

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045252.D
 Signal(s) : FID2B.ch
 Acq On : 09 Mar 2023 21:55
 Operator : YP/AJ
 Sample : 01802-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 00:44:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	6654141	49.033 ug/ml
Spiked Amount 50.000		Recovery =	98.07%
6) S 2-Fluorobiphenyl (SURR)	8.409	4366753	48.772 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.54%
11) S ortho-Terphenyl (SURR)	11.447	4061826	24.402 ug/ml
Spiked Amount 50.000		Recovery =	48.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	5286950	34.909 ug/ml
2) T Naphthalene (C11.7)	5.890	6012195	38.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	5947721	37.426 ug/ml
5) T Acenaphthylene (C15.06)	8.212	6244535	43.550 ug/ml
7) T Acenaphthene (C15.5)	8.509	6269929	41.367 ug/ml
8) T Fluorene (C16.55)	9.286	6306519	42.834 ug/ml
9) T Phenanthrene (C19.36)	10.678	6310026	44.196 ug/ml
10) T Anthracene (C19.43)	10.753	6042668	43.122 ug/ml
12) T Fluoranthene (C21.85)	12.483	6281879	44.970 ug/ml
13) T Pyrene (C20.8)	12.779	6202618	45.548 ug/ml
14) T Benzo[a]anthracene (C...	14.644	5772257	45.282 ug/ml
15) T Chrysene (C27.41)	14.688	5679313	43.577 ug/ml
16) T benzo[b]fluoranthene ...	16.188	5861287	45.465 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	5472553	43.353 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	5183811	41.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	5616099	46.946 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	5212225	43.211 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	5540813	44.532 ug/ml

(f)=RT Delta > 1/2 Window

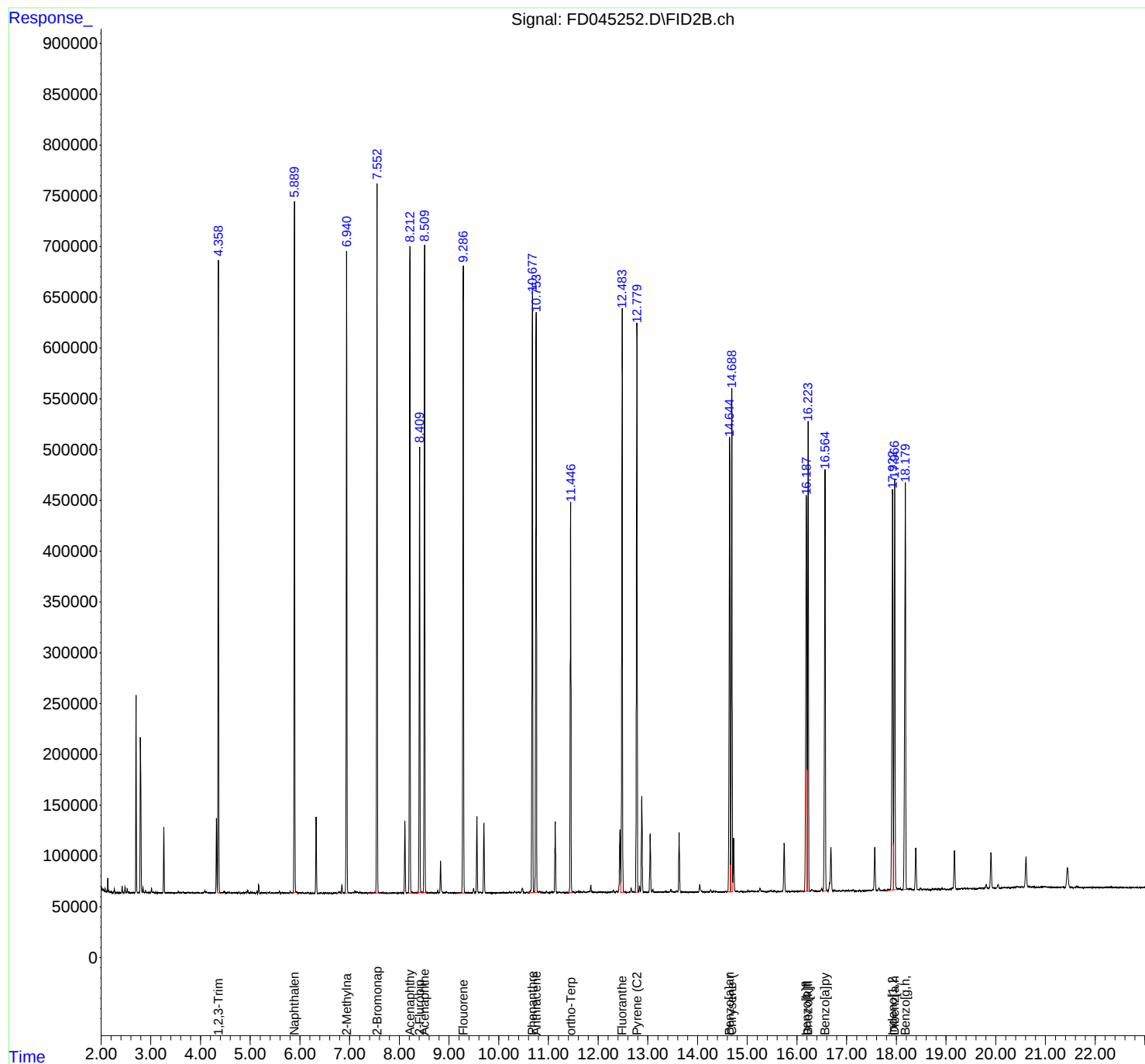
(m)=manual int.

