T Pyrene (C20.8)	12.666	7066723	45.677 ug/ml
14) T Benzo[a]anthracene (C...	14.529	6555293	48.357 ug/ml
15) T Chrysene (C27.41)	14.572	6654675	44.829 ug/ml
16) T benzo[b]fluoranthene ...	16.071	6219793	44.306 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	6341425	44.780 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	6014890	43.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	6258551	50.075 ug/ml
20) T Dibenz[a,h]anthracene...	17.845	6134848	46.520 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	5618072	41.813 ug/ml

(f)=RT Delta > 1/2 Window

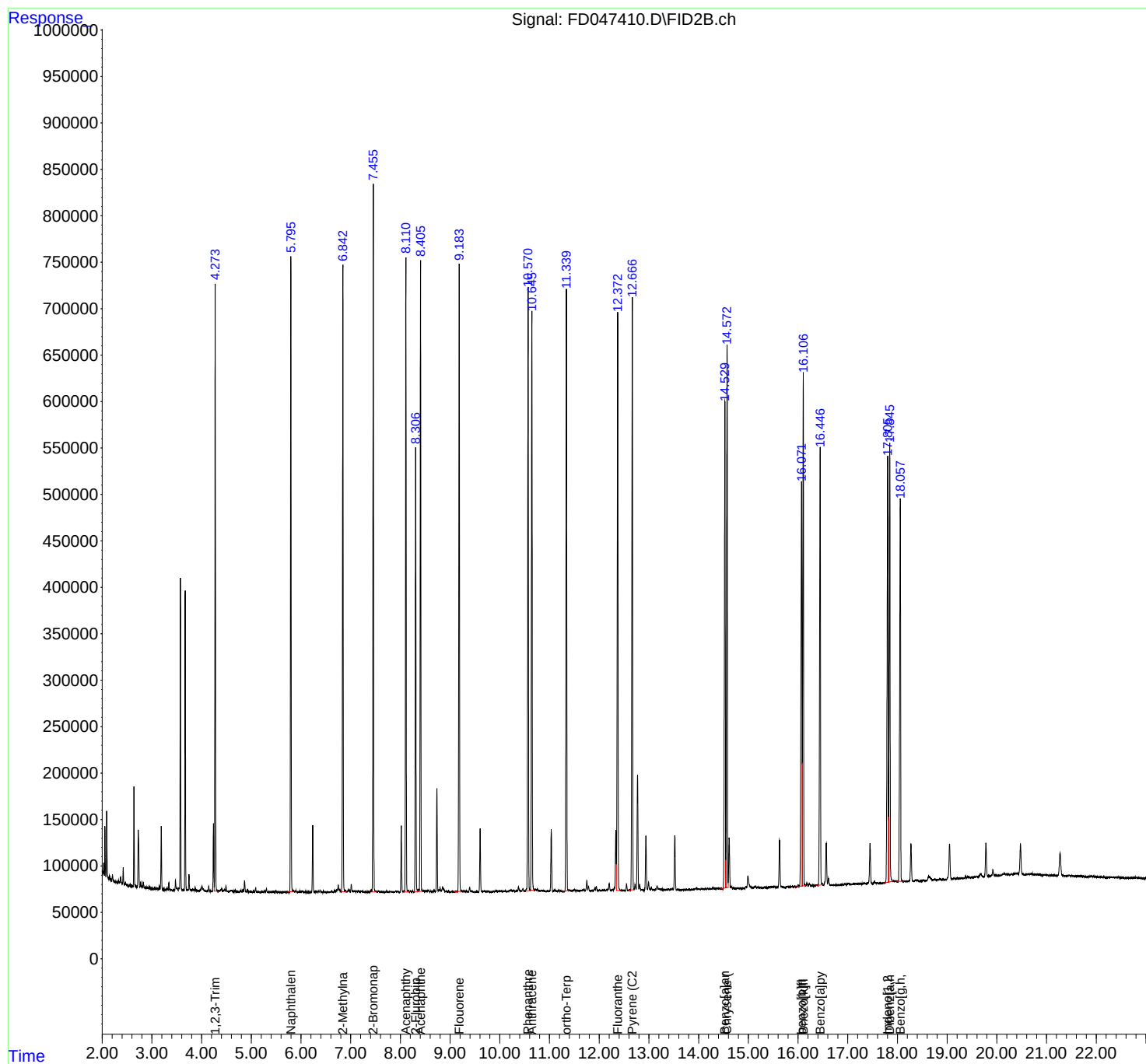
(m)=manual int.

