

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045247.D
 Signal(s) : FID2B.ch
 Acq On : 09 Mar 2023 17:30
 Operator : YP/AJ
 Sample : PB151328BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 00:43:56 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...	7.551	5734163	42.254 ug/ml
Spiked Amount 50.000		Recovery =	84.51%
6) S 2-Fluorobiphenyl (SURR)	8.407	3365534	37.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.18%
11) S ortho-Terphenyl (SURR)	11.448	5769540	34.661 ug/ml
Spiked Amount 50.000		Recovery =	69.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	4360922	28.794 ug/ml
2) T Naphthalene (C11.7)	5.888	4894557	30.983 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	4873139	30.665 ug/ml
5) T Acenaphthylene (C15.06)	8.211	5156582	35.962 ug/ml
7) T Acenaphthene (C15.5)	8.507	5162443	34.060 ug/ml
8) T Fluorene (C16.55)	9.285	5199272	35.314 ug/ml
9) T Phenanthrene (C19.36)	10.677	5316119	37.234 ug/ml
10) T Anthracene (C19.43)	10.751	5163951	36.851 ug/ml
12) T Fluoranthene (C21.85)	12.483	5395505	38.625 ug/ml
13) T Pyrene (C20.8)	12.777	5347075	39.265 ug/ml
14) T Benzo[a]anthracene (C...	14.642	4951382	38.842 ug/ml
15) T Chrysene (C27.41)	14.686	4968414	38.122 ug/ml
16) T benzo[b]fluoranthene ...	16.186	5068521	39.315 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	4781097	37.875 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	4462153	35.454 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.920	4535262	37.911 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	4108593	34.062 ug/ml
21) T Benzo[g,h,i]perylene ...	18.174	4585122	36.851 ug/ml

(f)=RT Delta > 1/2 Window

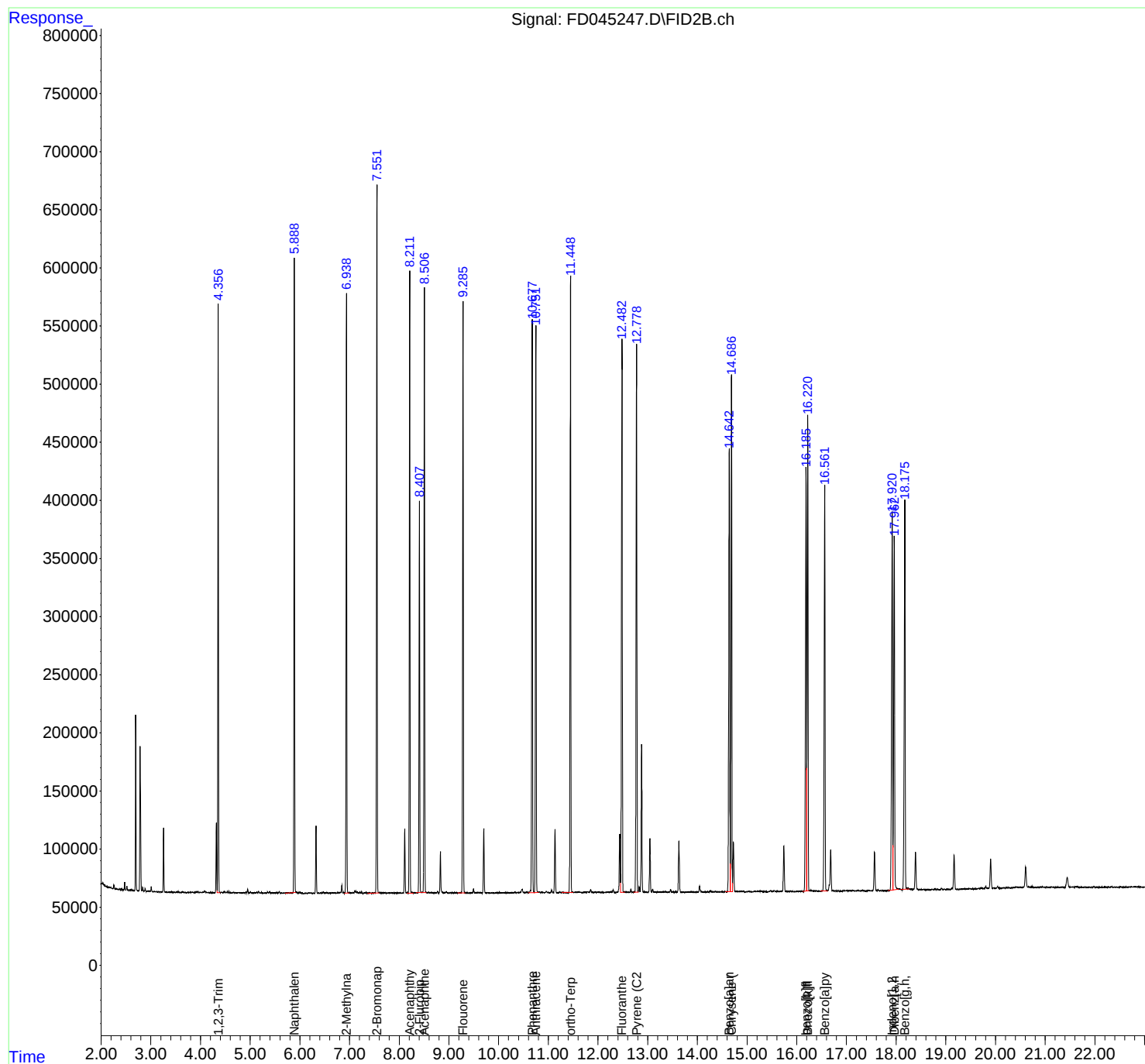
(m)=manual int.