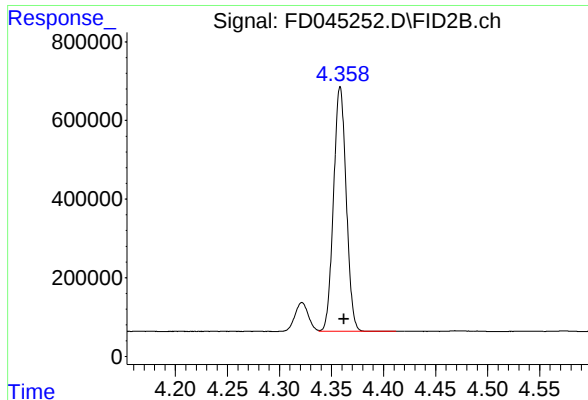
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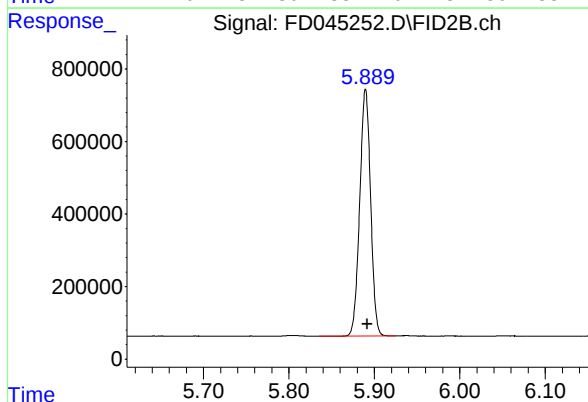




#1 1,2,3-Trimethylbenzene (C10.1)

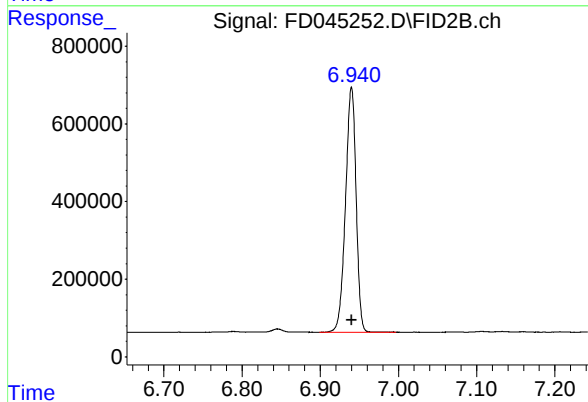
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 5286950
Conc: 34.91 ug/ml

Instrument :
FID_D
ClientSampleId :



