

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045379.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2023 20:59
 Operator : YP/AJ
 Sample : 02104-02MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:39:48 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	6629538	48.388 ug/ml
Spiked Amount 50.000		Recovery =	96.78%
6) S 2-Fluorobiphenyl (SURR)	8.406	3972550	44.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.63%
11) S ortho-Terphenyl (SURR)	11.444	5082289	29.211 ug/ml
Spiked Amount 50.000		Recovery =	58.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	5224606	33.538 ug/ml
2) T Naphthalene (C11.7)	5.888	5852141	36.415 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	5798867	36.225 ug/ml
5) T Acenaphthylene (C15.06)	8.210	6281583	42.903 ug/ml
7) T Acenaphthene (C15.5)	8.506	6610972	42.622 ug/ml
8) T Fluorene (C16.55)	9.285	6453740	43.522 ug/ml
9) T Phenanthrene (C19.36)	10.676	6625294	45.737 ug/ml
10) T Anthracene (C19.43)	10.750	6481409	46.890 ug/ml
12) T Fluoranthene (C21.85)	12.482	6755589	46.956 ug/ml
13) T Pyrene (C20.8)	12.777	6683541	47.536 ug/ml
14) T Benzo[a]anthracene (C...	14.641	6169236	48.106 ug/ml
15) T Chrysene (C27.41)	14.685	6070372	45.779 ug/ml
16) T benzo[b]fluoranthene ...	16.186	6351240	48.892 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	5926224	46.791 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	5458791	43.417 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.920	5389947	45.539 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	5484339	46.034 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	5737333	45.932 ug/ml

(f)=RT Delta > 1/2 Window

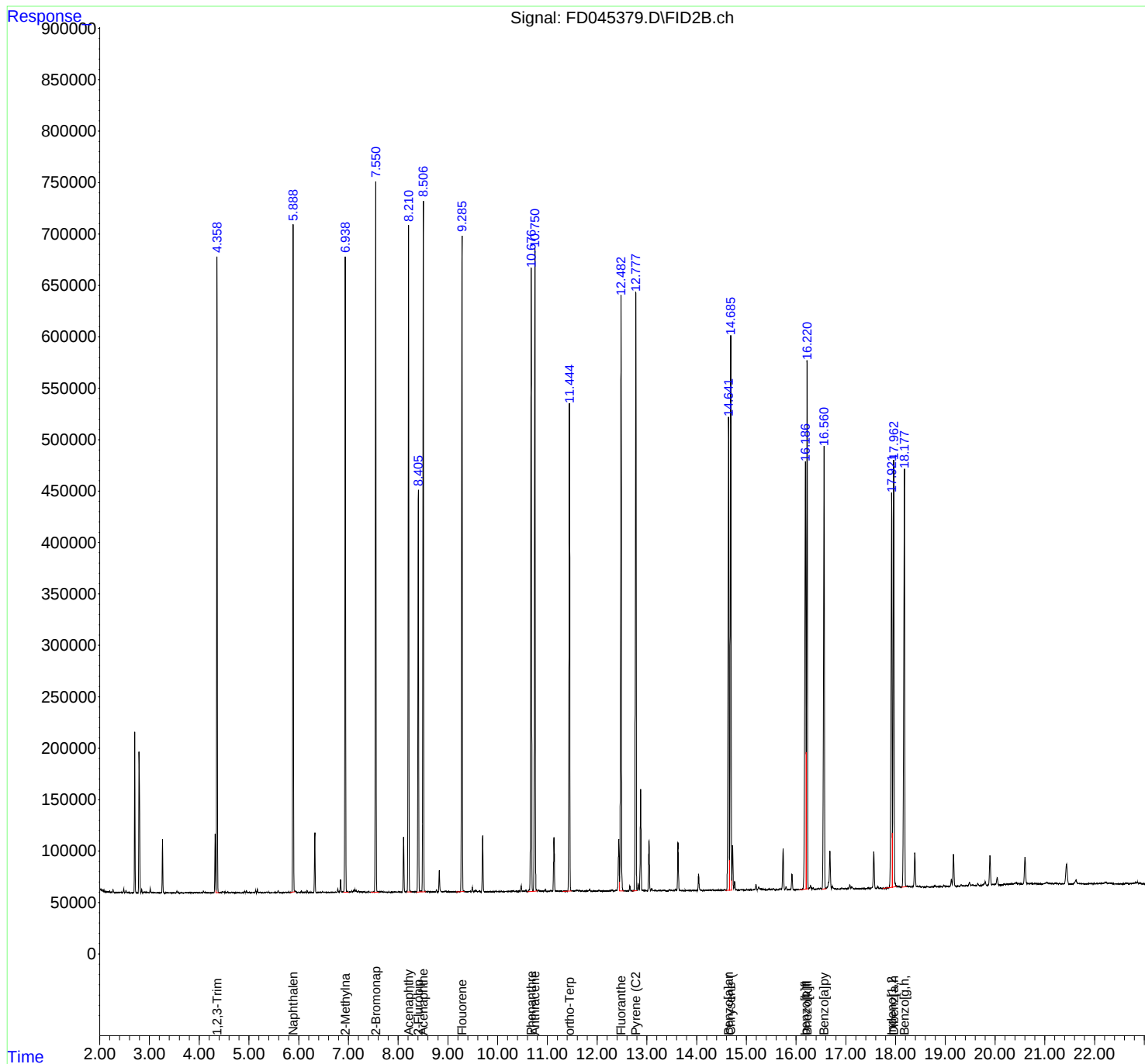
(m)=manual int.

