

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045265.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 09:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 10:09:24 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	2890619	21.300 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
6) S 2-Fluorobiphenyl (SURR)	8.408	1903491	21.260 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.52%
11) S ortho-Terphenyl (SURR)	11.448	3595934	21.603 ug/ml
Spiked Amount 50.000		Recovery =	43.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3234060	21.354 ug/ml
2) T Naphthalene (C11.7)	5.891	3351026	21.212 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3346685	21.059 ug/ml
5) T Acenaphthylene (C15.06)	8.212	3020730	21.067 ug/ml
7) T Acenaphthene (C15.5)	8.507	3237308	21.359 ug/ml
8) T Flouorene (C16.55)	9.286	3130348	21.262 ug/ml
9) T Phenanthrene (C19.36)	10.677	3046029	21.334 ug/ml
10) T Anthracene (C19.43)	10.751	2707725	19.323 ug/ml
12) T Fluoranthene (C21.85)	12.483	2976734	21.310 ug/ml
13) T Pyrene (C20.8)	12.777	2910812	21.375 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2687474	21.083 ug/ml
15) T Chrysene (C27.41)	14.685	2782594	21.351 ug/ml
16) T benzo[b]fluoranthene ...	16.186	2767980	21.471 ug/ml
17) T Bnezo[k]fluoranthene ...	16.219	2714239	21.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	2678643	21.283 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	2631166	21.994 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	2682263	22.237 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	2713071	21.805 ug/ml

(f)=RT Delta > 1/2 Window

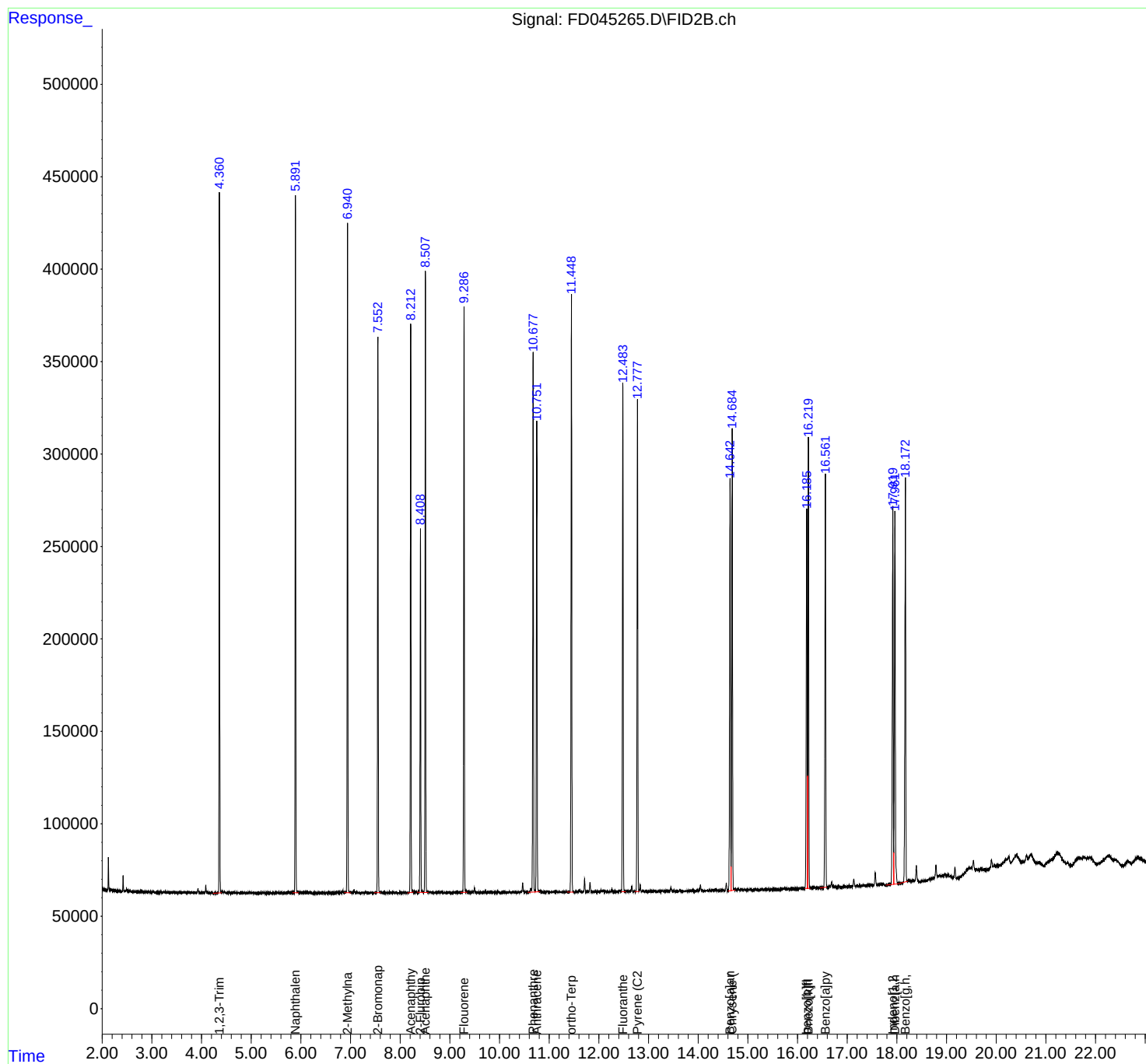
(m)=manual int.

