

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045378.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2023 20:17
 Operator : YP/AJ
 Sample : 02104-02MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:39:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.550	6599842	48.171 ug/ml
Spiked Amount 50.000		Recovery =	96.34%
6) S 2-Fluorobiphenyl (SURR)	8.406	3950113	44.063 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.13%
11) S ortho-Terphenyl (SURR)	11.445	5065271	29.113 ug/ml
Spiked Amount 50.000		Recovery =	58.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	5206054	33.419 ug/ml
2) T Naphthalene (C11.7)	5.888	5818174	36.203 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	5780484	36.110 ug/ml
5) T Acenaphthylene (C15.06)	8.210	6258086	42.742 ug/ml
7) T Acenaphthene (C15.5)	8.507	6595728	42.524 ug/ml
8) T Fluorene (C16.55)	9.285	6426528	43.338 ug/ml
9) T Phenanthrene (C19.36)	10.676	6576885	45.403 ug/ml
10) T Anthracene (C19.43)	10.751	6424577	46.479 ug/ml
12) T Fluoranthene (C21.85)	12.482	6715432	46.677 ug/ml
13) T Pyrene (C20.8)	12.778	6650691	47.302 ug/ml
14) T Benzo[a]anthracene (C...	14.642	6093981	47.519 ug/ml
15) T Chrysene (C27.41)	14.686	6003504	45.275 ug/ml
16) T benzo[b]fluoranthene ...	16.186	6263552	48.217 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	5878217	46.411 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	5385735	42.836 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	5219240	44.097 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	5262676	44.174 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	5609747	44.911 ug/ml

(f)=RT Delta > 1/2 Window

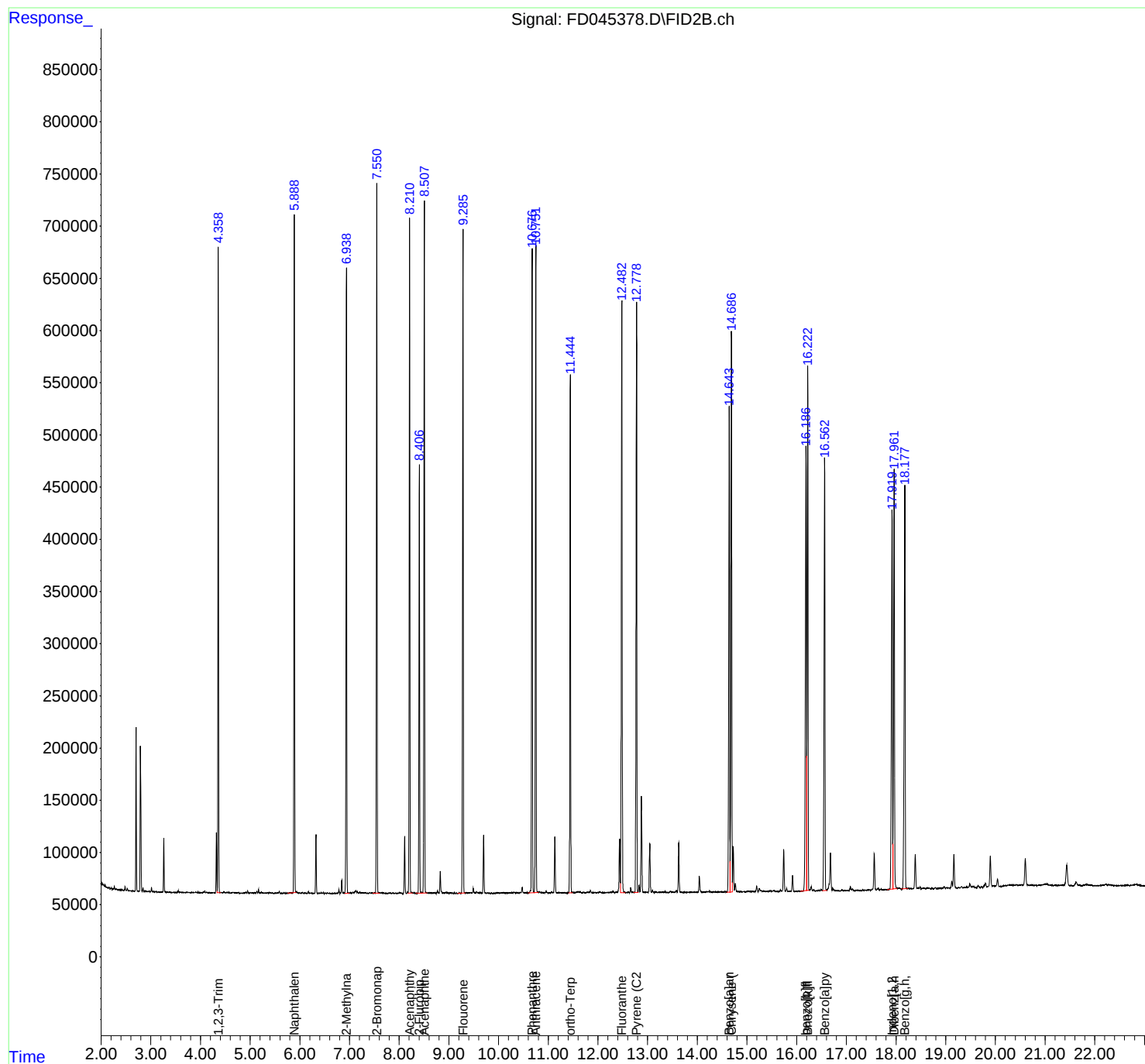
(m)=manual int.

