

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044824.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 09:09
 Operator : YP/AJ
 Sample : 01161-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 11:16:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.664	7688310	53.316 ug/ml
Spiked Amount 50.000		Recovery =	106.63%
6) S 2-Fluorobiphenyl (SURR)	8.521	4984789	51.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.70%
11) S ortho-Terphenyl (SURR)	11.550	10911395	60.562 ug/ml
Spiked Amount 50.000		Recovery =	121.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	14382027	89.387 ug/ml
2) T Naphthalene (C11.7)	5.955f	842625	5.020 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	48492099	288.405 ug/ml
5) T Acenaphthylene (C15.06)	8.344	848199	5.592 ug/ml
7) T Acenaphthene (C15.5)	8.624	765291	4.721 ug/ml
8) T Flouorene (C16.55)	9.387	2938226	18.436 ug/ml
9) T Phenanthrene (C19.36)	10.783	5138400	32.742 ug/ml
10) T Anthracene (C19.43)	10.839	2431207	19.334 ug/ml
12) T Fluoranthene (C21.85)	12.586	8854731	56.387 ug/ml
13) T Pyrene (C20.8)	12.883	3443834	22.497 ug/ml
14) T Benzo[a]anthracene (C...	14.744	4346248	30.567 ug/ml
15) T Chrysene (C27.41)	14.781	4163266	27.455 ug/ml
16) T benzo[b]fluoranthene ...	16.281	3293935	21.902 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	1327692	8.763 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	4306875	29.685 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	930566	6.580 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	1166914	7.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.260	1017136	7.160 ug/ml

(f)=RT Delta > 1/2 Window

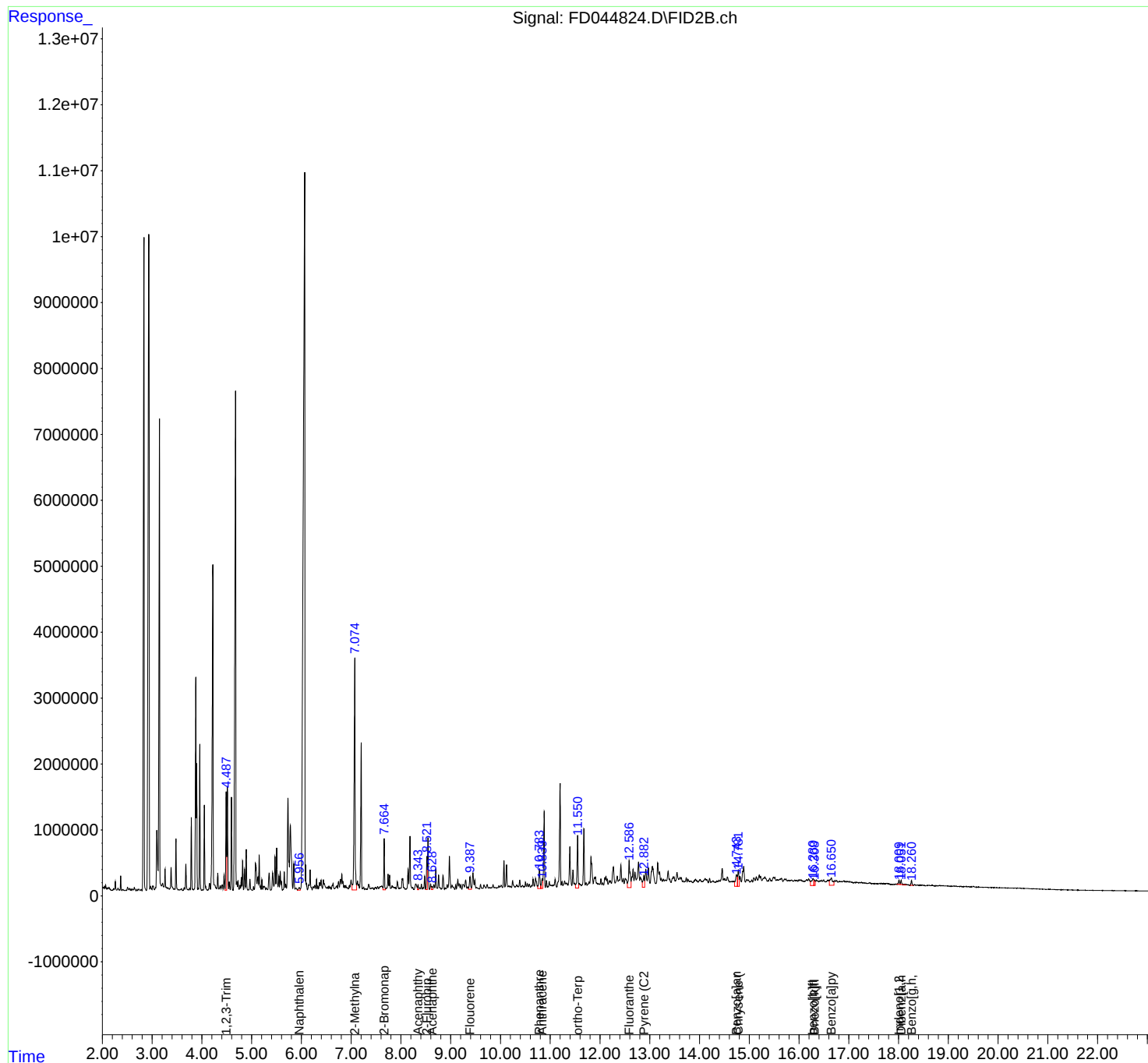
(m)=manual int.