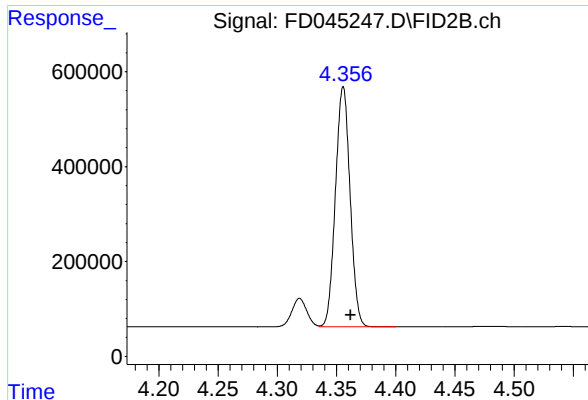
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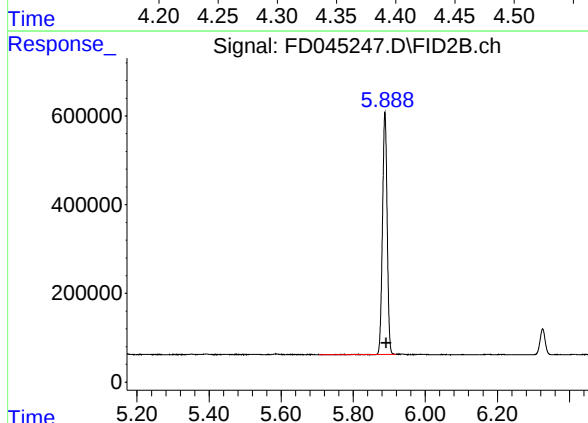




#1 1,2,3-Trimethylbenzene (C10.1)

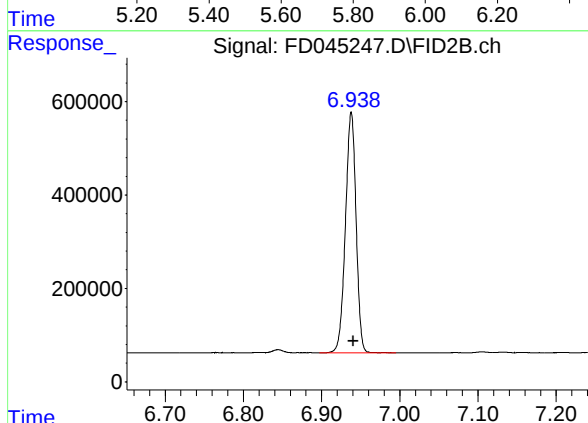
R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 4360922
Conc: 28.79 ug/ml

Instrument :
FID_D
ClientSampleId :