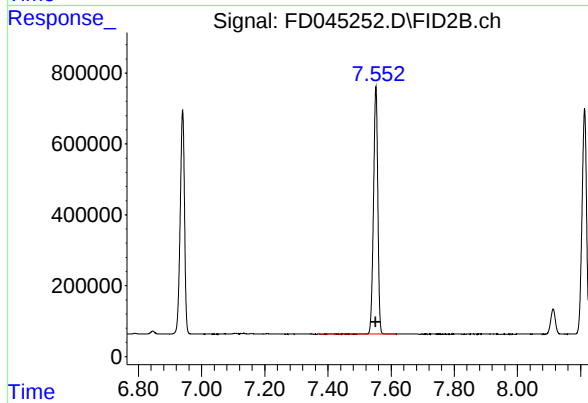
#2 Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 6012195
Conc: 38.06 ug/ml



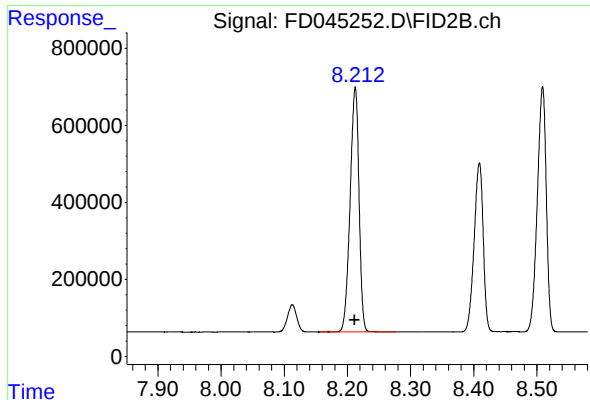
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 5947721
Conc: 37.43 ug/ml



#4 2-Bromonaphthalene (SURR)

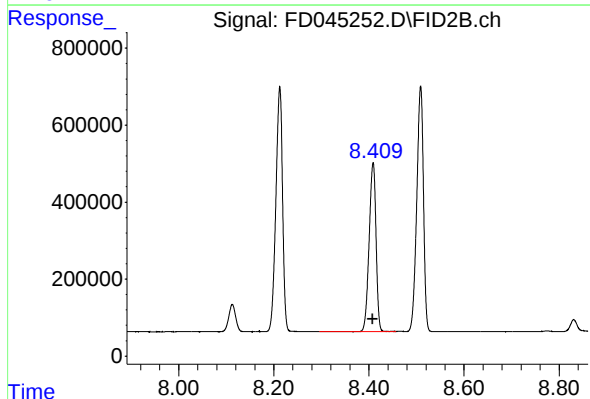
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 6654141
Conc: 49.03 ug/ml



#5 Acenaphthylene (C15.06)

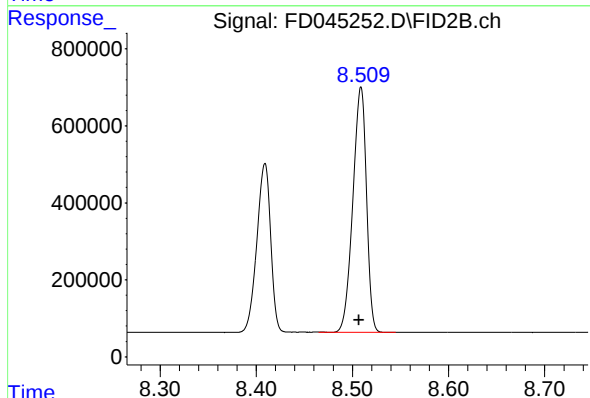
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 6244535
Conc: 43.55 ug/ml

Instrument :
FID_D
ClientSampleId :



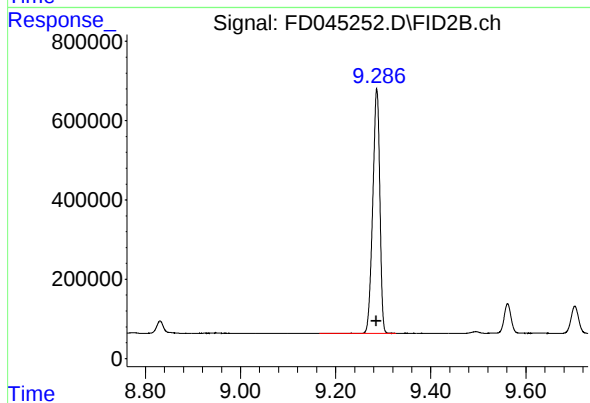
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: 0.001 min
Response: 4366753
Conc: 48.77 ug/ml