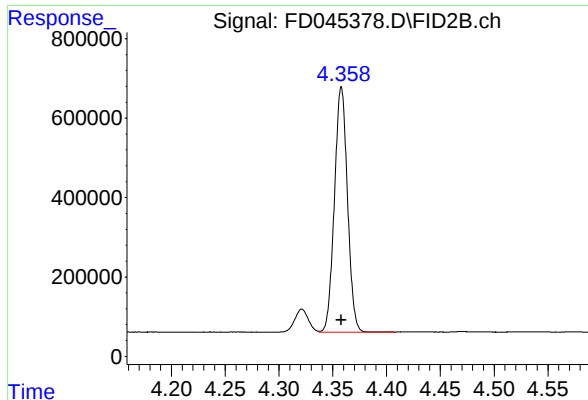
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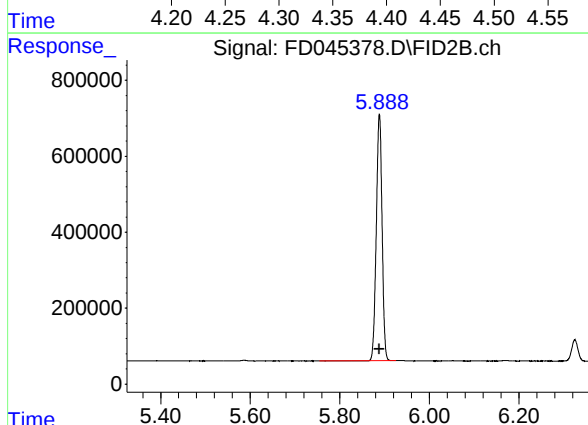




#1 1,2,3-Trimethylbenzene (C10.1)

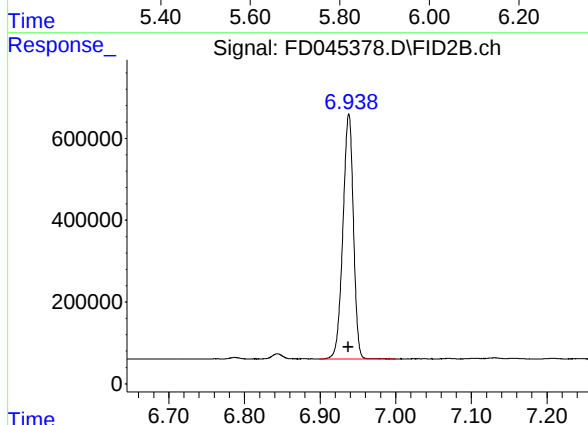
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5206054
Conc: 33.42 ug/ml

Instrument :
FID_D
ClientSampleId :