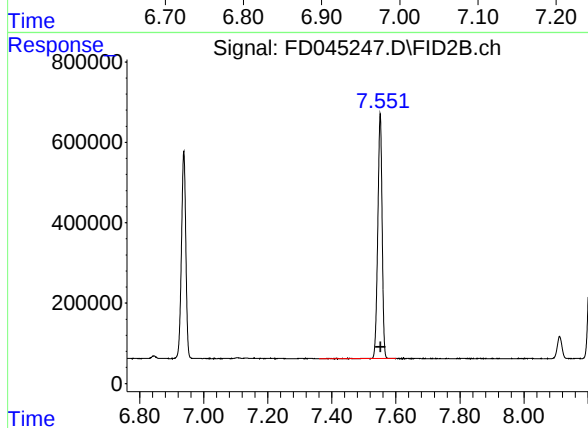
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 4894557
Conc: 30.98 ug/ml



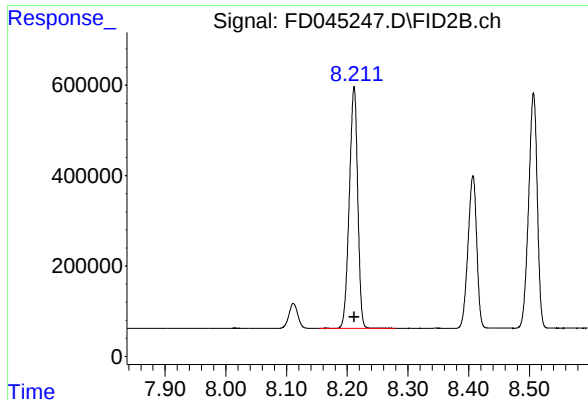
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 4873139
Conc: 30.66 ug/ml



#4 2-Bromonaphthalene (SURR)

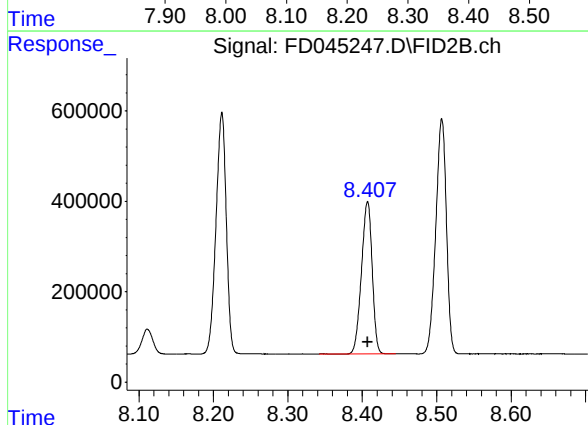
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 5734163
Conc: 42.25 ug/ml



#5 Acenaphthylene (C15.06)

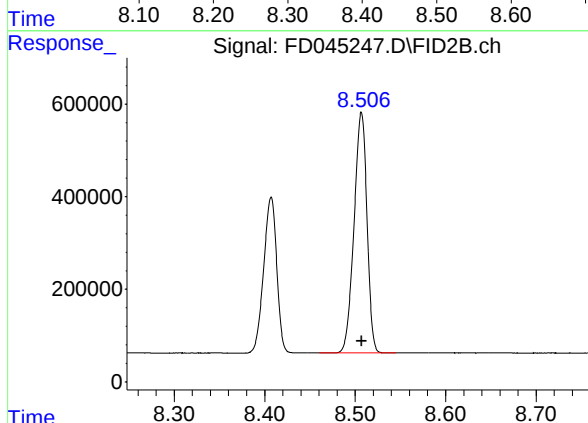
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 5156582
Conc: 35.96 ug/ml

Instrument :
FID_D
ClientSampleId :



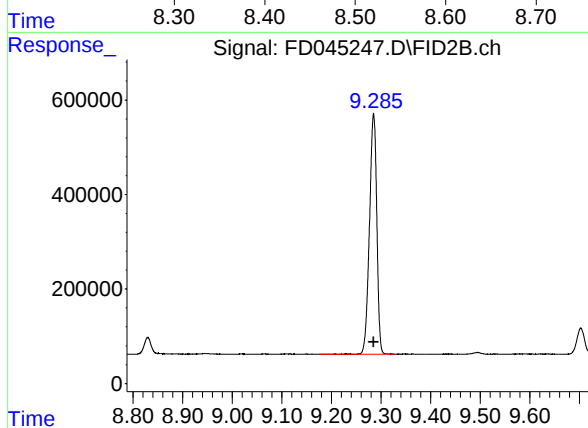
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 3365534
Conc: 37.59 ug/ml