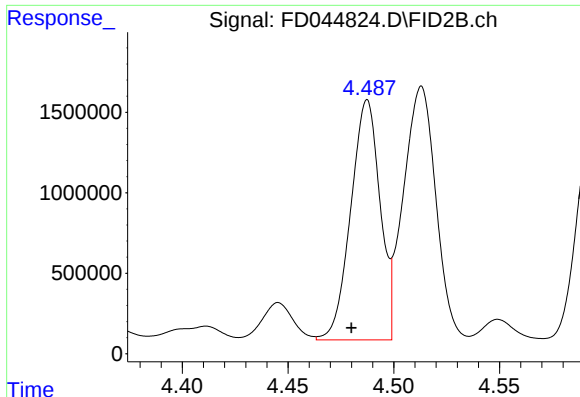
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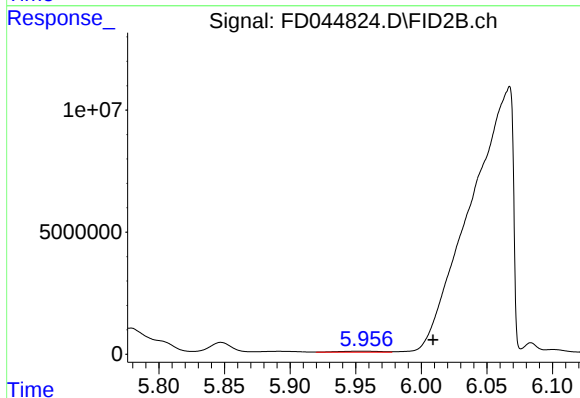




#1 1,2,3-Trimethylbenzene (C10.1)

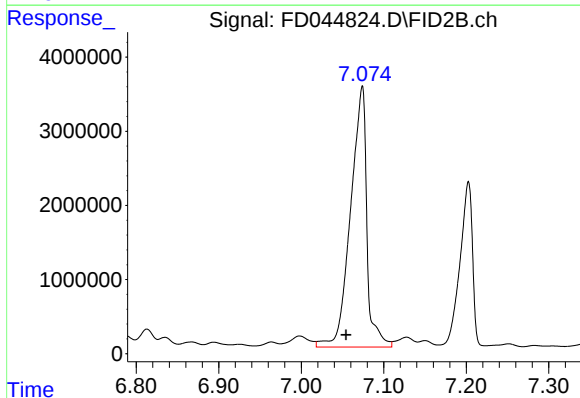
R.T.: 4.487 min
Delta R.T.: 0.007 min
Response: 14382027
Conc: 89.39 ug/ml

Instrument :
FID_D
ClientSampleId :