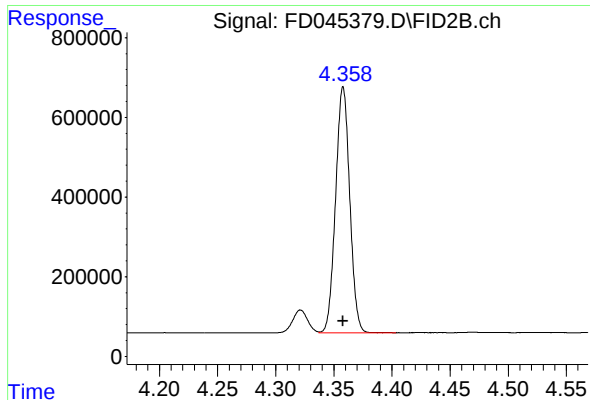
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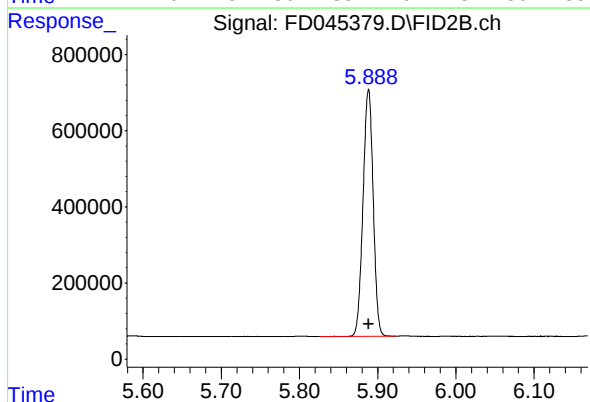




#1 1,2,3-Trimethylbenzene (C10.1)

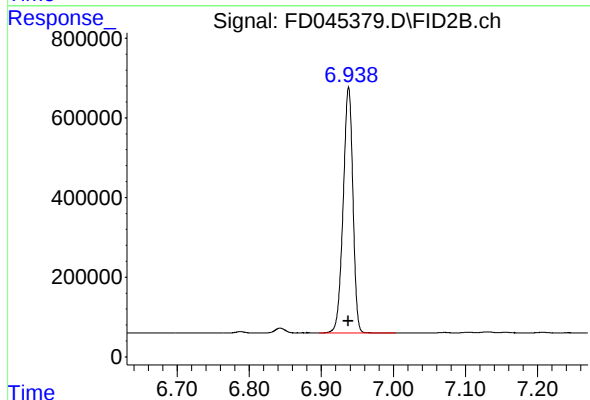
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5224606
Conc: 33.54 ug/ml

Instrument :
FID_D
ClientSampleId :