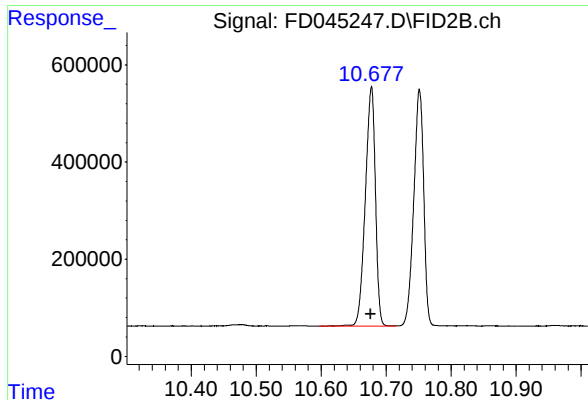
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 5162443
Conc: 34.06 ug/ml



#8 Flouorene (C16.55)

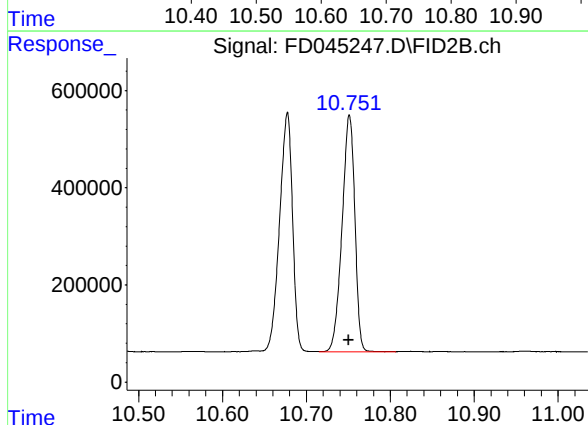
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 5199272
Conc: 35.31 ug/ml



#9 Phenanthrene (C19.36)

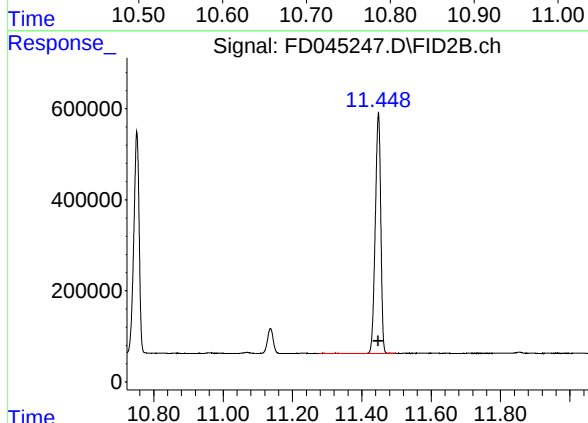
R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 5316119
Conc: 37.23 ug/ml

Instrument :
FID_D
ClientSampleId :



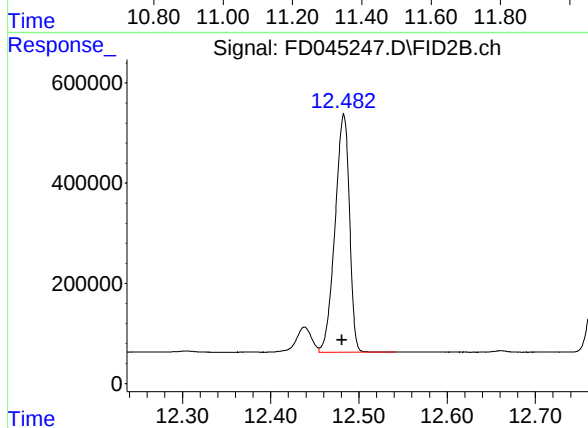
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 5163951
Conc: 36.85 ug/ml