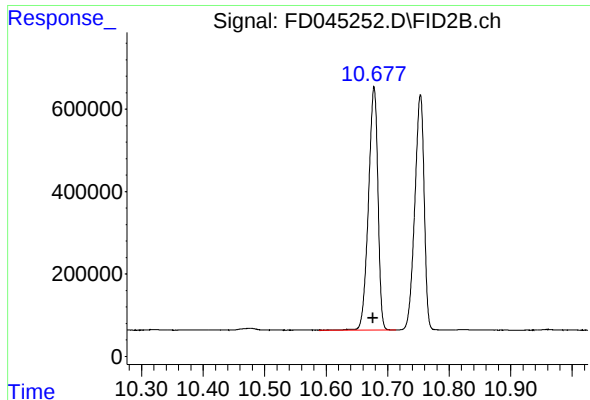
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: 0.002 min
Response: 6269929
Conc: 41.37 ug/ml



#8 Fluorene (C16.55)

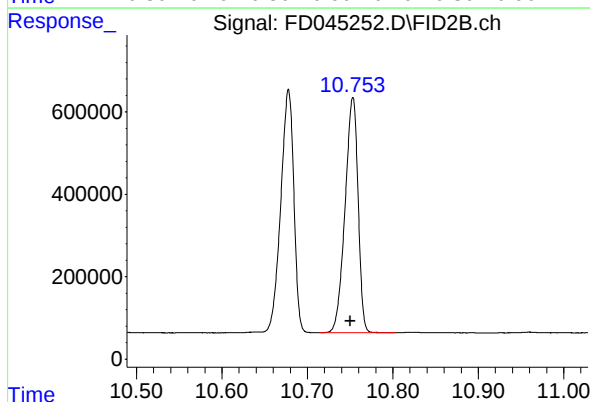
R.T.: 9.286 min
Delta R.T.: 0.001 min
Response: 6306519
Conc: 42.83 ug/ml



#9 Phenanthrene (C19.36)

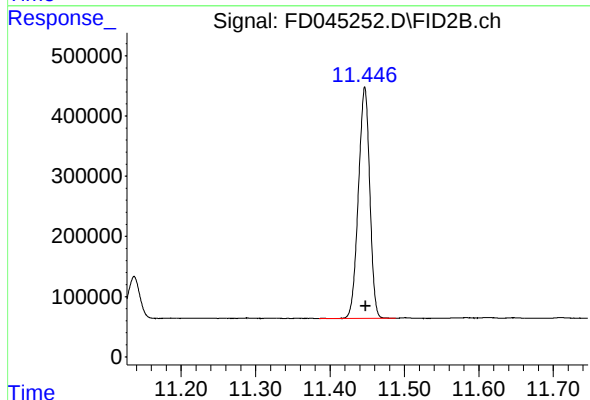
R.T.: 10.678 min
Delta R.T.: 0.002 min
Response: 6310026
Conc: 44.20 ug/ml

Instrument :
FID_D
ClientSampleId :



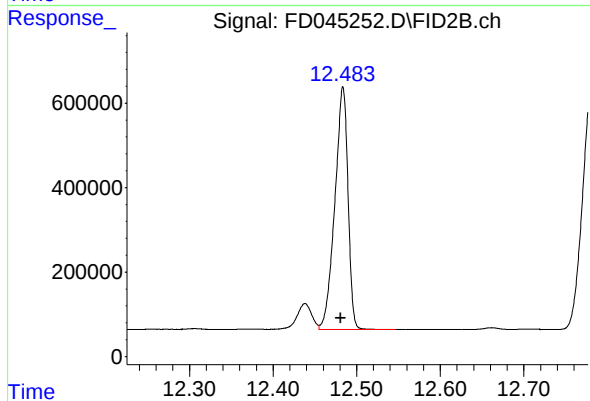
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.003 min
Response: 6042668
Conc: 43.12 ug/ml