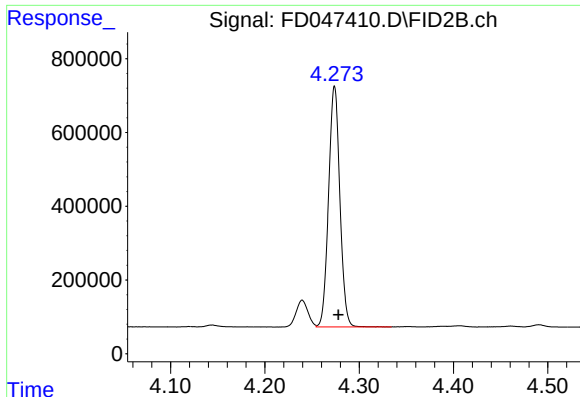
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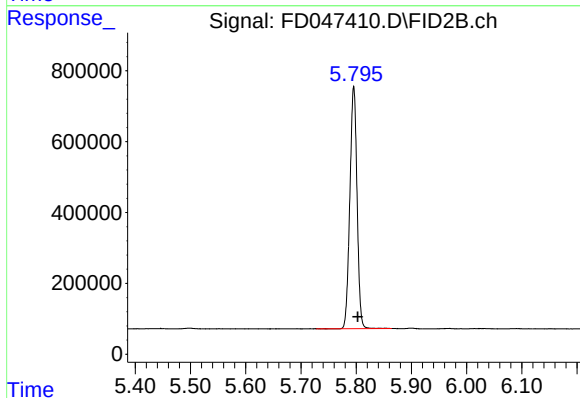




#1 1,2,3-Trimethylbenzene (C10.1)

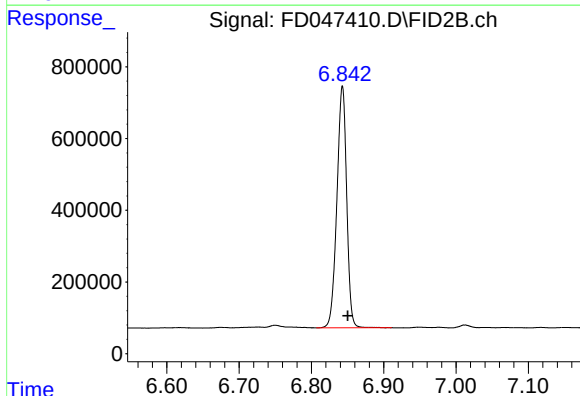
R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 5432708
Conc: 30.57 ug/ml

Instrument :
FID_D
ClientSampleId :



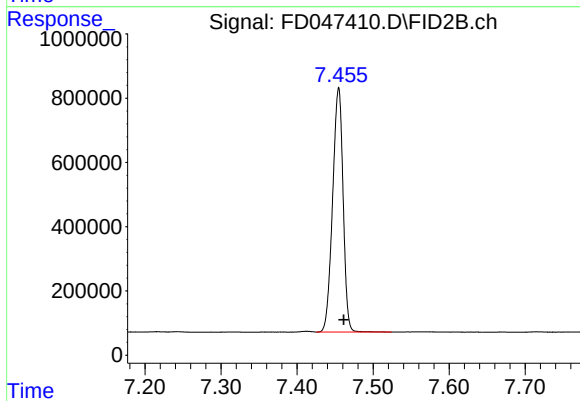
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.007 min
Response: 6162675
Conc: 33.79 ug/ml



