

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031323AR\
 Data File : FD045280.D
 Signal(s) : FID2B.ch
 Acq On : 13 Mar 2023 13:27
 Operator : YP/AJ
 Sample : PB151345BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151345BSD

Integration File: autoint1.e
 Quant Time: Mar 14 03:59:14 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	6005476	44.253 ug/ml
Spiked Amount 50.000		Recovery =	88.51%
6) S 2-Fluorobiphenyl (SURR)	8.408	3808701	42.539 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.08%
11) S ortho-Terphenyl (SURR)	11.449	6144957	36.917 ug/ml
Spiked Amount 50.000		Recovery =	73.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	4660168	30.770 ug/ml
2) T Naphthalene (C11.7)	5.890	5202680	32.933 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5157455	32.454 ug/ml
5) T Acenaphthylene (C15.06)	8.212	5431025	37.876 ug/ml
7) T Acenaphthene (C15.5)	8.508	5449389	35.953 ug/ml
8) T Flouorene (C16.55)	9.286	5526330	37.535 ug/ml
9) T Phenanthrene (C19.36)	10.679	5667734	39.697 ug/ml
10) T Anthracene (C19.43)	10.753	5518637	39.383 ug/ml
12) T Fluoranthene (C21.85)	12.484	5795469	41.488 ug/ml
13) T Pyrene (C20.8)	12.780	5736206	42.123 ug/ml
14) T Benzo[a]anthracene (C...	14.645	5357156	42.026 ug/ml
15) T Chrysene (C27.41)	14.689	5370473	41.207 ug/ml
16) T benzo[b]fluoranthene ...	16.190	5418833	42.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	5134715	40.677 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	4795063	38.099 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	5138062	42.950 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	4813221	39.903 ug/ml
21) T Benzo[g,h,i]perylene ...	18.180	5049885	40.586 ug/ml

(f)=RT Delta > 1/2 Window

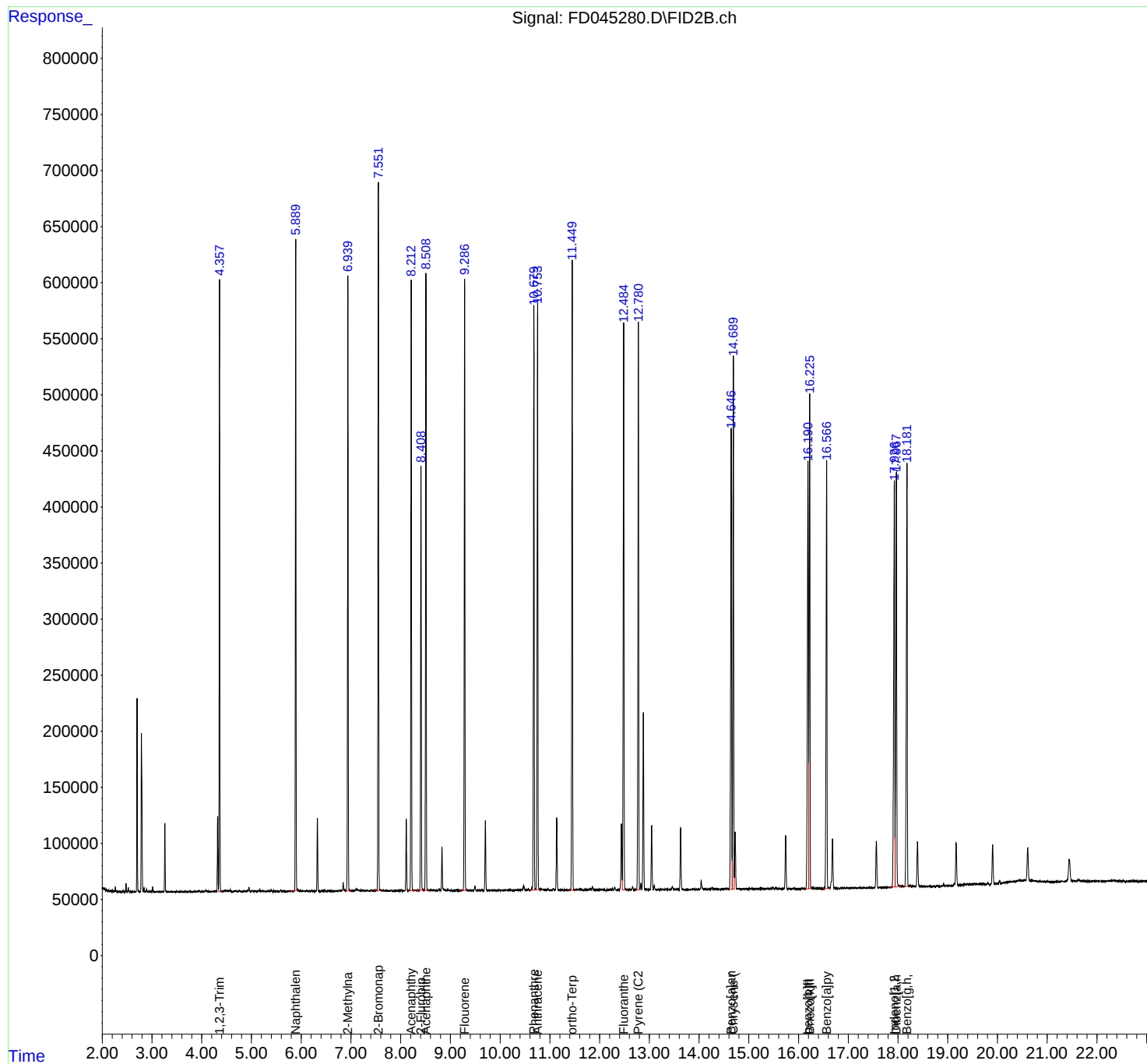
(m)=manual int.