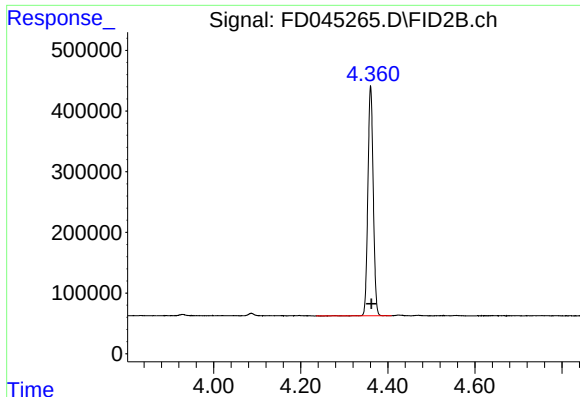
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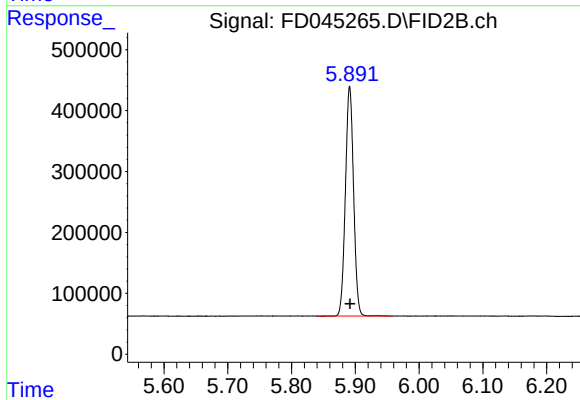




#1 1,2,3-Trimethylbenzene (C10.1)

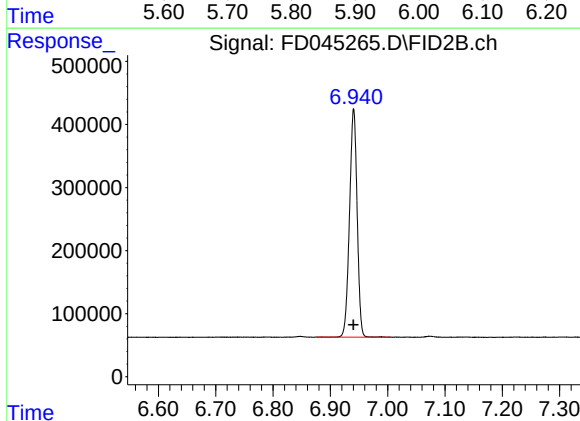
R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 3234060
Conc: 21.35 ug/ml

Instrument :
FID_D
ClientSampleId :