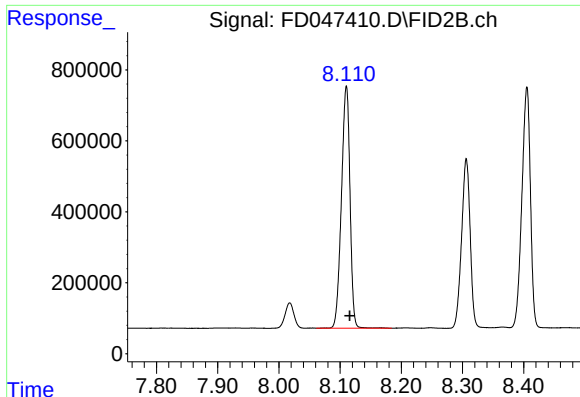
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.008 min
Response: 6355301
Conc: 34.85 ug/ml



#4 2-Bromonaphthalene (SURR)

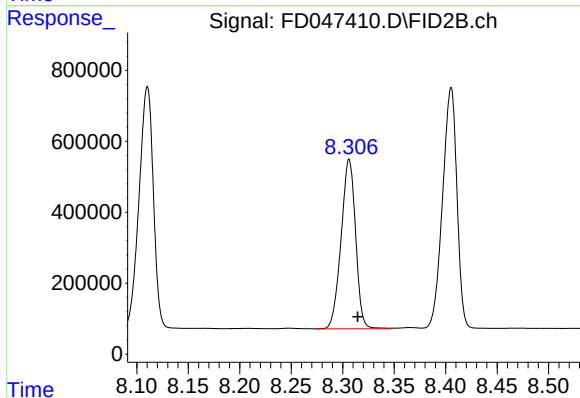
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 7288504
Conc: 44.13 ug/ml



#5 Acenaphthylene (C15.06)

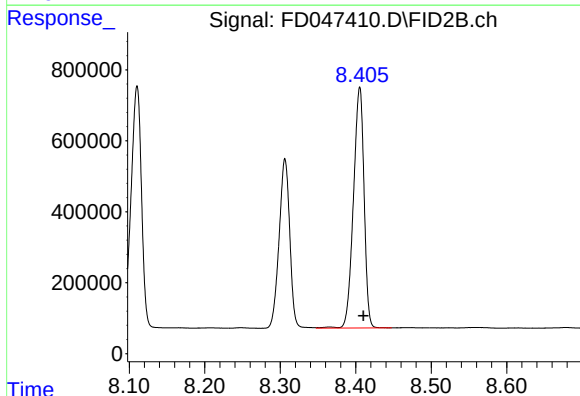
R.T.: 8.110 min
Delta R.T.: -0.006 min
Response: 6638225
Conc: 39.82 ug/ml

Instrument :
FID_D
ClientSampleId :



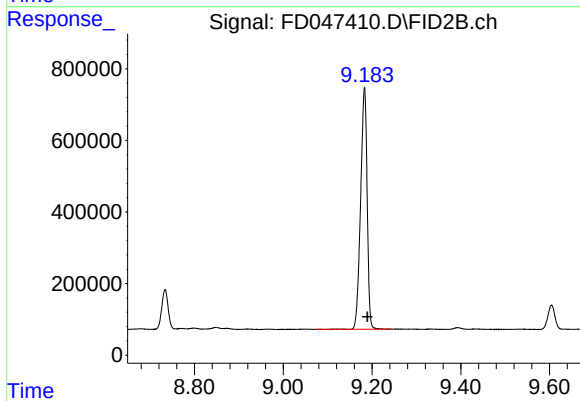
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 4673911
Conc: 43.93 ug/ml