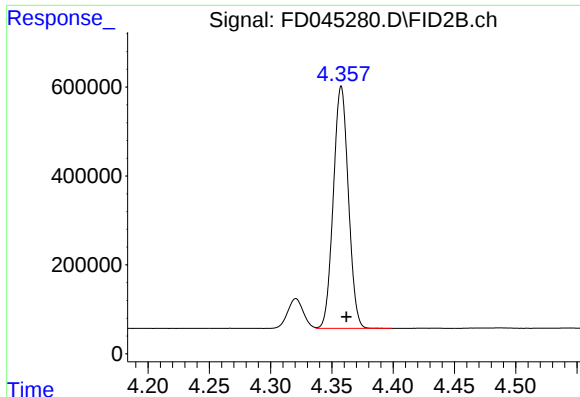
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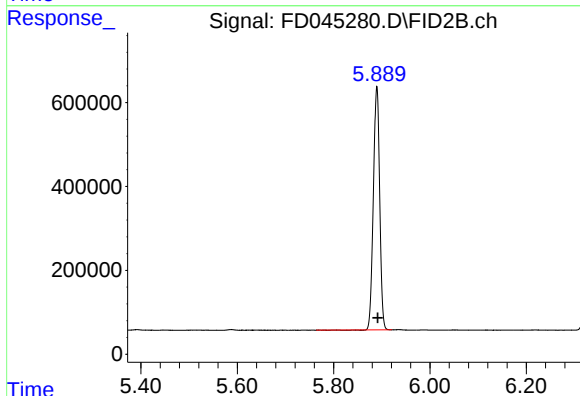




#1 1,2,3-Trimethylbenzene (C10.1)

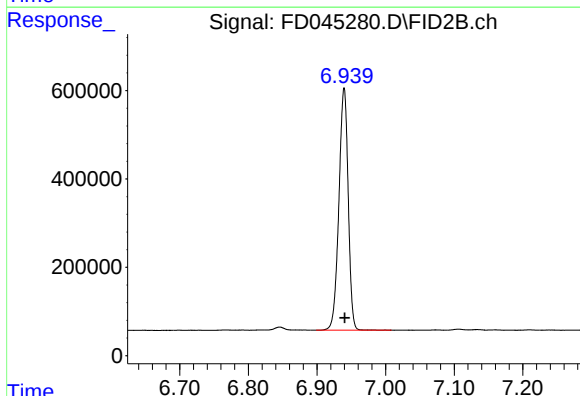
R.T.: 4.358 min
Delta R.T.: -0.004 min
Response: 4660168
Conc: 30.77 ug/ml