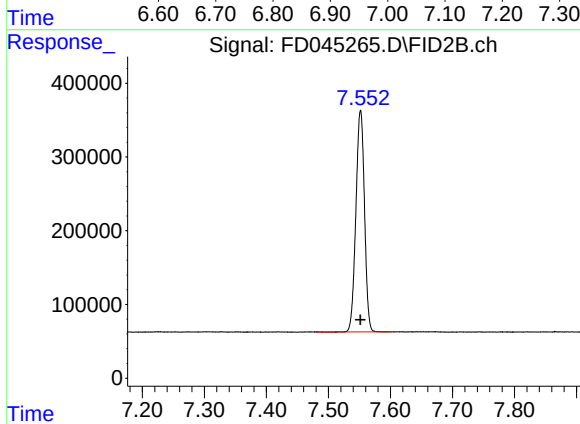
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 3351026
Conc: 21.21 ug/ml



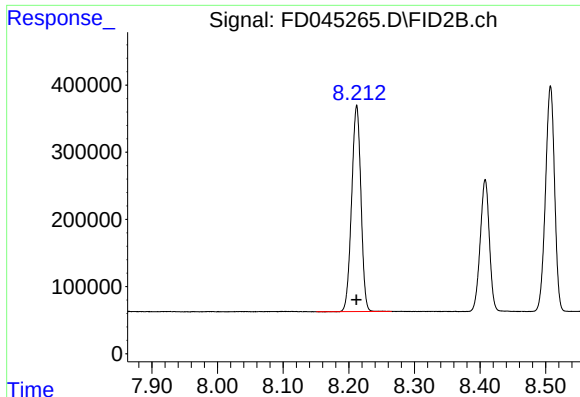
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 3346685
Conc: 21.06 ug/ml



#4 2-Bromonaphthalene (SURR)

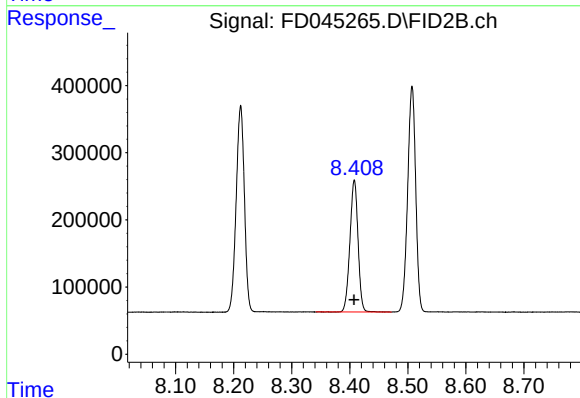
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2890619
Conc: 21.30 ug/ml



#5 Acenaphthylene (C15.06)

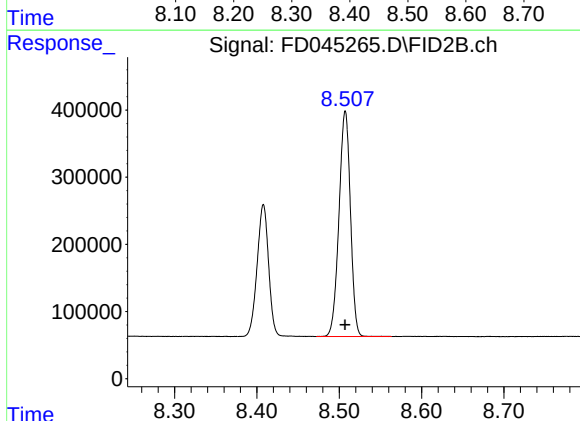
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 3020730
Conc: 21.07 ug/ml

Instrument :
FID_D
ClientSampleId :



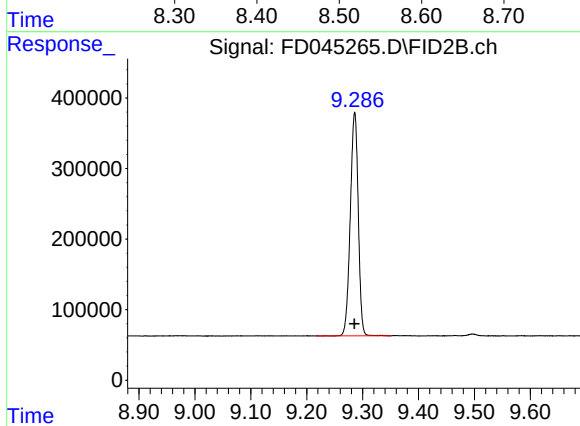
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1903491
Conc: 21.26 ug/ml