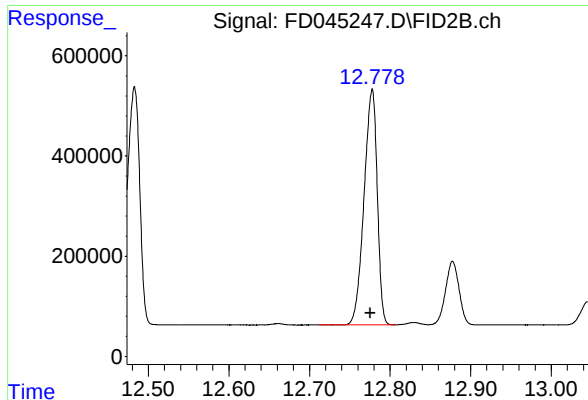
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 5769540
Conc: 34.66 ug/ml



#12 Fluoranthene (C21.85)

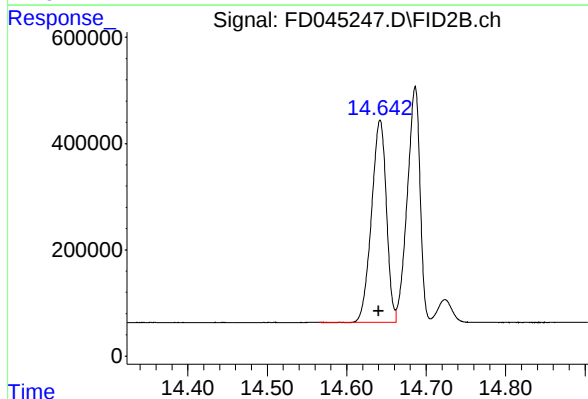
R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 5395505
Conc: 38.62 ug/ml



#13 Pyrene (C20.8)

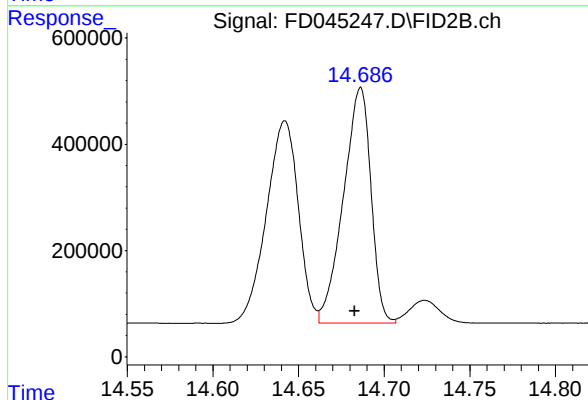
R.T.: 12.777 min
Delta R.T.: 0.002 min
Response: 5347075
Conc: 39.27 ug/ml

Instrument :
FID_D
ClientSampleId :



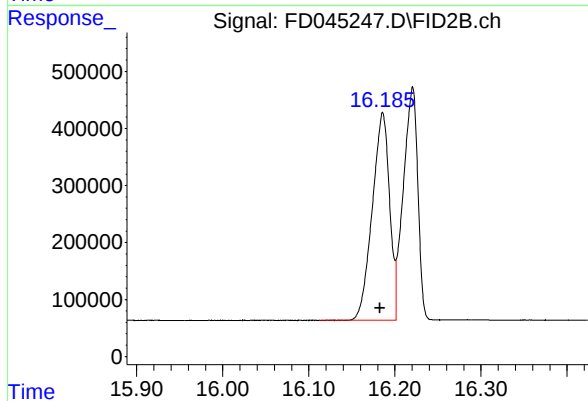
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.002 min
Response: 4951382
Conc: 38.84 ug/ml



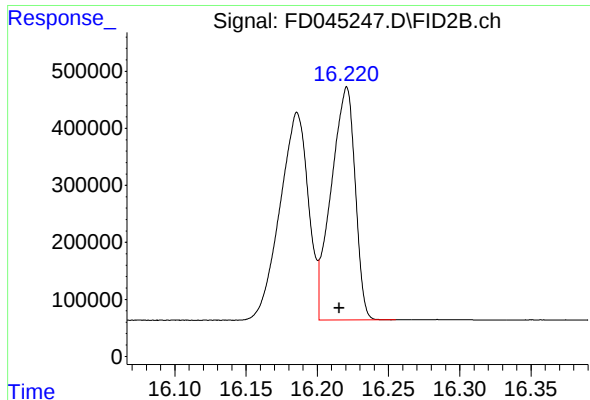
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.003 min
Response: 4968414
Conc: 38.12 ug/ml



