

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102722AR\
 Data File : FD044284.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 15:10
 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: Oct 28 07:15:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.412	2563873	20.650 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
6) S 2-Fluorobiphenyl (SURR)	8.271	1521807	20.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.294	3566208	21.069 ug/ml
Spiked Amount 50.000		Recovery =	42.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	3026847	21.444 ug/ml
2) T Naphthalene (C11.7)	5.753	2966955	21.642 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	3008178	21.220 ug/ml
5) T Acenaphthylene (C15.06)	8.068	2839449	20.241 ug/ml
7) T Acenaphthene (C15.5)	8.359	3319734	21.348 ug/ml
8) T Flouorene (C16.55)	9.141	2942745	20.918 ug/ml
9) T Phenanthrene (C19.36)	10.533	2822375	20.957 ug/ml
10) T Anthracene (C19.43)	10.610	2416733	17.986 ug/ml
12) T Fluoranthene (C21.85)	12.338	2857569	21.397 ug/ml
13) T Pyrene (C20.8)	12.631	2576191	20.396 ug/ml
14) T Benzo[a]anthracene (C...	14.502	2285058	21.513 ug/ml
15) T Chrysene (C27.41)	14.544	2991383	22.820 ug/ml
16) T benzo[b]fluoranthene ...	16.048	2511263	22.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	2885636	22.681 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	2140750	18.423 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2316243	21.727 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	2719901	21.985 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	2569868	21.890 ug/ml

(f)=RT Delta > 1/2 Window

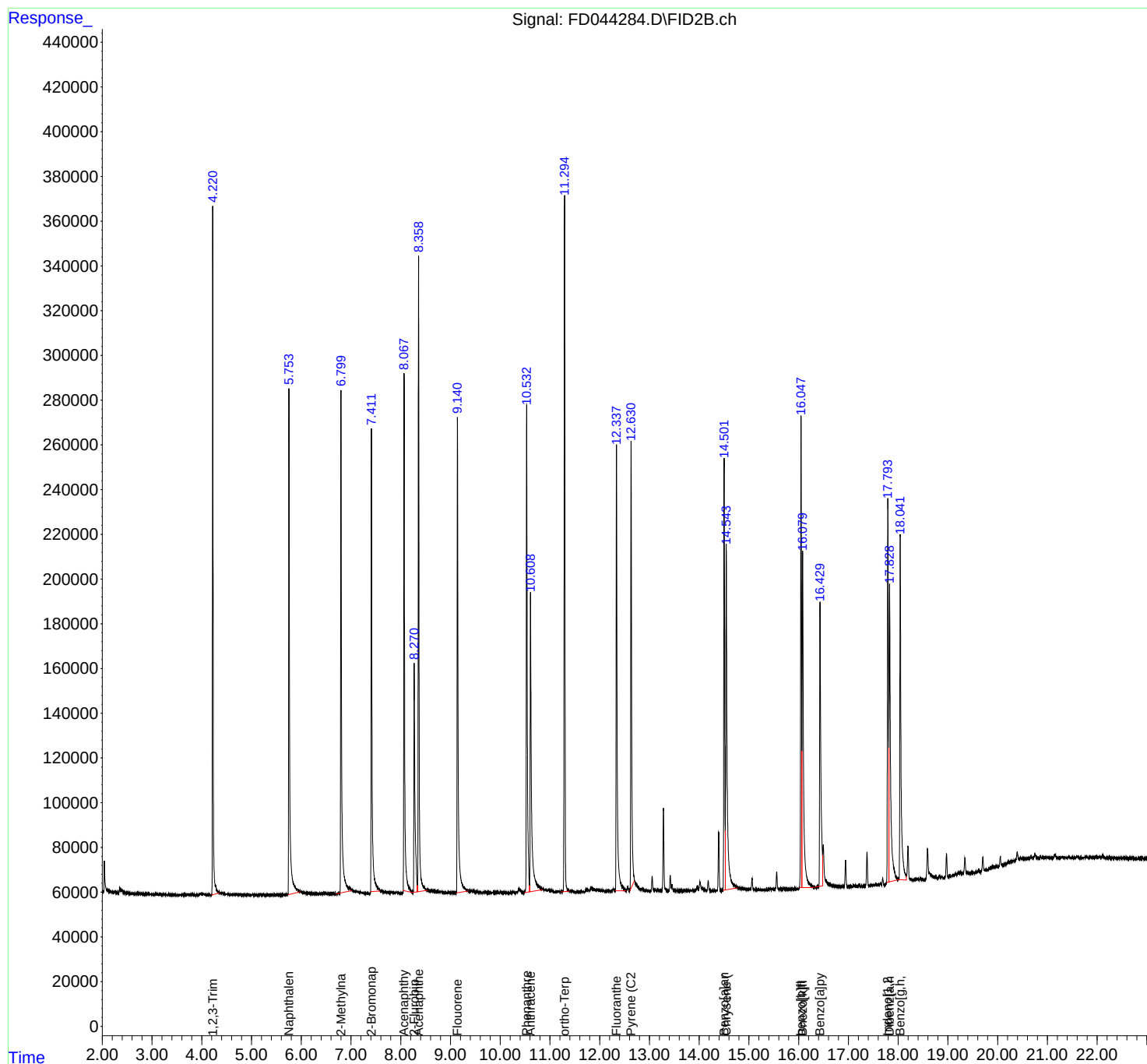
(m)=manual int.