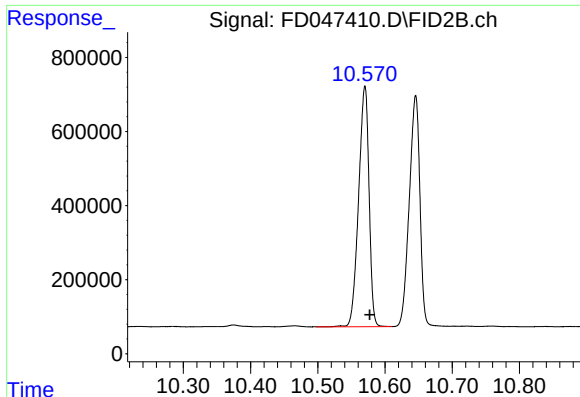
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 6632489
Conc: 37.65 ug/ml



#8 Fluorene (C16.55)

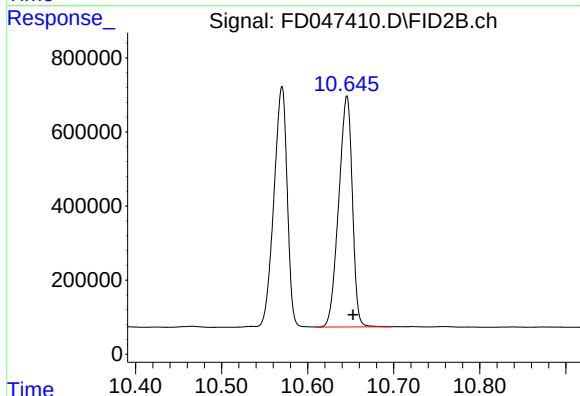
R.T.: 9.183 min
Delta R.T.: -0.007 min
Response: 6856549
Conc: 40.70 ug/ml



#9 Phenanthrene (C19.36)

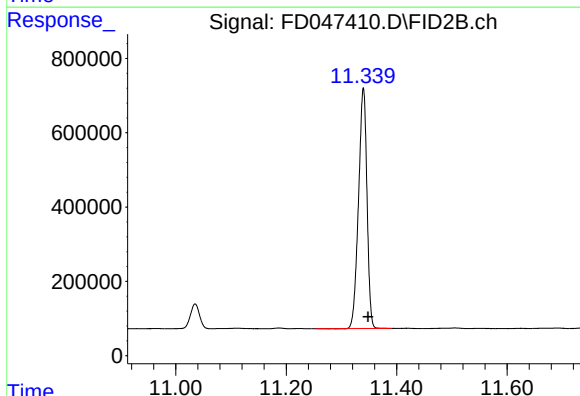
R.T.: 10.570 min
Delta R.T.: -0.008 min
Response: 6997691
Conc: 43.21 ug/ml

Instrument :
FID_D
ClientSampleId :



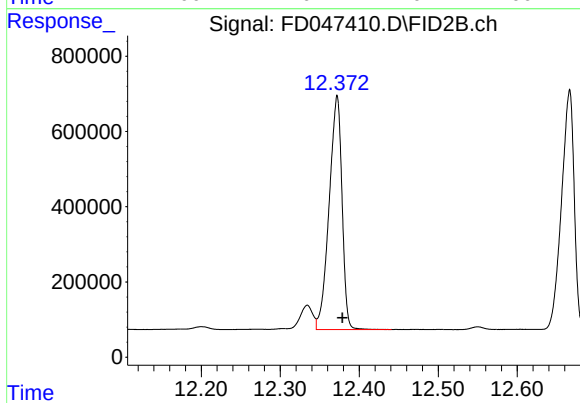
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: -0.008 min
Response: 6855227
Conc: 46.58 ug/ml



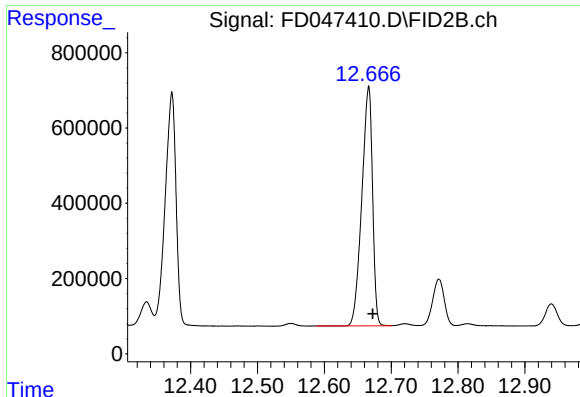
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 6861946
Conc: 36.77 ug/ml