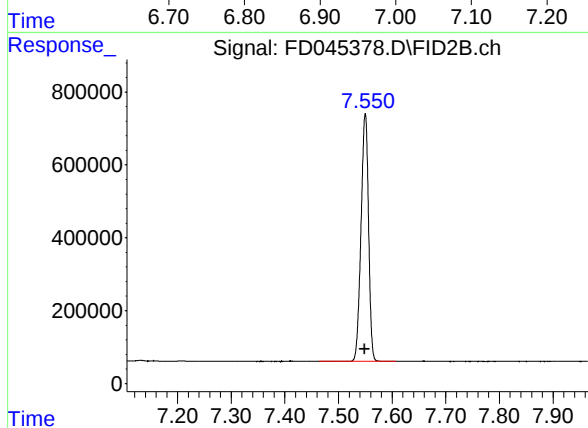
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 5818174
Conc: 36.20 ug/ml



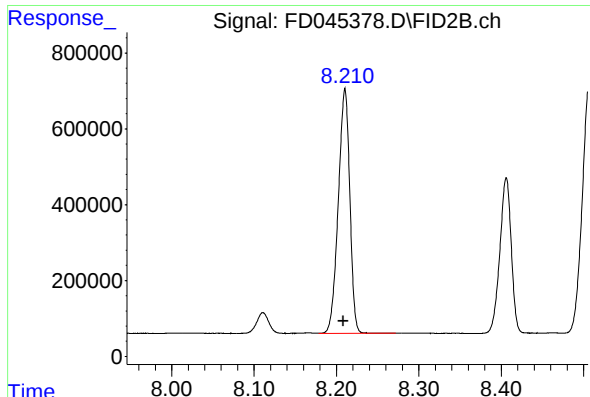
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 5780484
Conc: 36.11 ug/ml



#4 2-Bromonaphthalene (SURR)

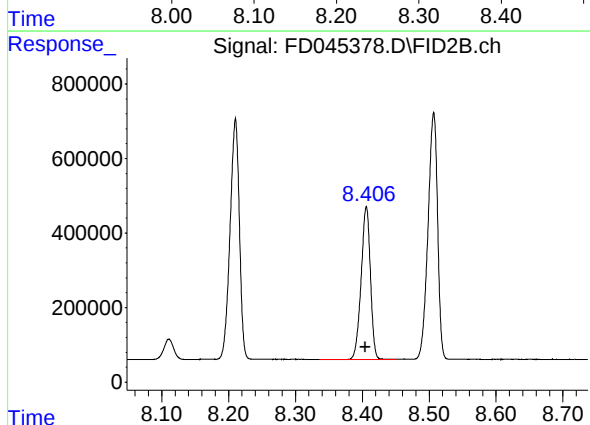
R.T.: 7.550 min
Delta R.T.: 0.001 min
Response: 6599842
Conc: 48.17 ug/ml



#5 Acenaphthylene (C15.06)

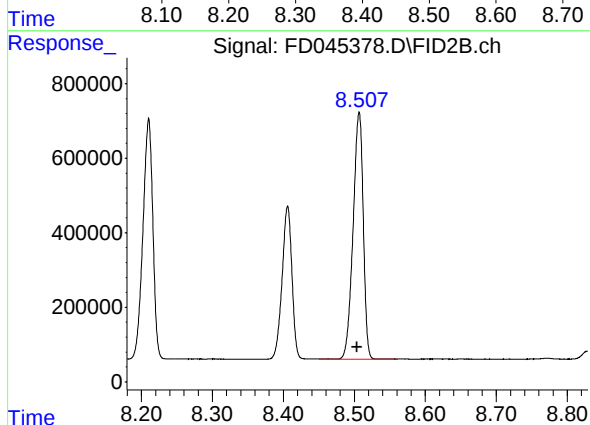
R.T.: 8.210 min
Delta R.T.: 0.002 min
Response: 6258086
Conc: 42.74 ug/ml

Instrument :
FID_D
ClientSampleId :



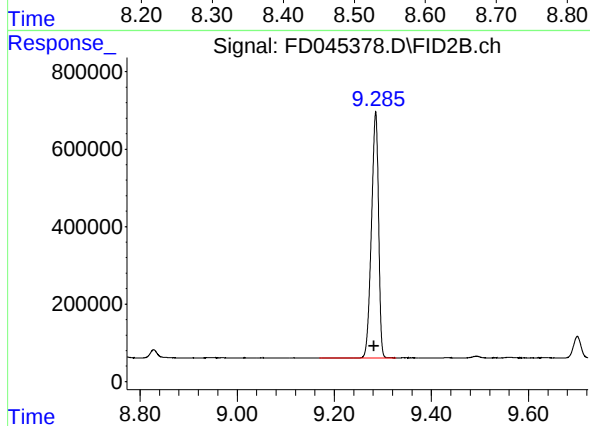
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: 0.002 min
Response: 3950113
Conc: 44.06 ug/ml