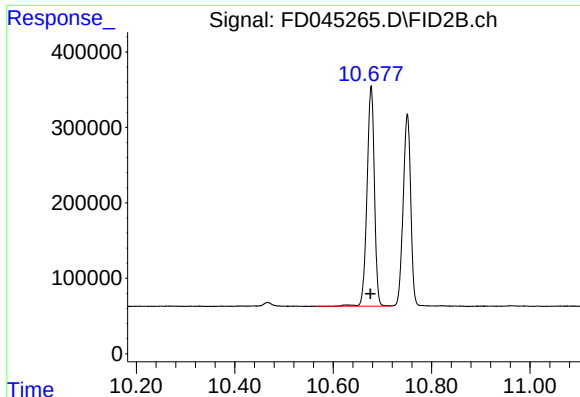
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3237308
Conc: 21.36 ug/ml



#8 Fluorene (C16.55)

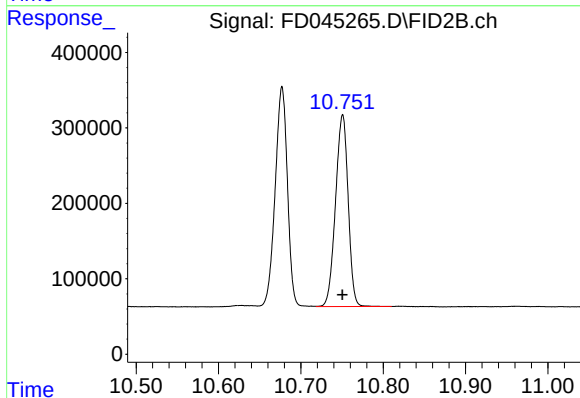
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 3130348
Conc: 21.26 ug/ml



#9 Phenanthrene (C19.36)

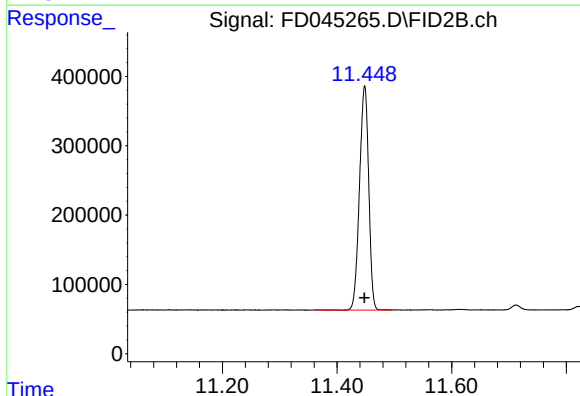
R.T.: 10.677 min
Delta R.T.: 0.001 min
Response: 3046029
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :



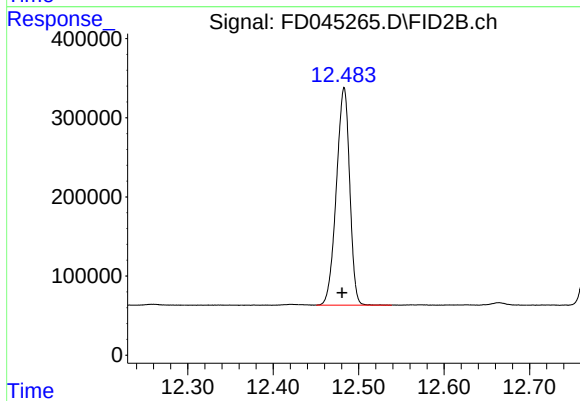
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 2707725
Conc: 19.32 ug/ml