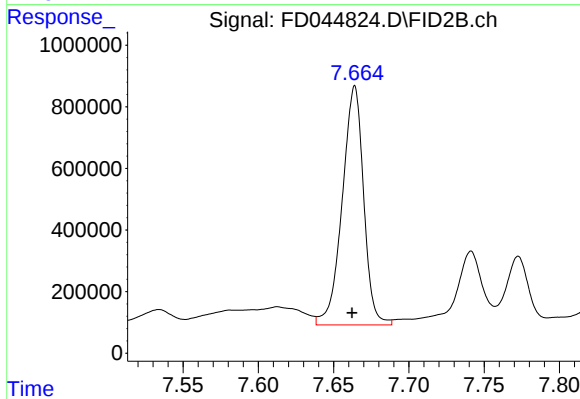
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.054 min
Response: 842625
Conc: 5.02 ug/ml



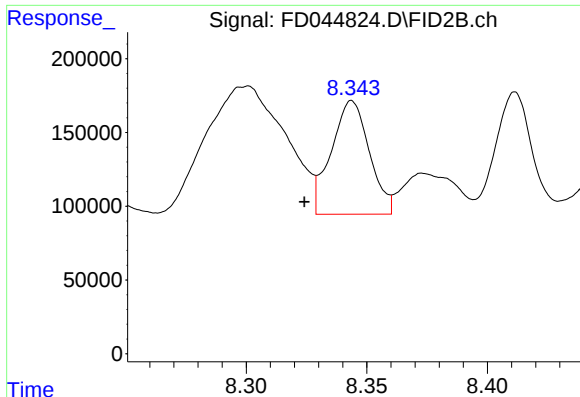
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.019 min
Response: 48492099
Conc: 288.41 ug/ml



#4 2-Bromonaphthalene (SURR)

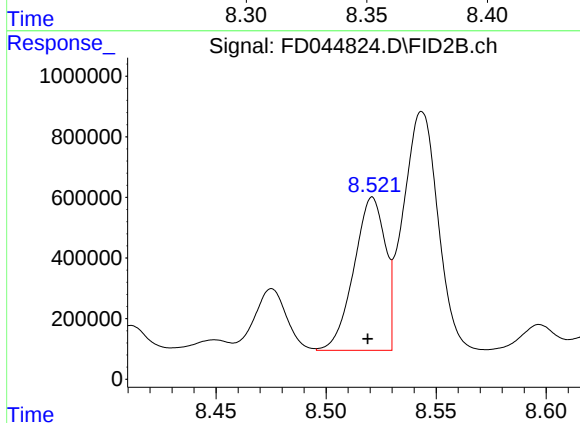
R.T.: 7.664 min
Delta R.T.: 0.001 min
Response: 7688310
Conc: 53.32 ug/ml



#5 Acenaphthylene (C15.06)

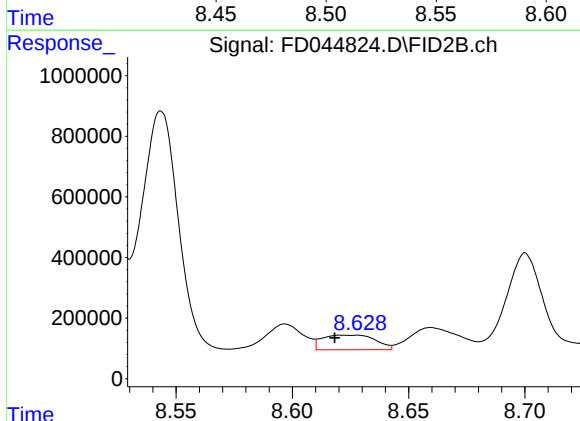
R.T.: 8.344 min
Delta R.T.: 0.020 min
Response: 848199
Conc: 5.59 ug/ml

Instrument :
FID_D
ClientSampleId :



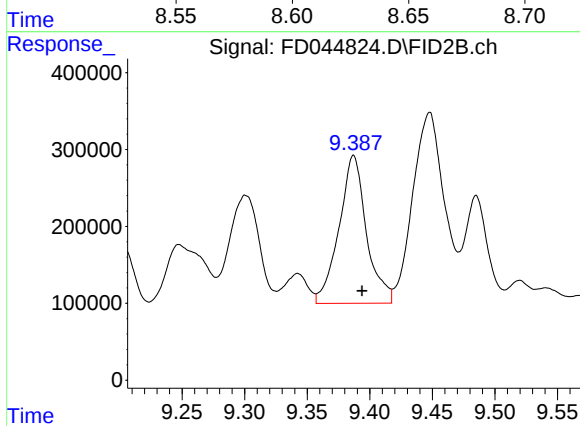
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 4984789
Conc: 51.35 ug/ml