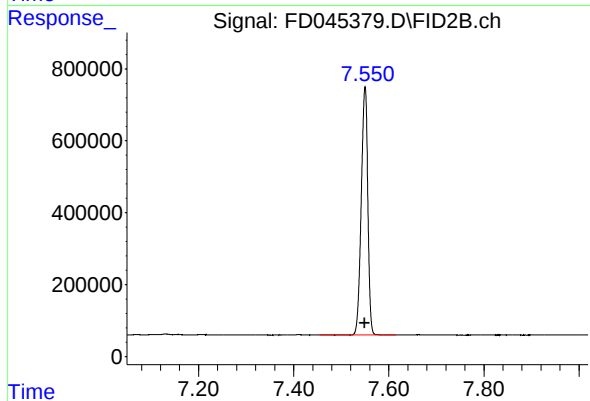
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 5852141
Conc: 36.41 ug/ml



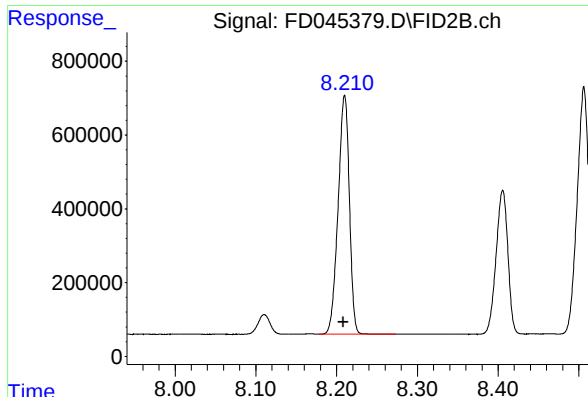
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 5798867
Conc: 36.22 ug/ml



#4 2-Bromonaphthalene (SURR)

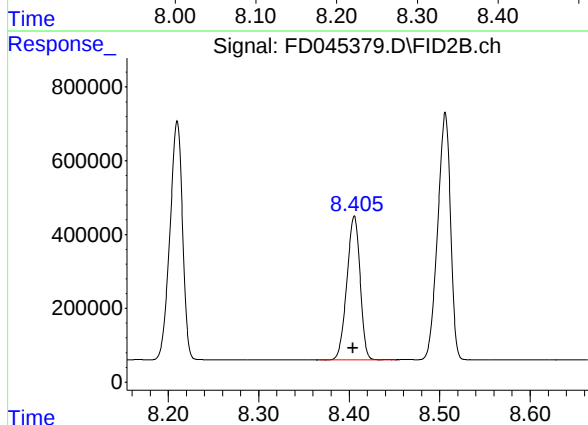
R.T.: 7.550 min
Delta R.T.: 0.001 min
Response: 6629538
Conc: 48.39 ug/ml



#5 Acenaphthylene (C15.06)

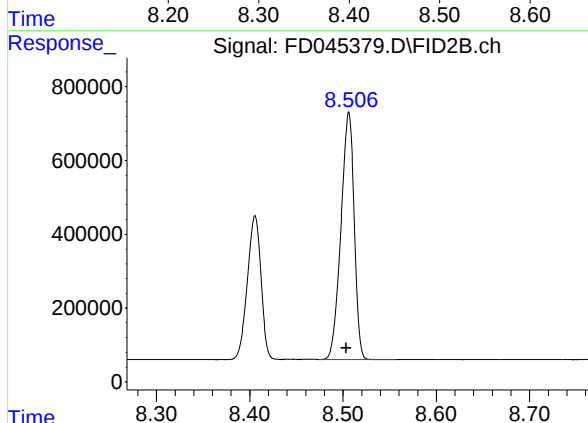
R.T.: 8.210 min
Delta R.T.: 0.001 min
Response: 6281583
Conc: 42.90 ug/ml

Instrument :
FID_D
ClientSampleId :



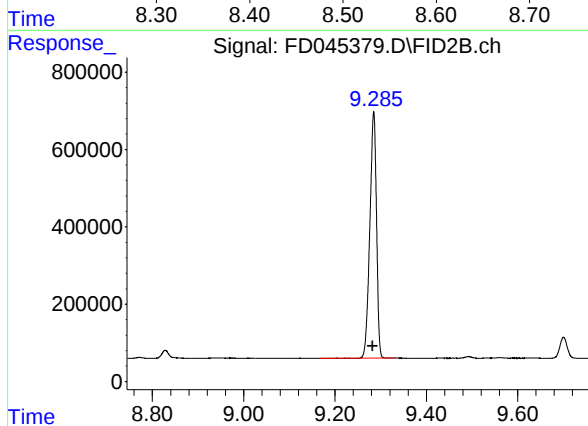
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: 0.001 min
Response: 3972550
Conc: 44.31 ug/ml