Instrument :
FID_D
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PB151345BSD



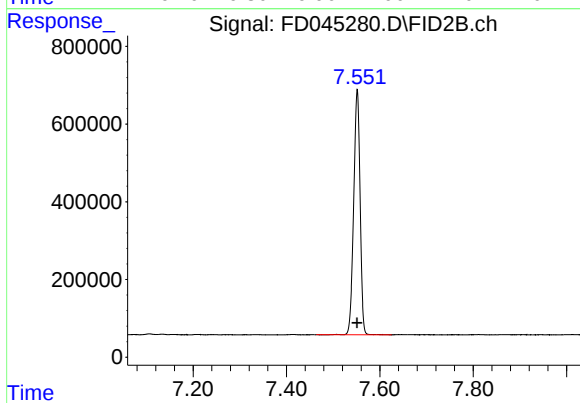
#2 Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 5202680
Conc: 32.93 ug/ml



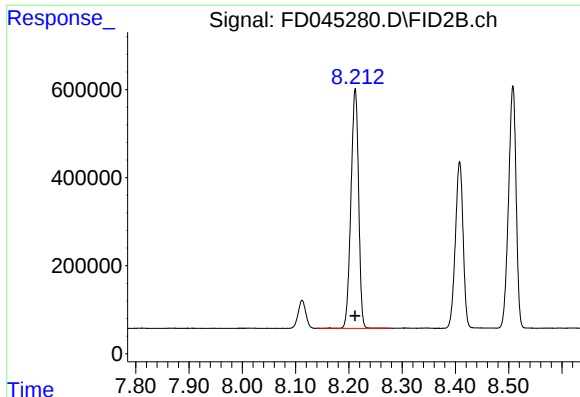
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 5157455
Conc: 32.45 ug/ml



#4 2-Bromonaphthalene (SURR)

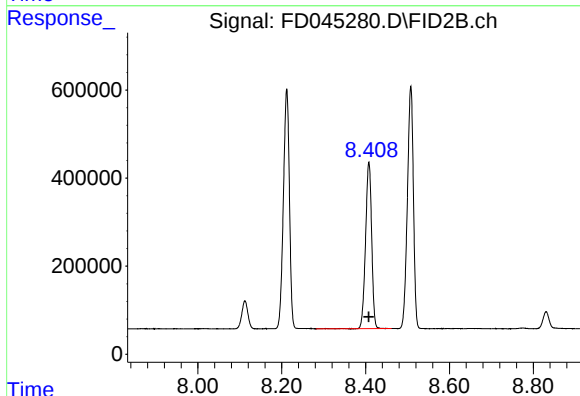
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 6005476
Conc: 44.25 ug/ml



#5 Acenaphthylene (C15.06)

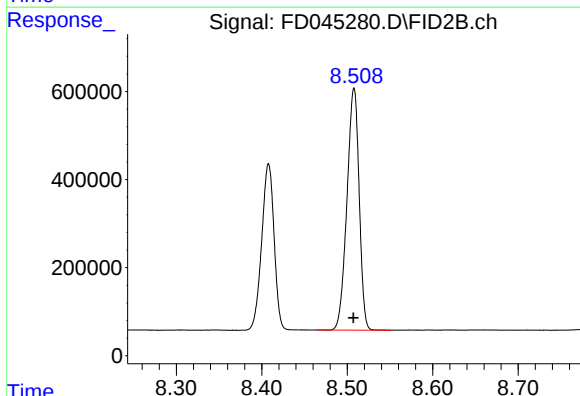
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 5431025
Conc: 37.88 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151345BSD



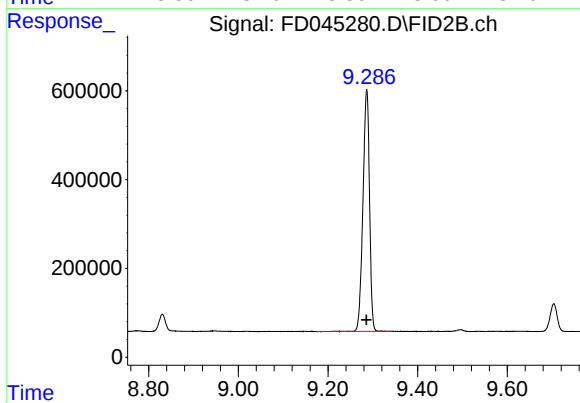
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3808701
Conc: 42.54 ug/ml