#12 Fluoranthene (C21.85)

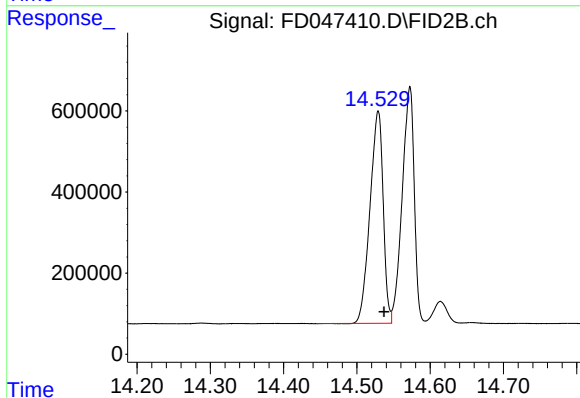
R.T.: 12.371 min
Delta R.T.: -0.007 min
Response: 7042406
Conc: 44.17 ug/ml



#13 Pyrene (C20.8)

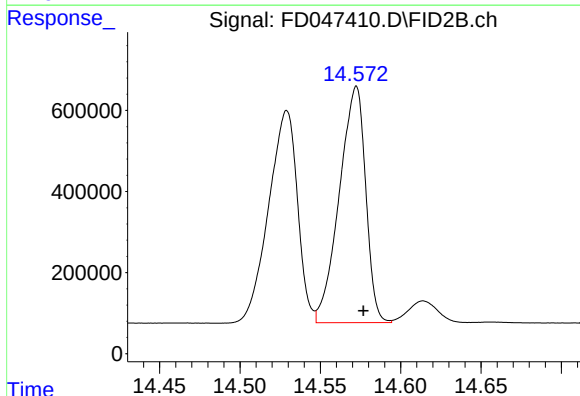
R.T.: 12.666 min
Delta R.T.: -0.006 min
Response: 7066723
Conc: 45.68 ug/ml

Instrument :
FID_D
ClientSampleId :



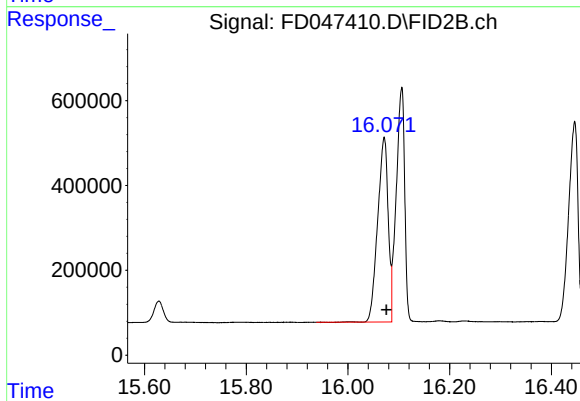
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.008 min
Response: 6555293
Conc: 48.36 ug/ml



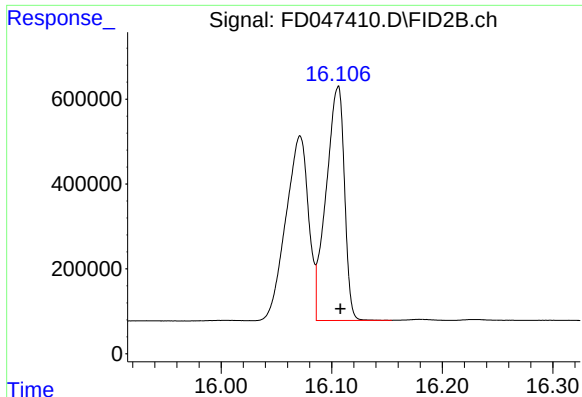
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: -0.005 min
Response: 6654675
Conc: 44.83 ug/ml