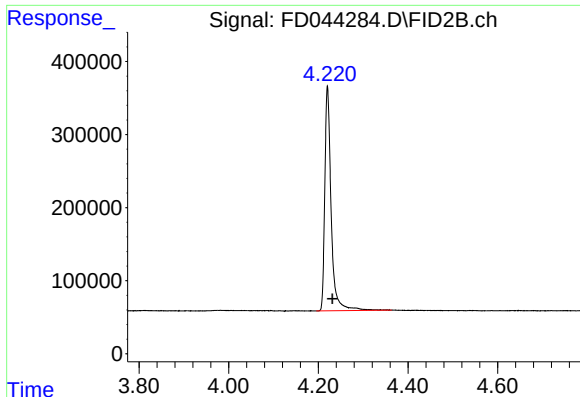
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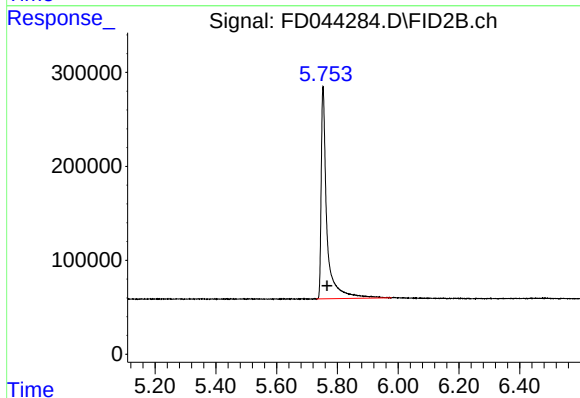




#1 1,2,3-Trimethylbenzene (C10.1)

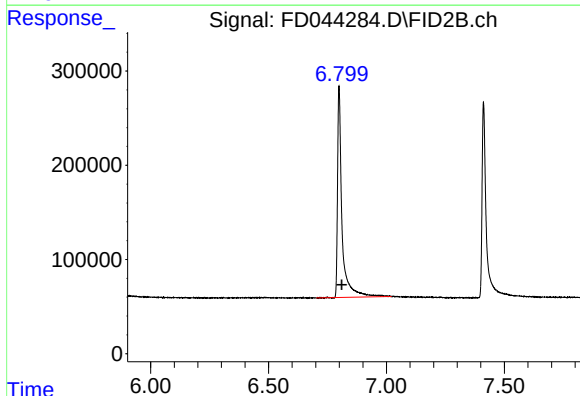
R.T.: 4.221 min
Delta R.T.: -0.010 min
Response: 3026847
Conc: 21.44 ug/ml

Instrument :
FID_D
ClientSampleId :