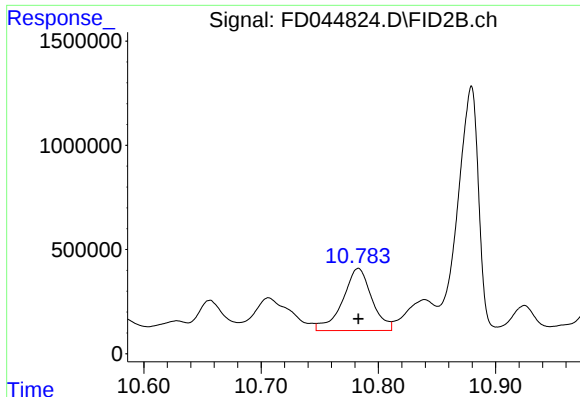
#7 Acenaphthene (C15.5)

R.T.: 8.624 min
Delta R.T.: 0.006 min
Response: 765291
Conc: 4.72 ug/ml



#8 Fluorene (C16.55)

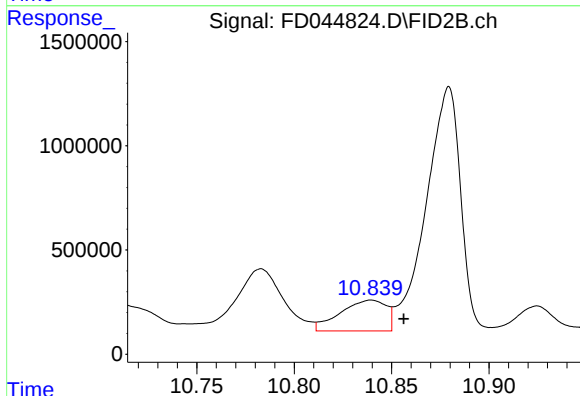
R.T.: 9.387 min
Delta R.T.: -0.007 min
Response: 2938226
Conc: 18.44 ug/ml



#9 Phenanthrene (C19.36)

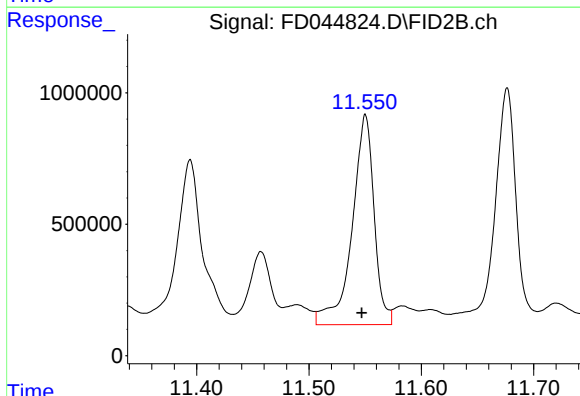
R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 5138400
Conc: 32.74 ug/ml

Instrument :
FID_D
ClientSampleId :



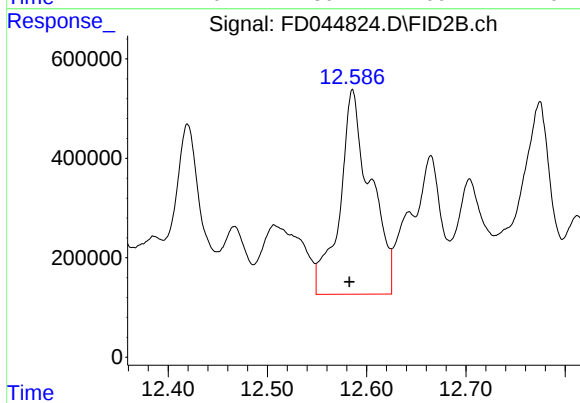
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.017 min
Response: 2431207
Conc: 19.33 ug/ml