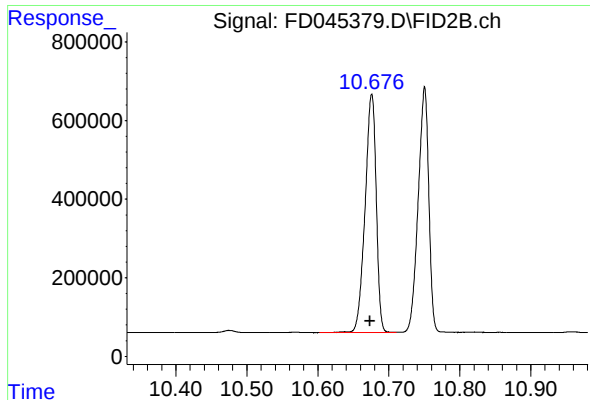
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: 0.002 min
Response: 6610972
Conc: 42.62 ug/ml



#8 Flouorene (C16.55)

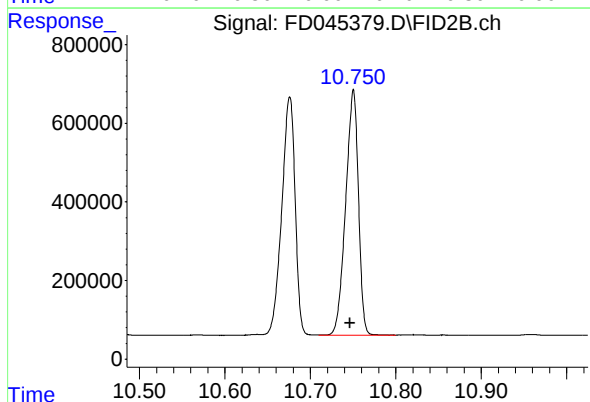
R.T.: 9.285 min
Delta R.T.: 0.003 min
Response: 6453740
Conc: 43.52 ug/ml



#9 Phenanthrene (C19.36)

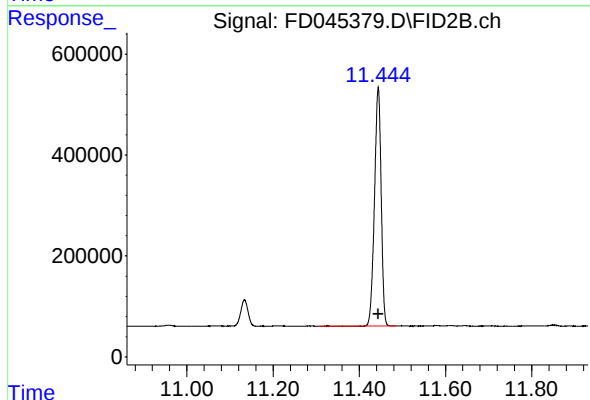
R.T.: 10.676 min
Delta R.T.: 0.002 min
Response: 6625294
Conc: 45.74 ug/ml

Instrument :
FID_D
ClientSampleId :



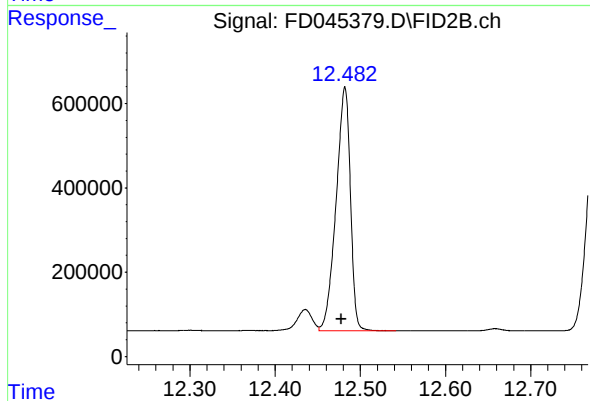
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.003 min
Response: 6481409
Conc: 46.89 ug/ml