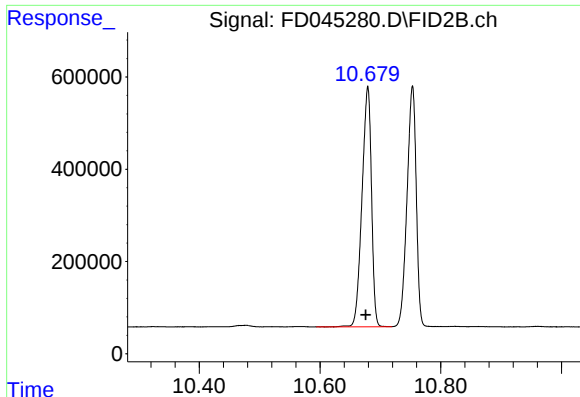
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 5449389
Conc: 35.95 ug/ml



#8 Fluorene (C16.55)

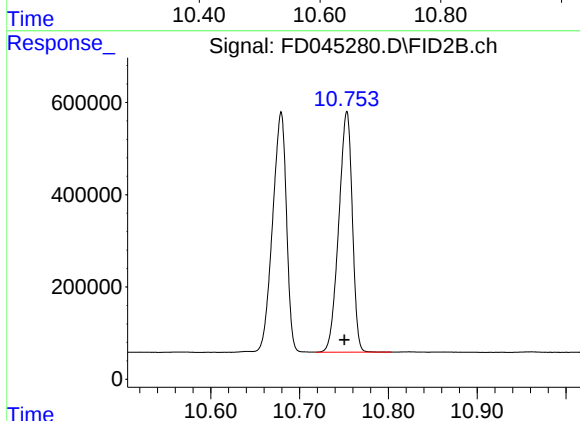
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 5526330
Conc: 37.54 ug/ml



#9 Phenanthrene (C19.36)

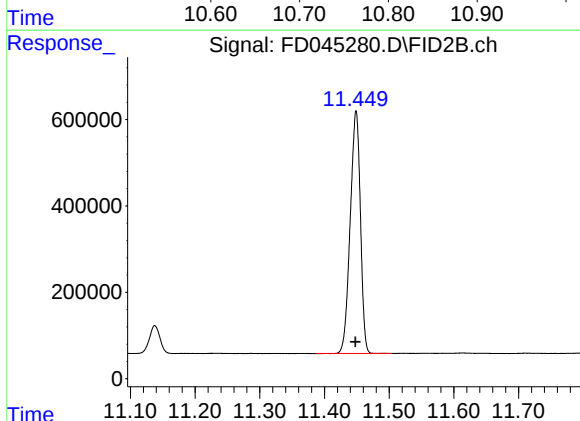
R.T.: 10.679 min
Delta R.T.: 0.003 min
Response: 5667734
Conc: 39.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151345BSD



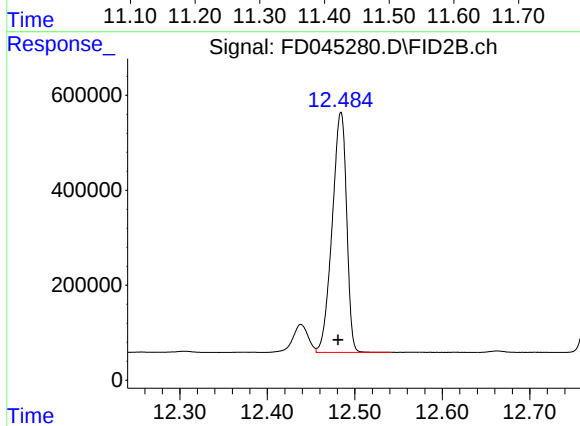
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.003 min
Response: 5518637
Conc: 39.38 ug/ml