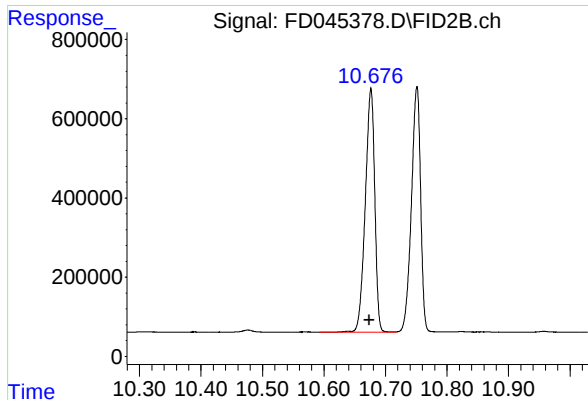
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.003 min
Response: 6595728
Conc: 42.52 ug/ml



#8 Flouorene (C16.55)

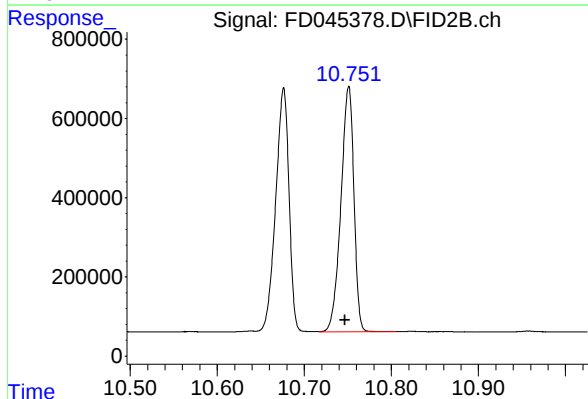
R.T.: 9.285 min
Delta R.T.: 0.003 min
Response: 6426528
Conc: 43.34 ug/ml



#9 Phenanthrene (C19.36)

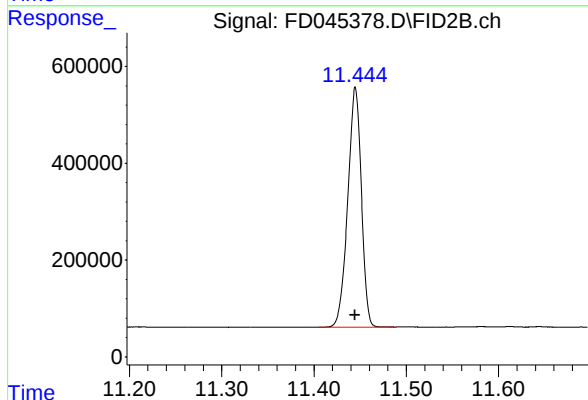
R.T.: 10.676 min
Delta R.T.: 0.003 min
Response: 6576885
Conc: 45.40 ug/ml

Instrument :
FID_D
ClientSampleId :



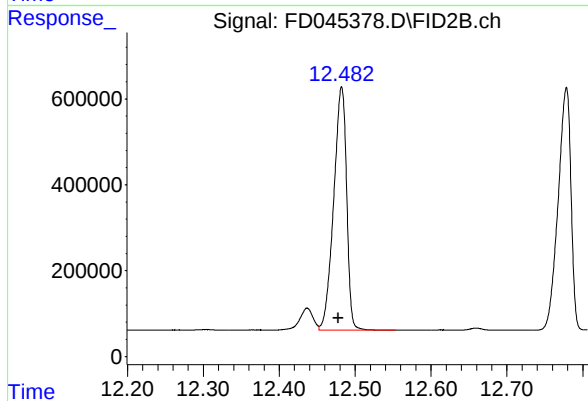
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.004 min
Response: 6424577
Conc: 46.48 ug/ml