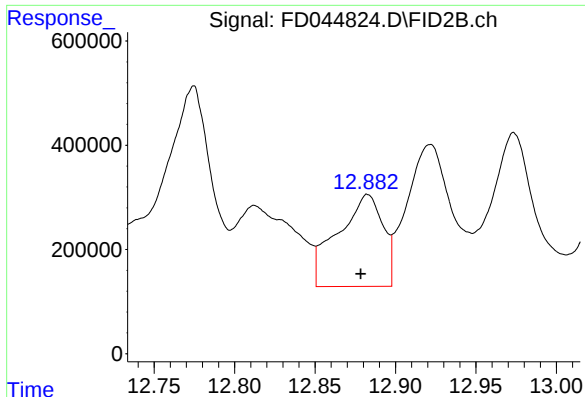
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.003 min
Response: 10911395
Conc: 60.56 ug/ml



#12 Fluoranthene (C21.85)

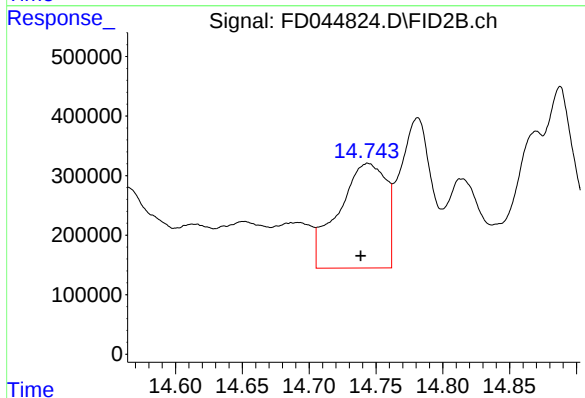
R.T.: 12.586 min
Delta R.T.: 0.003 min
Response: 8854731
Conc: 56.39 ug/ml



#13 Pyrene (C20.8)

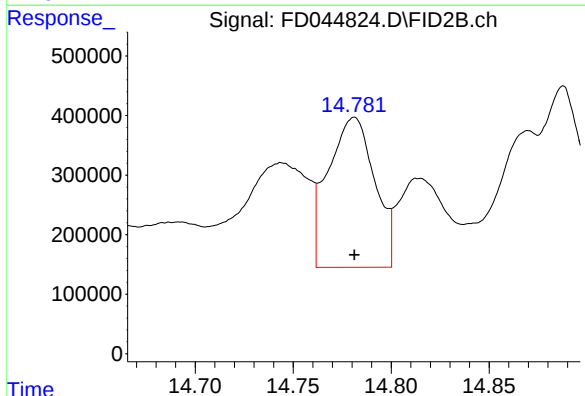
R.T.: 12.883 min
Delta R.T.: 0.004 min
Response: 3443834
Conc: 22.50 ug/ml

Instrument :
FID_D
ClientSampleId :



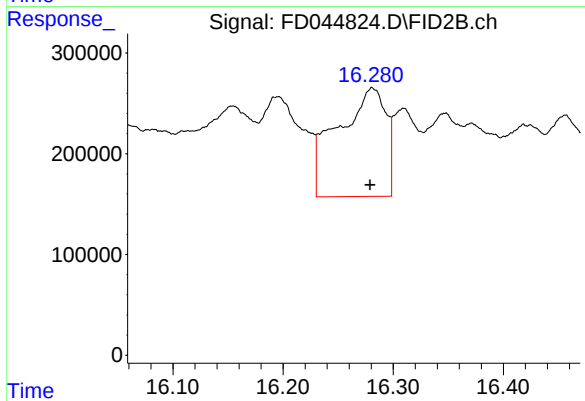
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: 0.005 min
Response: 4346248
Conc: 30.57 ug/ml



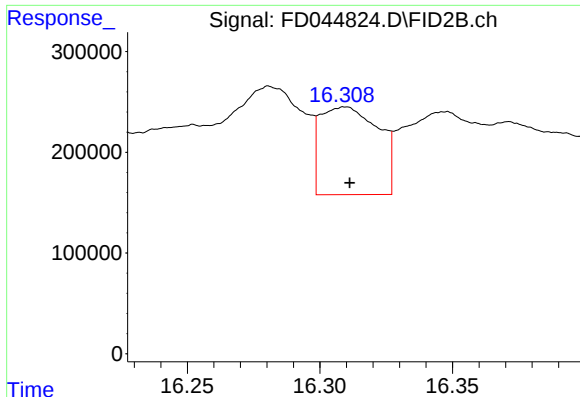
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 4163266
Conc: 27.46 ug/ml