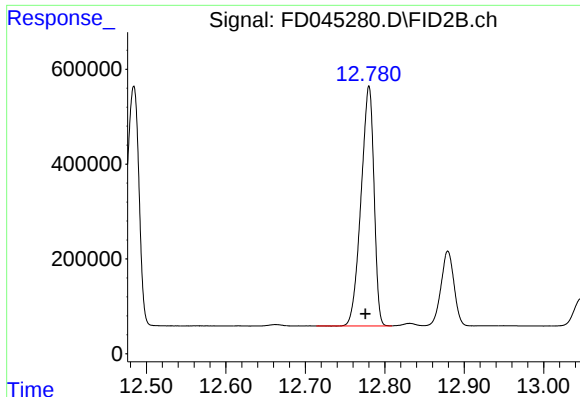
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.000 min
Response: 6144957
Conc: 36.92 ug/ml



#12 Fluoranthene (C21.85)

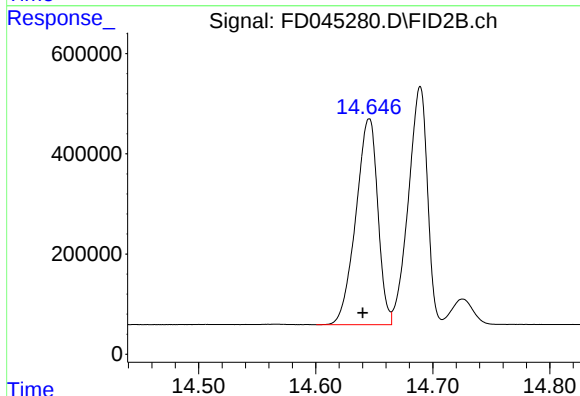
R.T.: 12.484 min
Delta R.T.: 0.003 min
Response: 5795469
Conc: 41.49 ug/ml



#13 Pyrene (C20.8)

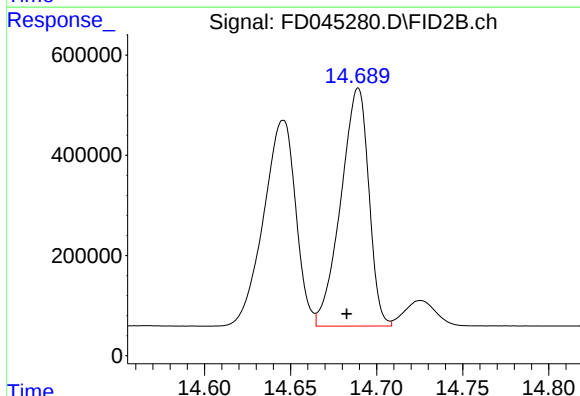
R.T.: 12.780 min
Delta R.T.: 0.004 min
Response: 5736206
Conc: 42.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151345BSD



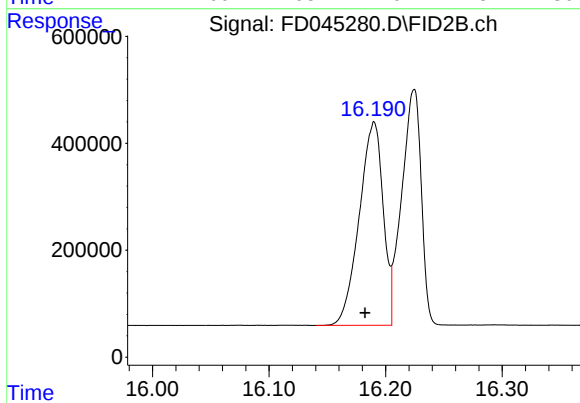
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.645 min
Delta R.T.: 0.005 min
Response: 5357156
Conc: 42.03 ug/ml



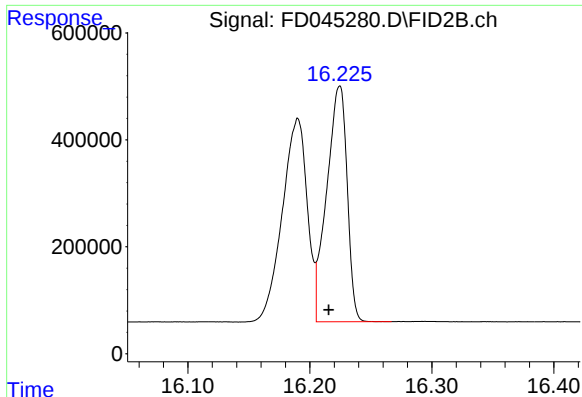
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: 0.006 min
Response: 5370473
Conc: 41.21 ug/ml