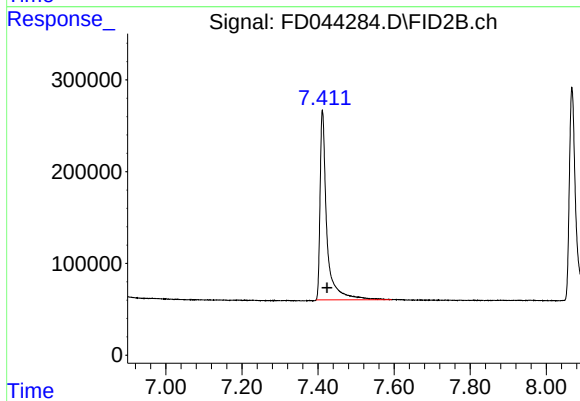
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.012 min
Response: 2966955
Conc: 21.64 ug/ml



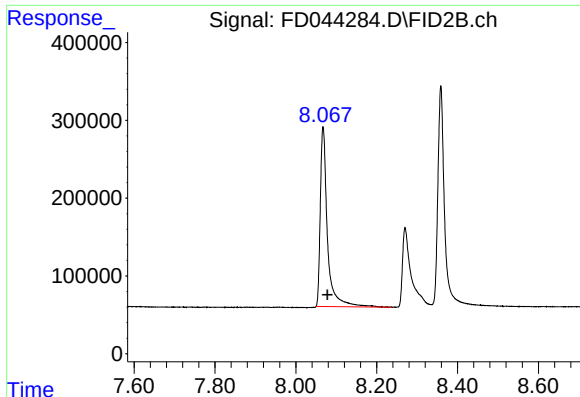
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.012 min
Response: 3008178
Conc: 21.22 ug/ml



#4 2-Bromonaphthalene (SURR)

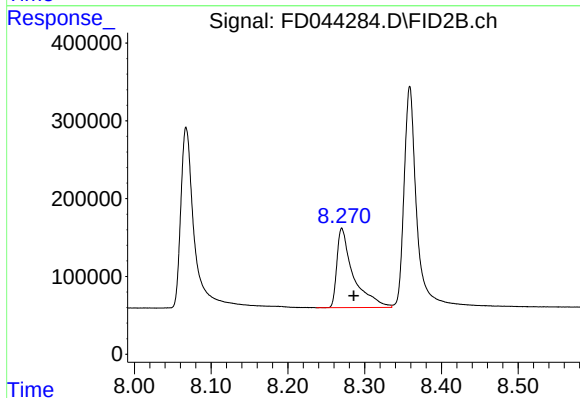
R.T.: 7.412 min
Delta R.T.: -0.011 min
Response: 2563873
Conc: 20.65 ug/ml



#5 Acenaphthylene (C15.06)

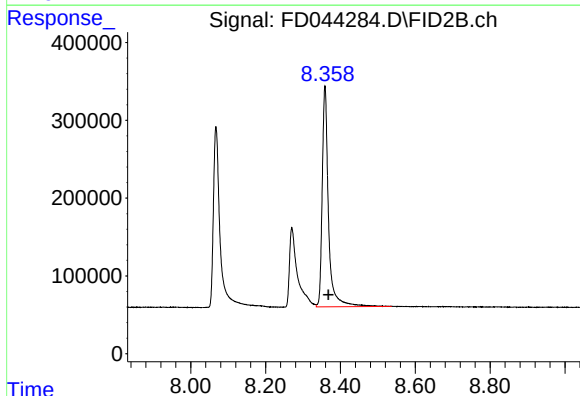
R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 2839449
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :



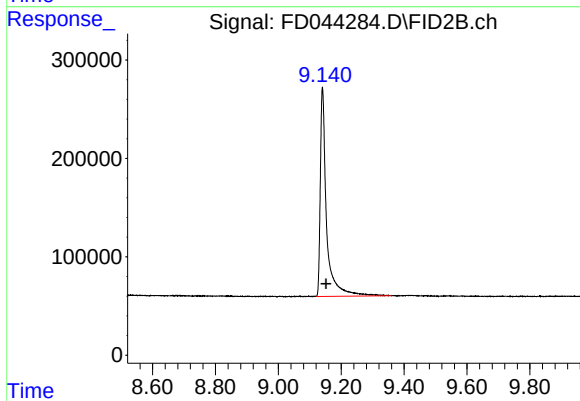
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 1521807
Conc: 20.21 ug/ml