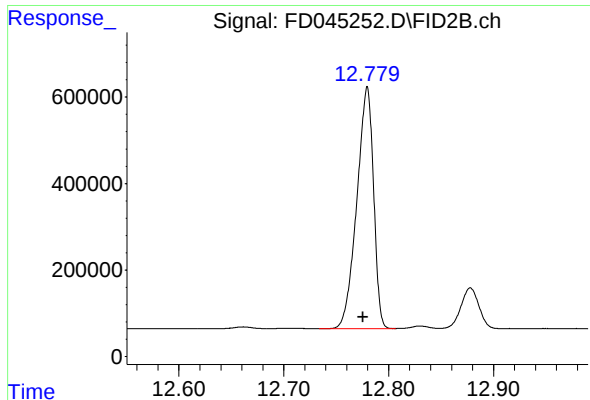
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.001 min
Response: 4061826
Conc: 24.40 ug/ml



#12 Fluoranthene (C21.85)

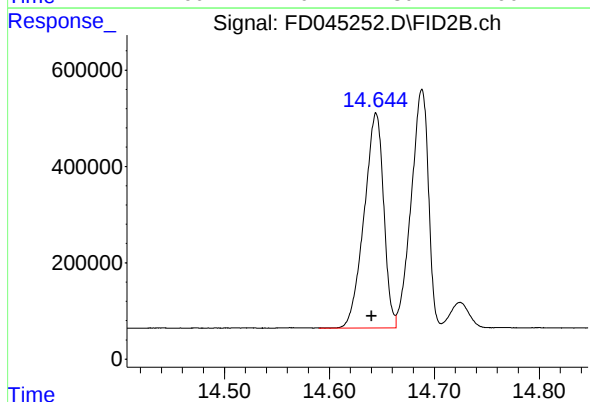
R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 6281879
Conc: 44.97 ug/ml



#13 Pyrene (C20.8)

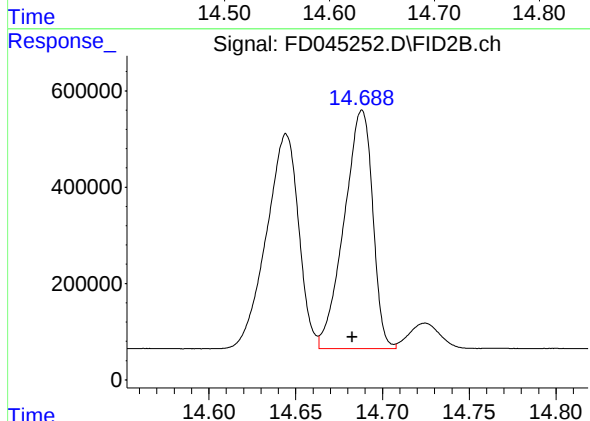
R.T.: 12.779 min
Delta R.T.: 0.004 min
Response: 6202618
Conc: 45.55 ug/ml

Instrument :
FID_D
ClientSampleId :



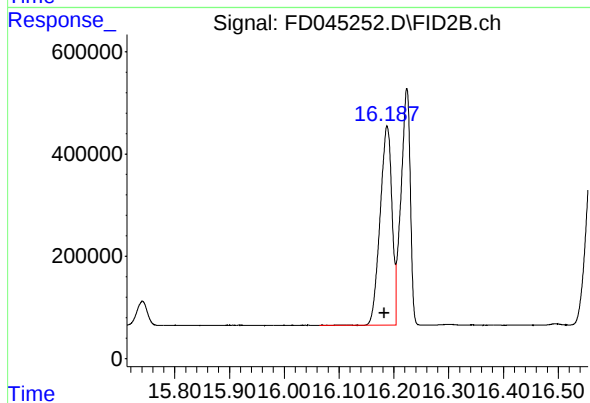
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: 0.004 min
Response: 5772257
Conc: 45.28 ug/ml



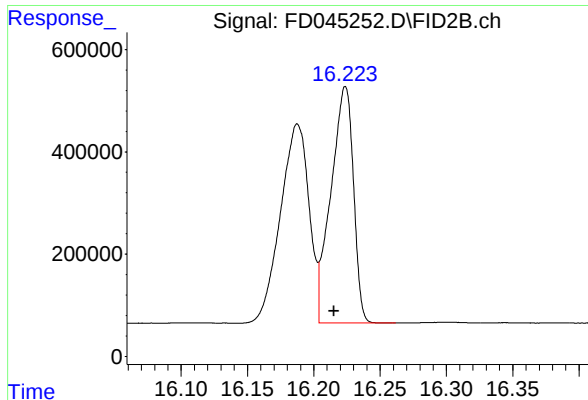
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.005 min
Response: 5679313
Conc: 43.58 ug/ml