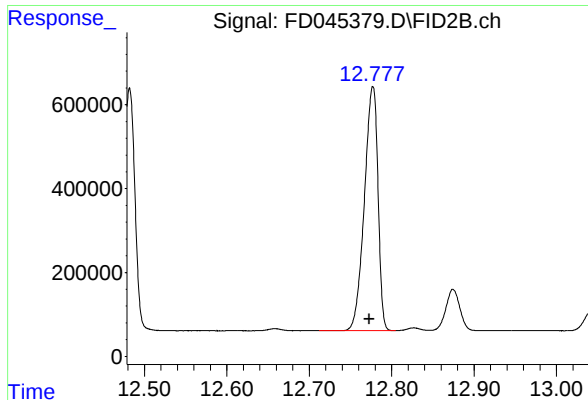
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 5082289
Conc: 29.21 ug/ml



#12 Fluoranthene (C21.85)

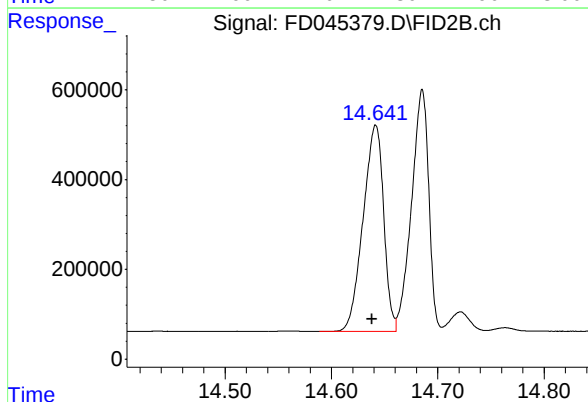
R.T.: 12.482 min
Delta R.T.: 0.004 min
Response: 6755589
Conc: 46.96 ug/ml



#13 Pyrene (C20.8)

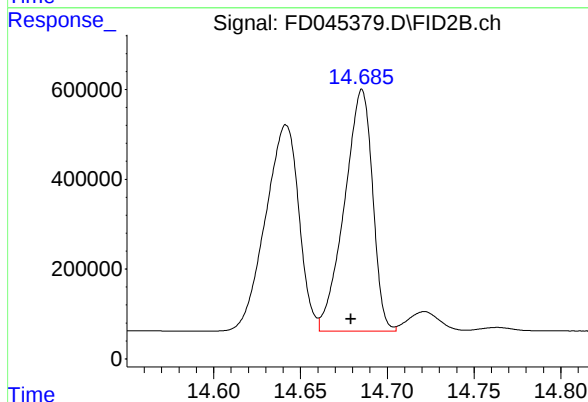
R.T.: 12.777 min
Delta R.T.: 0.004 min
Response: 6683541
Conc: 47.54 ug/ml

Instrument :
FID_D
ClientSampleId :



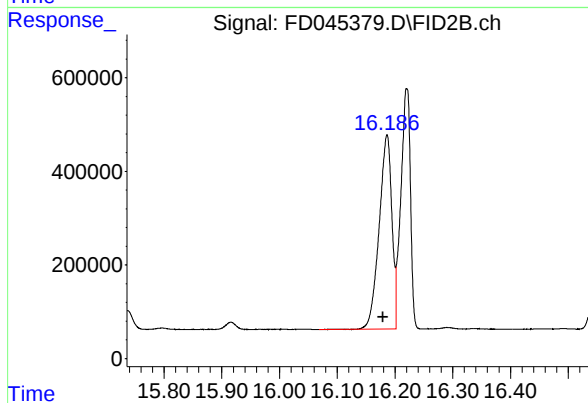
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.003 min
Response: 6169236
Conc: 48.11 ug/ml



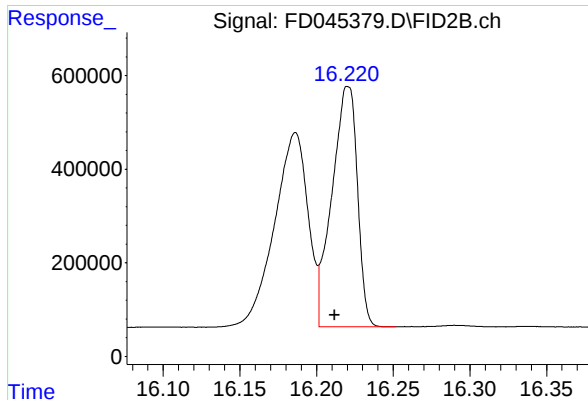
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: 0.006 min
Response: 6070372
Conc: 45.78 ug/ml