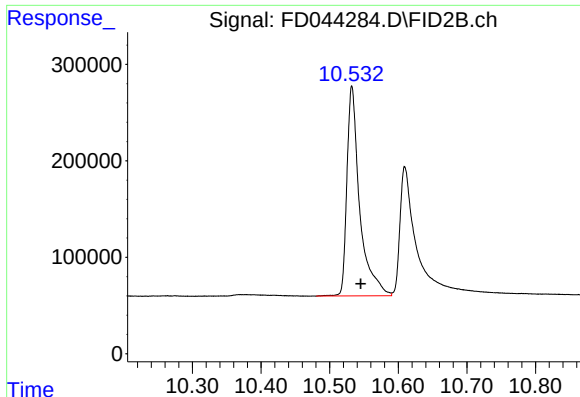
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 3319734
Conc: 21.35 ug/ml



#8 Fluorene (C16.55)

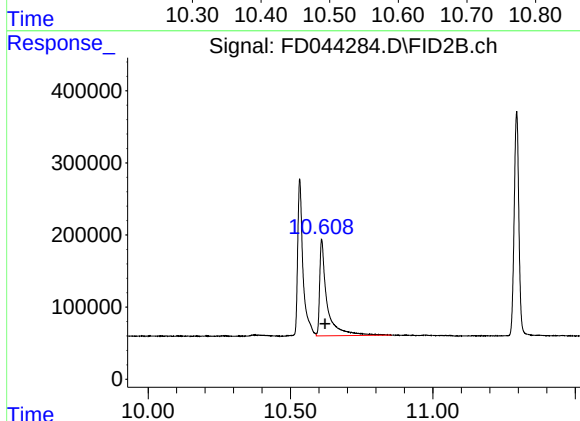
R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 2942745
Conc: 20.92 ug/ml



#9 Phenanthrene (C19.36)

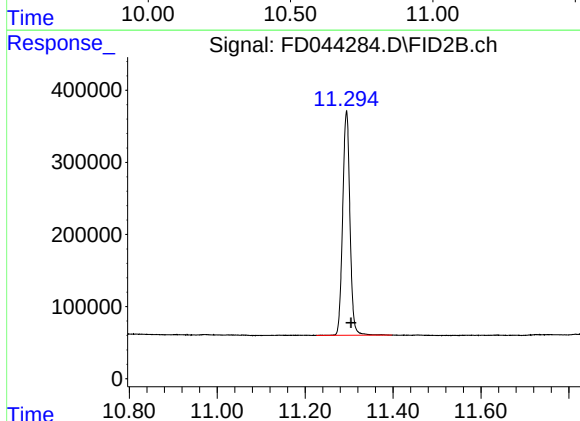
R.T.: 10.533 min
Delta R.T.: -0.013 min
Response: 2822375
Conc: 20.96 ug/ml

Instrument :
FID_D
ClientSampleId :



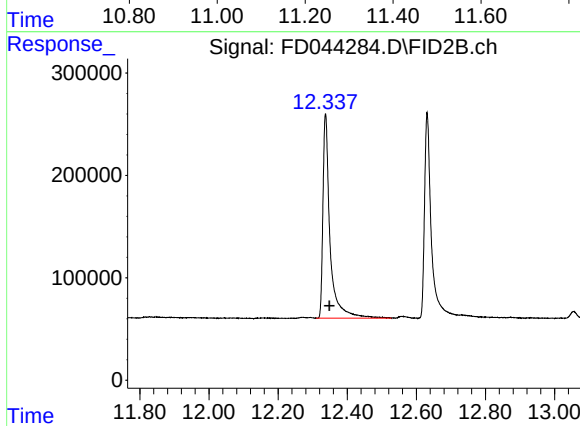
#10 Anthracene (C19.43)