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

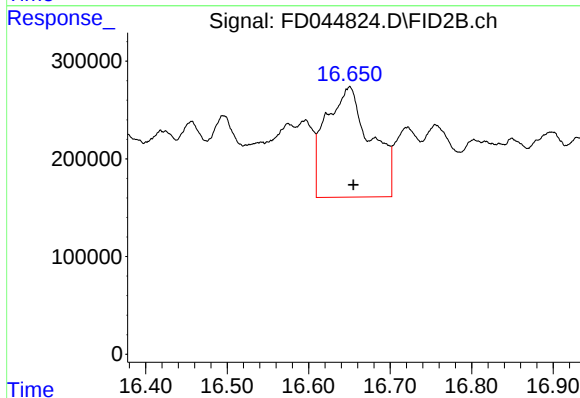
R.T.: 16.281 min
Delta R.T.: 0.002 min
Response: 3293935
Conc: 21.90 ug/ml



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

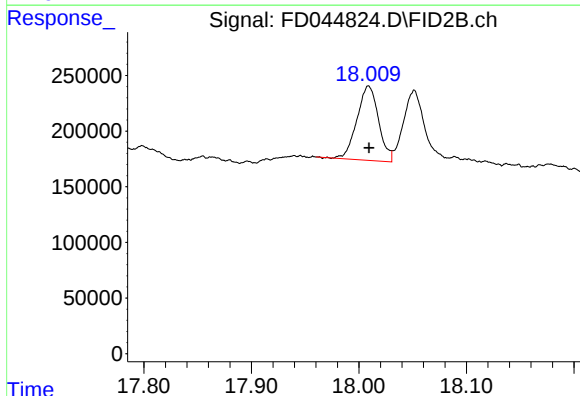
R.T.: 16.309 min
Delta R.T.: -0.002 min
Response: 1327692
Conc: 8.76 ug/ml

Instrument :
FID_D
ClientSampleId :



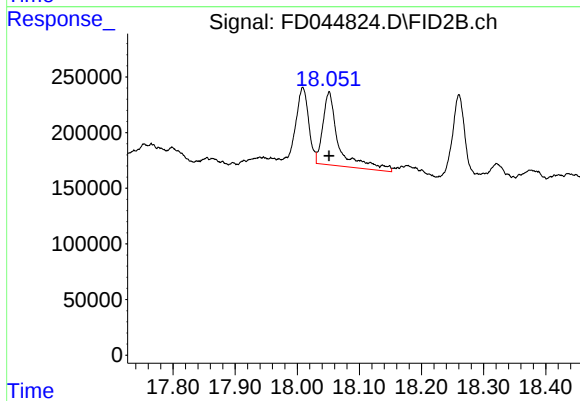
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 4306875
Conc: 29.69 ug/ml



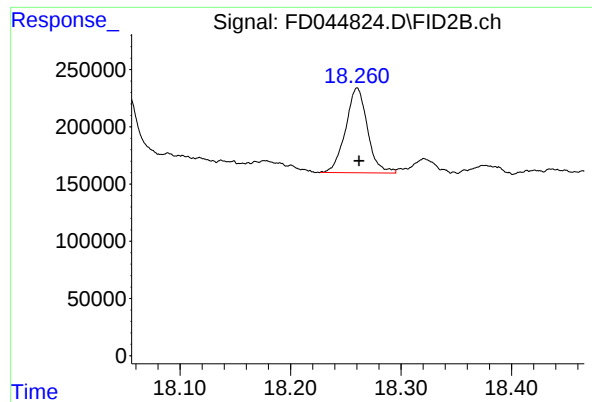
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: 0.000 min
Response: 930566
Conc: 6.58 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 1166914
Conc: 7.96 ug/ml



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

R.T.: 18.260 min
Delta R.T.: -0.002 min
Response: 1017136
Conc: 7.16 ug/ml

Instrument :

FID_D

ClientSampleId :