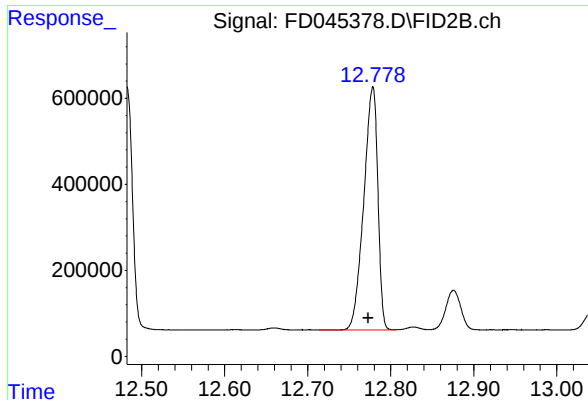
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 5065271
Conc: 29.11 ug/ml



#12 Fluoranthene (C21.85)

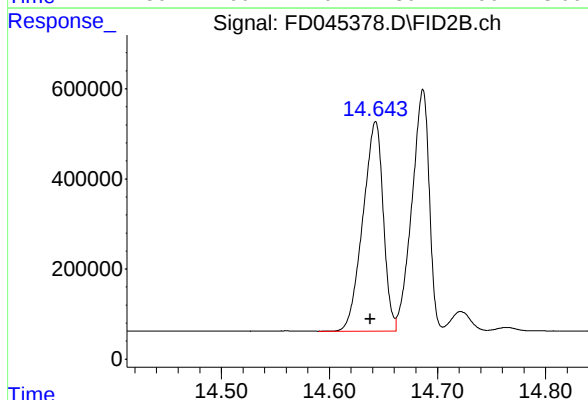
R.T.: 12.482 min
Delta R.T.: 0.004 min
Response: 6715432
Conc: 46.68 ug/ml



#13 Pyrene (C20.8)

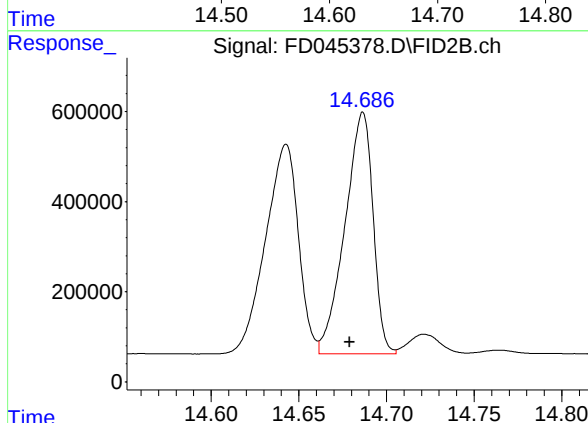
R.T.: 12.778 min
Delta R.T.: 0.005 min
Response: 6650691
Conc: 47.30 ug/ml

Instrument :
FID_D
ClientSampleId :



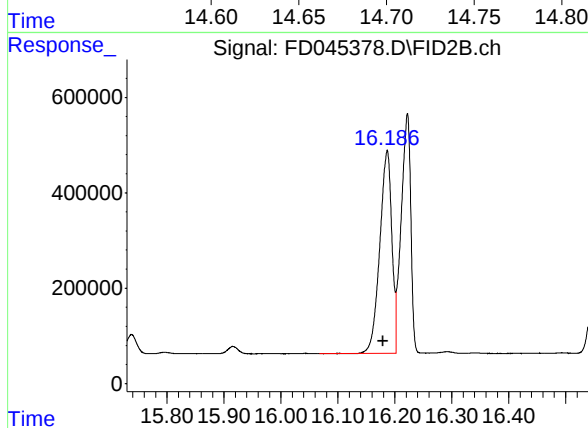
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.004 min
Response: 6093981
Conc: 47.52 ug/ml



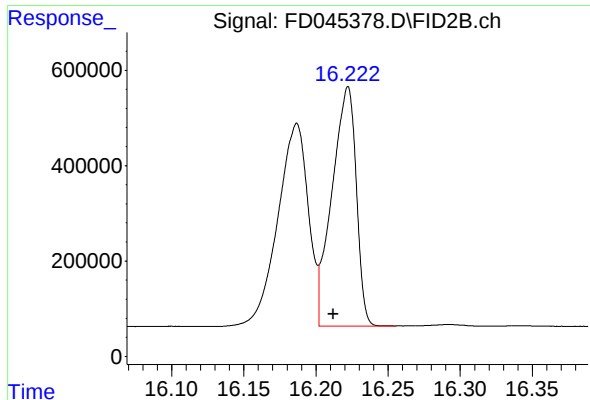
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.007 min
Response: 6003504
Conc: 45.27 ug/ml