R.T.: 10.610 min
Delta R.T.: -0.011 min
Response: 2416733
Conc: 17.99 ug/ml



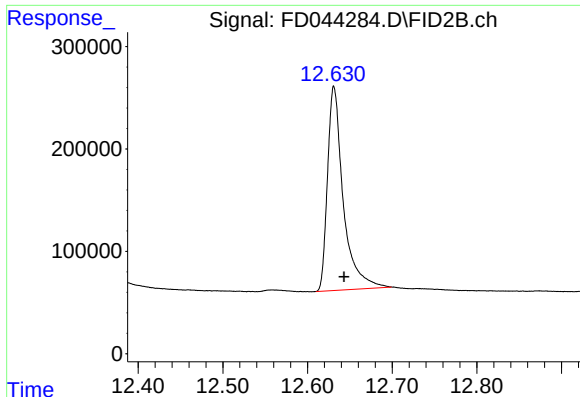
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.010 min
Response: 3566208
Conc: 21.07 ug/ml



#12 Fluoranthene (C21.85)

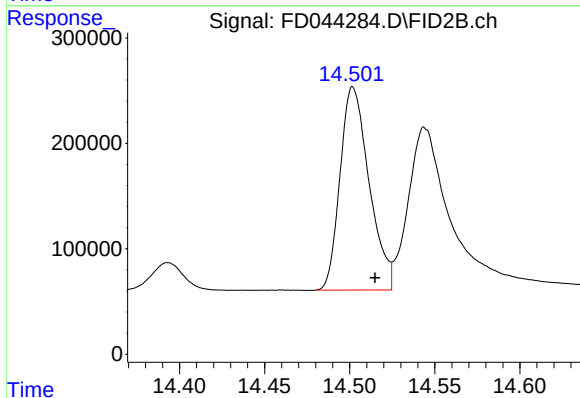
R.T.: 12.338 min
Delta R.T.: -0.011 min
Response: 2857569
Conc: 21.40 ug/ml



#13 Pyrene (C20.8)

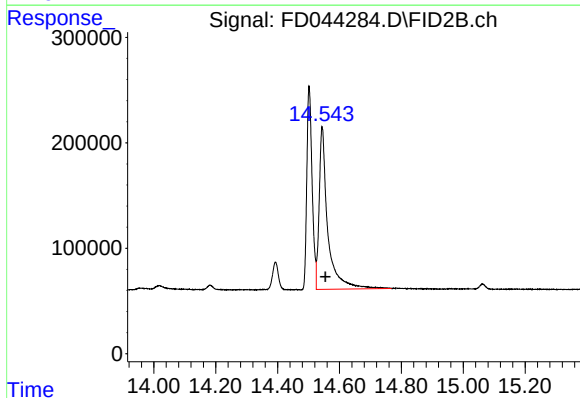
R.T.: 12.631 min
Delta R.T.: -0.012 min
Response: 2576191
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



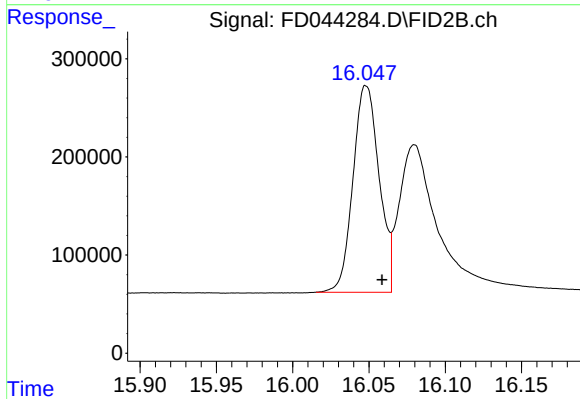
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 2285058
Conc: 21.51 ug/ml



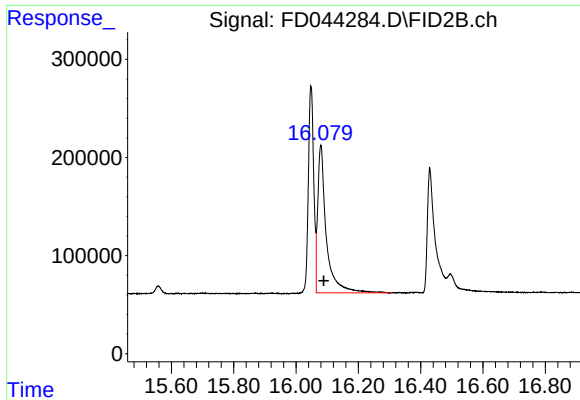
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.010 min
Response: 2991383
Conc: 22.82 ug/ml