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

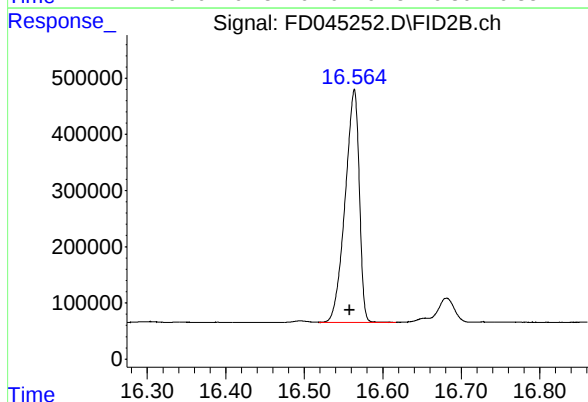
R.T.: 16.188 min
Delta R.T.: 0.005 min
Response: 5861287
Conc: 45.46 ug/ml



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

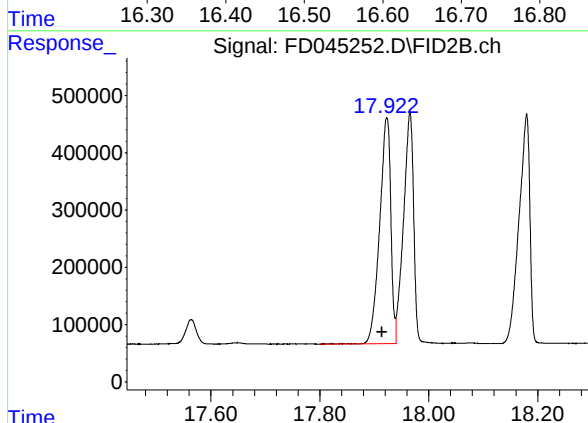
R.T.: 16.223 min
Delta R.T.: 0.008 min
Response: 5472553
Conc: 43.35 ug/ml

Instrument :
FID_D
ClientSampleId :



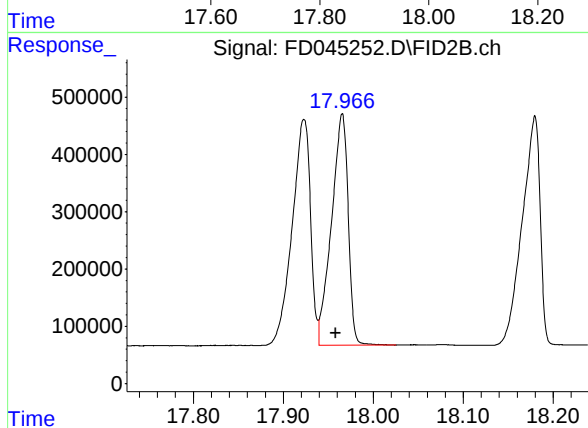
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: 0.005 min
Response: 5183811
Conc: 41.19 ug/ml



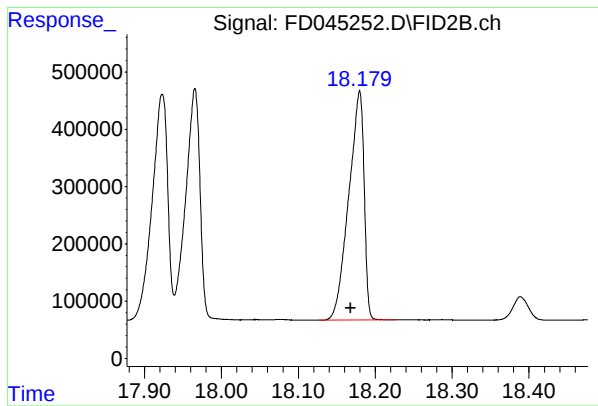
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.008 min
Response: 5616099
Conc: 46.95 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.007 min
Response: 5212225
Conc: 43.21 ug/ml



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

R.T.: 18.179 min
Delta R.T.: 0.011 min
Response: 5540813
Conc: 44.53 ug/ml

Instrument :
FID_D
ClientSampleId :