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

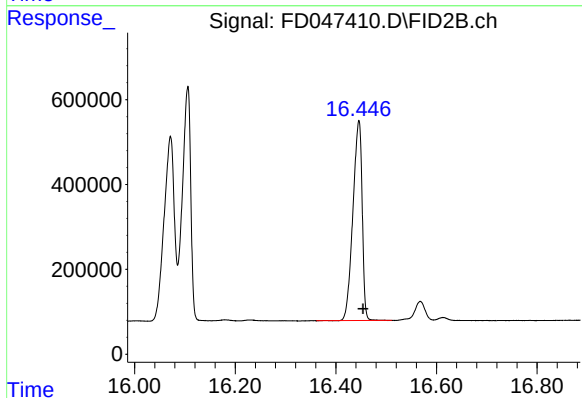
R.T.: 16.071 min
Delta R.T.: -0.005 min
Response: 6219793
Conc: 44.31 ug/ml



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

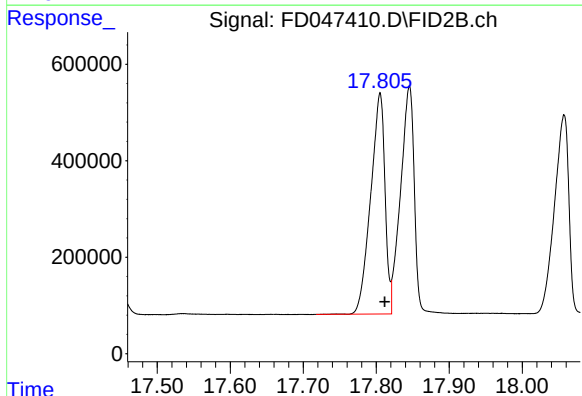
R.T.: 16.105 min
Delta R.T.: -0.003 min
Response: 6341425
Conc: 44.78 ug/ml

Instrument :
FID_D
ClientSampleId :



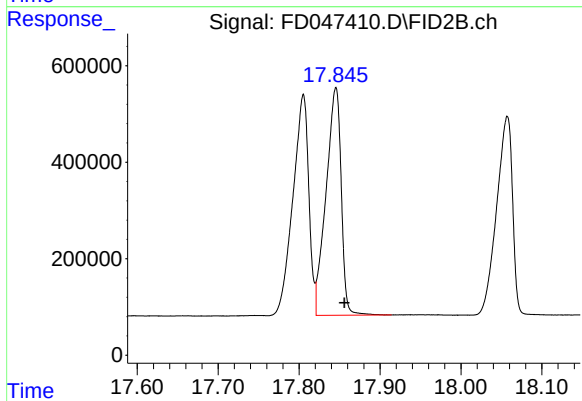
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.009 min
Response: 6014890
Conc: 43.54 ug/ml



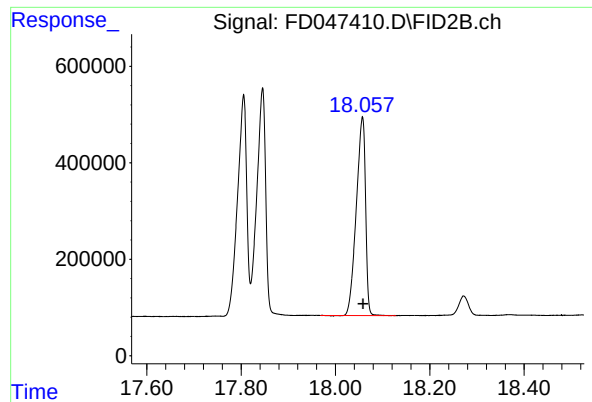
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: -0.007 min
Response: 6258551
Conc: 50.08 ug/ml



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

R.T.: 17.845 min
Delta R.T.: -0.011 min
Response: 6134848
Conc: 46.52 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.002 min
Response: 5618072
Conc: 41.81 ug/ml

Instrument :
FID_D
ClientSampleId :