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

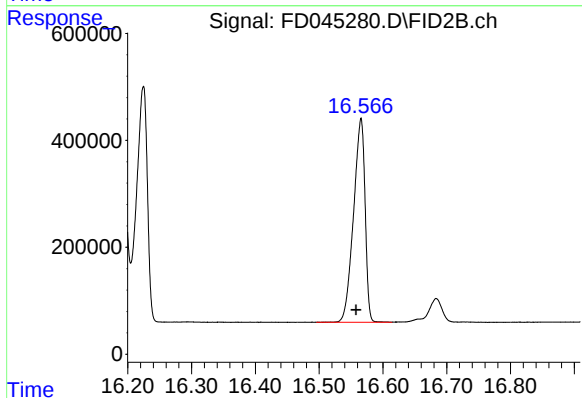
R.T.: 16.190 min
Delta R.T.: 0.007 min
Response: 5418833
Conc: 42.03 ug/ml



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

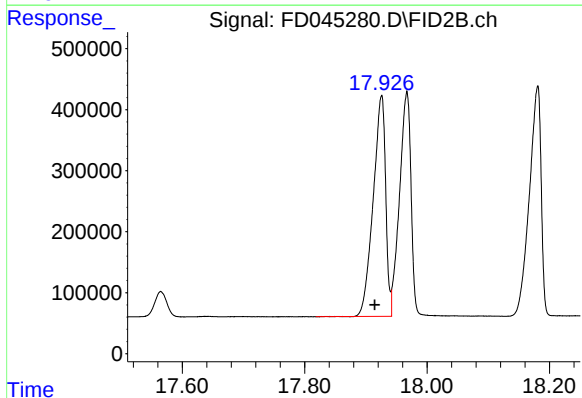
R.T.: 16.224 min
Delta R.T.: 0.009 min
Response: 5134715
Conc: 40.68 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151345BSD



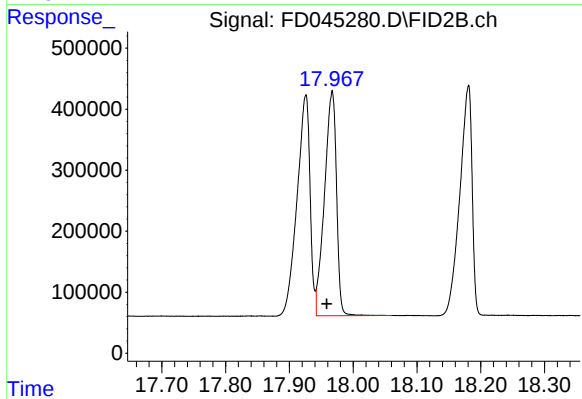
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: 0.007 min
Response: 4795063
Conc: 38.10 ug/ml



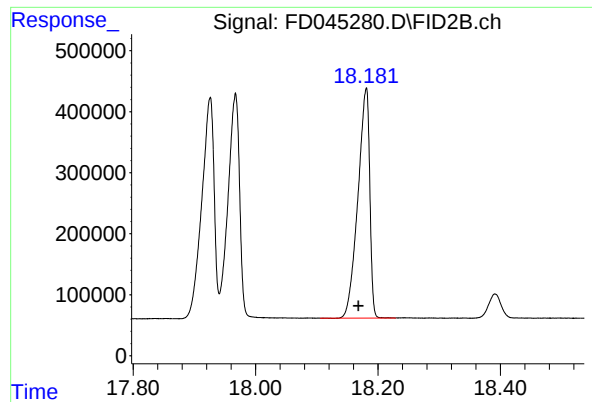
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: 0.011 min
Response: 5138062
Conc: 42.95 ug/ml



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

R.T.: 17.967 min
Delta R.T.: 0.008 min
Response: 4813221
Conc: 39.90 ug/ml



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

R.T.: 18.180 min
Delta R.T.: 0.012 min
Response: 5049885
Conc: 40.59 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151345BSD