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

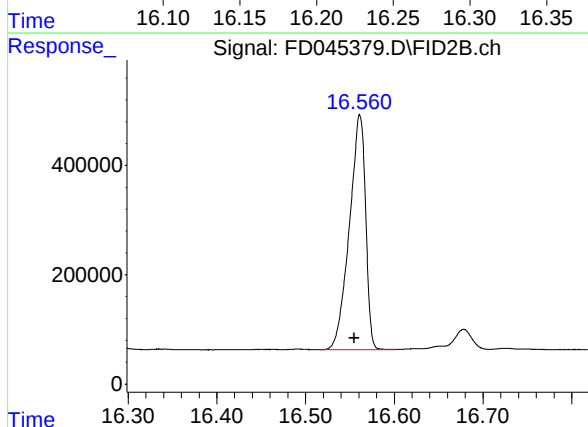
R.T.: 16.186 min
Delta R.T.: 0.006 min
Response: 6351240
Conc: 48.89 ug/ml



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

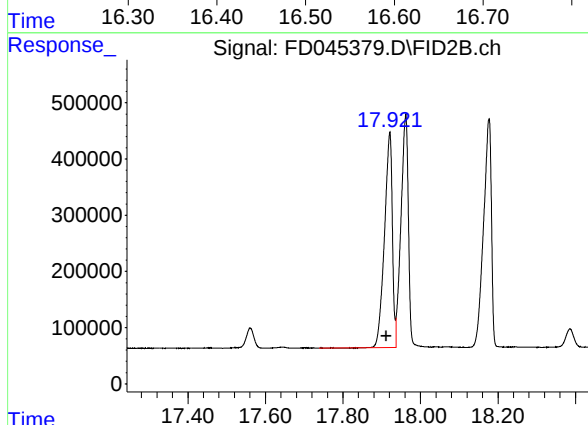
R.T.: 16.220 min
Delta R.T.: 0.008 min
Response: 5926224
Conc: 46.79 ug/ml

Instrument :
FID_D
ClientSampleId :



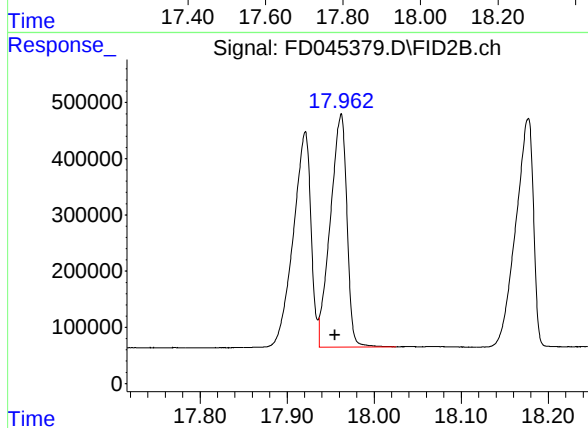
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.006 min
Response: 5458791
Conc: 43.42 ug/ml



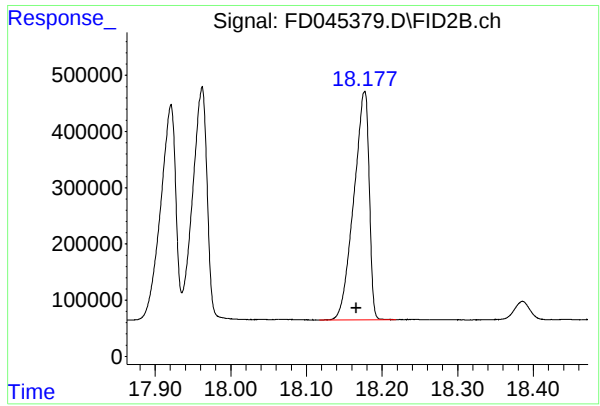
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.920 min
Delta R.T.: 0.008 min
Response: 5389947
Conc: 45.54 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.006 min
Response: 5484339
Conc: 46.03 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.011 min
Response: 5737333
Conc: 45.93 ug/ml

Instrument :

FID_D

ClientSampleId :