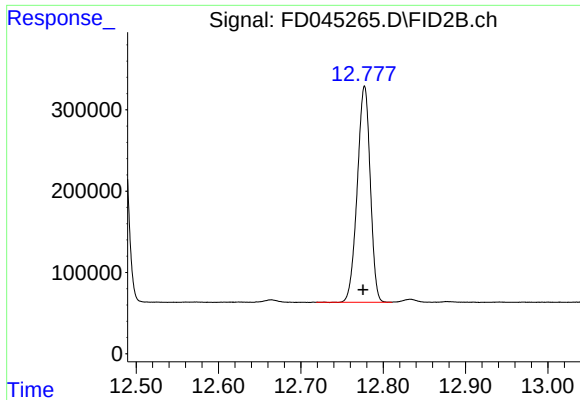
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3595934
Conc: 21.60 ug/ml



#12 Fluoranthene (C21.85)

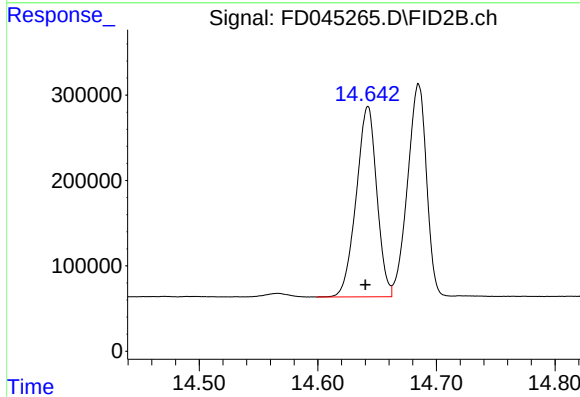
R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 2976734
Conc: 21.31 ug/ml



#13 Pyrene (C20.8)

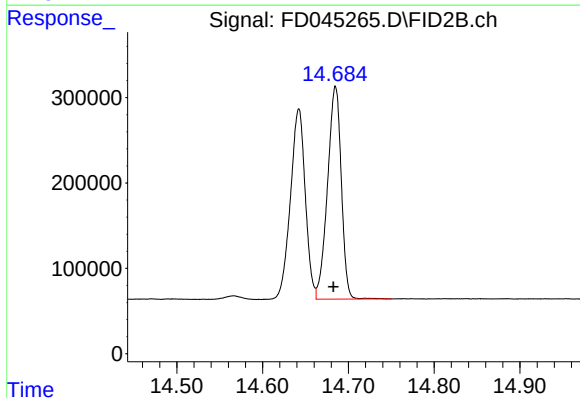
R.T.: 12.777 min
Delta R.T.: 0.002 min
Response: 2910812
Conc: 21.38 ug/ml

Instrument :
FID_D
ClientSampleId :



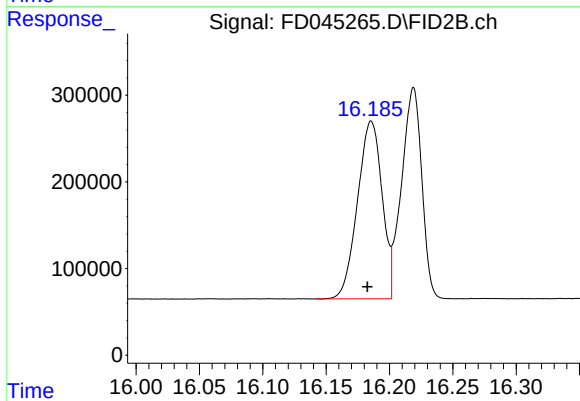
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.002 min
Response: 2687474
Conc: 21.08 ug/ml



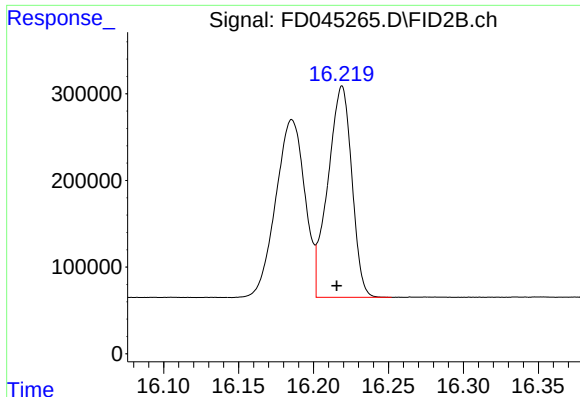
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: 0.002 min
Response: 2782594
Conc: 21.35 ug/ml