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

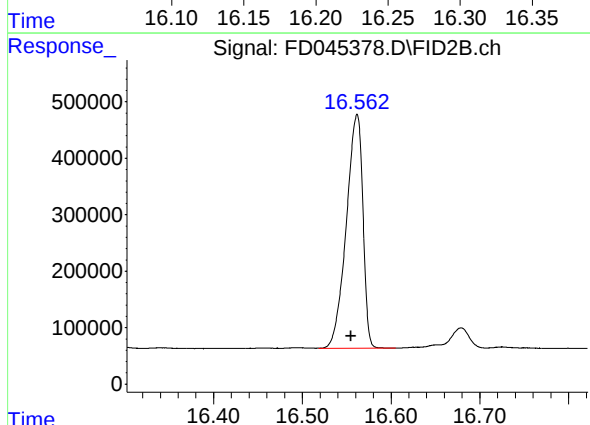
R.T.: 16.186 min
Delta R.T.: 0.007 min
Response: 6263552
Conc: 48.22 ug/ml



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

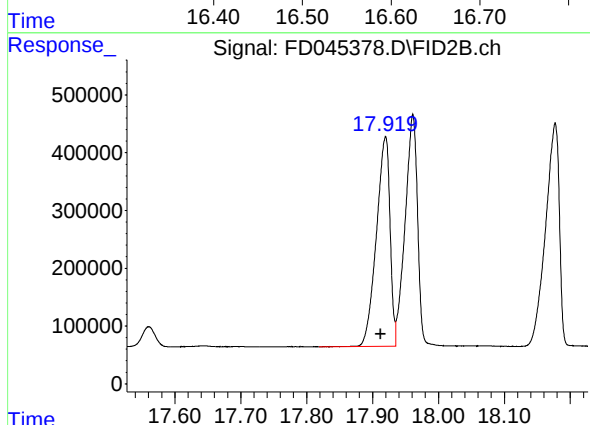
R.T.: 16.222 min
Delta R.T.: 0.010 min
Response: 5878217
Conc: 46.41 ug/ml

Instrument :
FID_D
ClientSampleId :



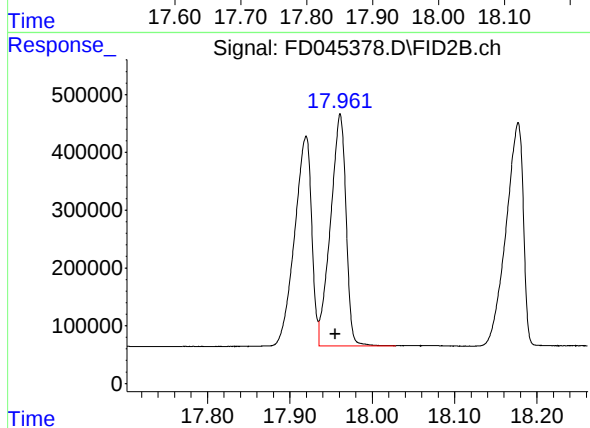
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.006 min
Response: 5385735
Conc: 42.84 ug/ml



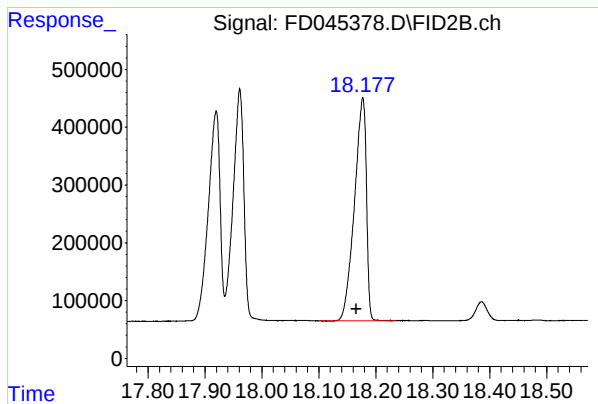
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.007 min
Response: 5219240
Conc: 44.10 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.006 min
Response: 5262676
Conc: 44.17 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.011 min
Response: 5609747
Conc: 44.91 ug/ml

Instrument :

FID_D

ClientSampleId :