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

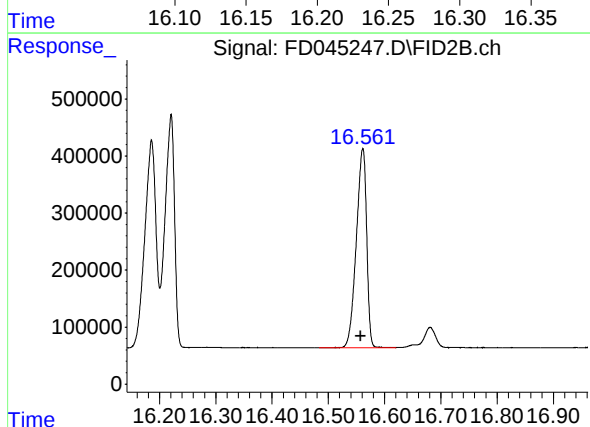
R.T.: 16.186 min
Delta R.T.: 0.003 min
Response: 5068521
Conc: 39.32 ug/ml



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

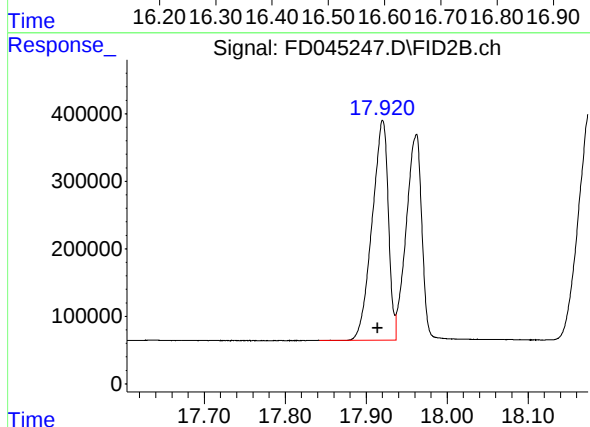
R.T.: 16.220 min
Delta R.T.: 0.005 min
Response: 4781097
Conc: 37.88 ug/ml

Instrument :
FID_D
ClientSampleId :



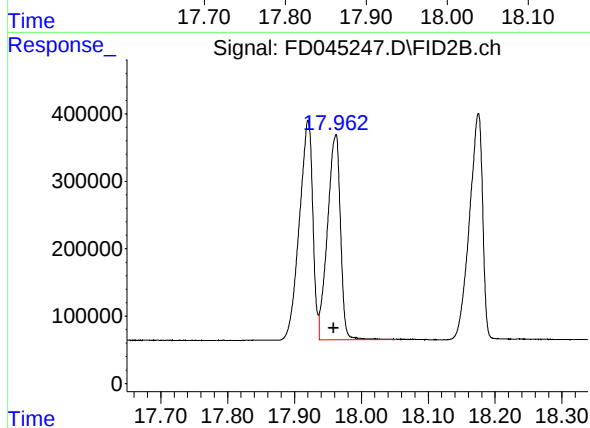
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.003 min
Response: 4462153
Conc: 35.45 ug/ml



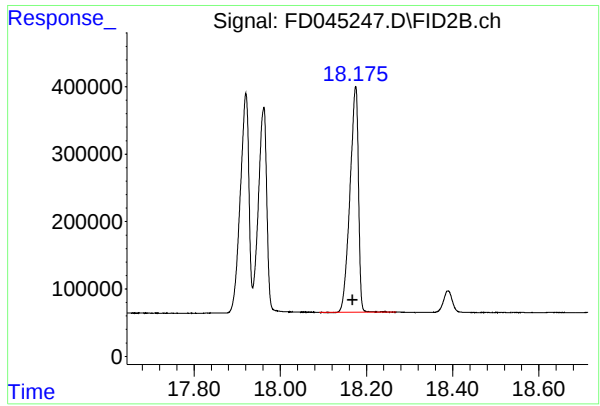
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.920 min
Delta R.T.: 0.006 min
Response: 4535262
Conc: 37.91 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.003 min
Response: 4108593
Conc: 34.06 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.006 min
Response: 4585122
Conc: 36.85 ug/ml

Instrument :

FID_D

ClientSampleId :