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

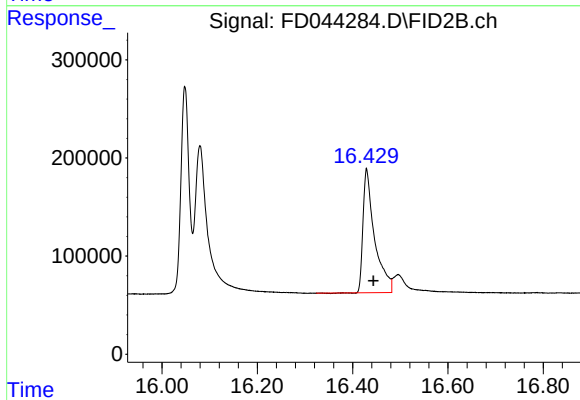
R.T.: 16.048 min
Delta R.T.: -0.010 min
Response: 2511263
Conc: 22.38 ug/ml



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

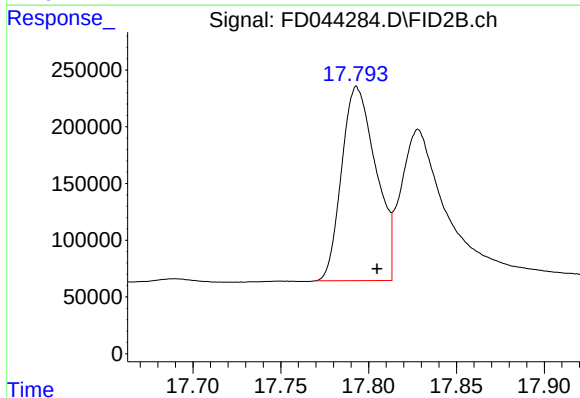
R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 2885636
Conc: 22.68 ug/ml

Instrument :
FID_D
ClientSampleId :



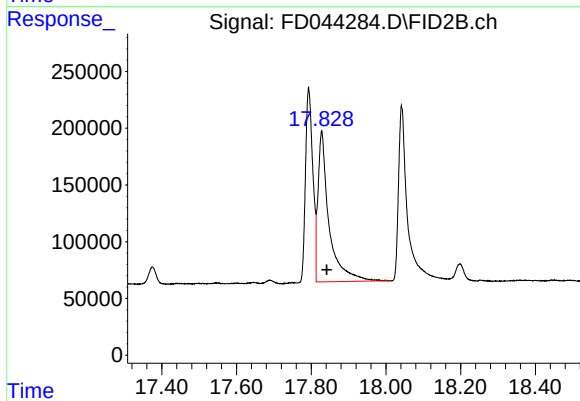
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.013 min
Response: 2140750
Conc: 18.42 ug/ml



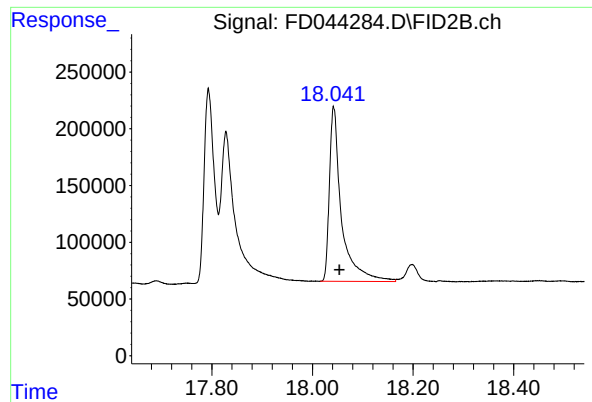
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 2316243
Conc: 21.73 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.013 min
Response: 2719901
Conc: 21.99 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 2569868
Conc: 21.89 ug/ml

Instrument :

FID_D

ClientSampleId :