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

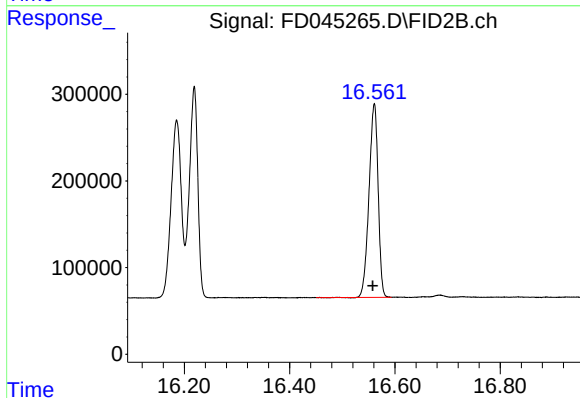
R.T.: 16.186 min
Delta R.T.: 0.003 min
Response: 2767980
Conc: 21.47 ug/ml



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

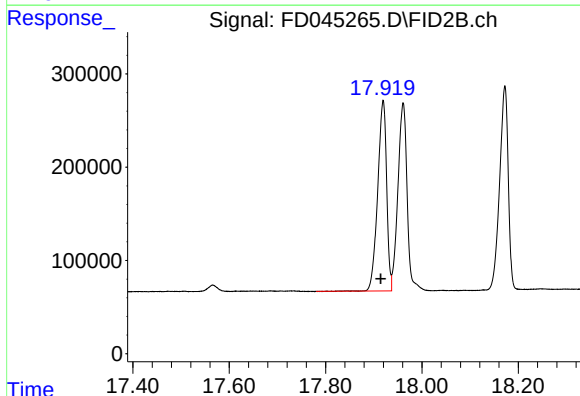
R.T.: 16.219 min
Delta R.T.: 0.003 min
Response: 2714239
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :



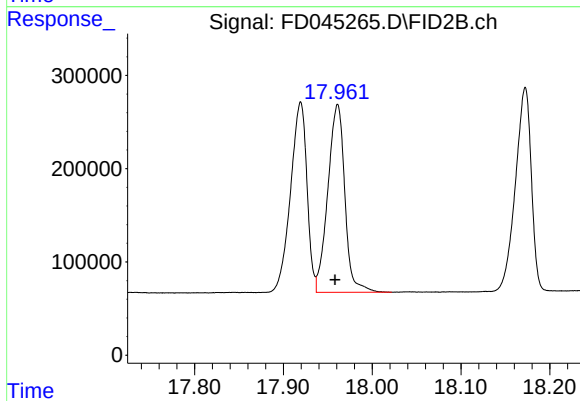
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.003 min
Response: 2678643
Conc: 21.28 ug/ml



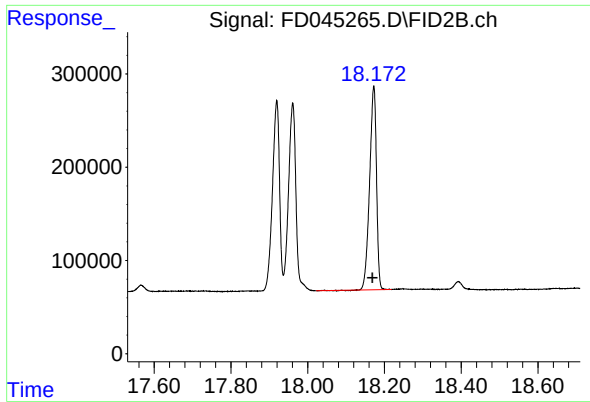
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.005 min
Response: 2631166
Conc: 21.99 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.002 min
Response: 2682263
Conc: 22.24 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.004 min
Response: 2713071
Conc: 21.81 ug/ml

Instrument :

FID_D

ClientSampleId :