

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044153.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 17:25
 Operator : YP/AJ
 Sample : N4955-08
 Misc : 2.5 PPM WATER LOQ
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 18 03:33:29 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...	7.417	6653890	53.593 ug/ml
Spiked Amount 50.000		Recovery =	107.19%
6) S 2-Fluorobiphenyl (SURR)	8.270	3770092	50.069 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.14%
11) S ortho-Terphenyl (SURR)	11.304	7307314	43.172 ug/ml
Spiked Amount 50.000		Recovery =	86.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	455514	3.227 ug/ml
2) T Naphthalene (C11.7)	5.766	444721	3.244 ug/ml
3) T 2-Methylnaphthalene (...)	6.813	460966	3.252 ug/ml
5) T Acenaphthylene (C15.06)	8.078	612801	4.368 ug/ml
7) T Acenaphthene (C15.5)	8.367	708372	4.555 ug/ml
8) T Fluorene (C16.55)	9.153	580686	4.128 ug/ml
9) T Phenanthrene (C19.36)	10.544	543840	4.038 ug/ml
10) T Anthracene (C19.43)	10.622	541889	4.033 ug/ml
12) T Fluoranthene (C21.85)	12.346	600735	4.498 ug/ml
13) T Pyrene (C20.8)	12.640	543815	4.305 ug/ml
14) T Benzo[a]anthracene (C...	14.513	444723	4.187 ug/ml
15) T Chrysene (C27.41)	14.552	681220	5.197 ug/ml
16) T benzo[b]fluoranthene ...	16.058	498370	4.441 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	649477	5.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	443836	3.820 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	478825	4.491 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	639076	5.166 ug/ml
21) T Benzo[g,h,i]perylene ...	18.053	546891	4.658 ug/ml

(f)=RT Delta > 1/2 Window

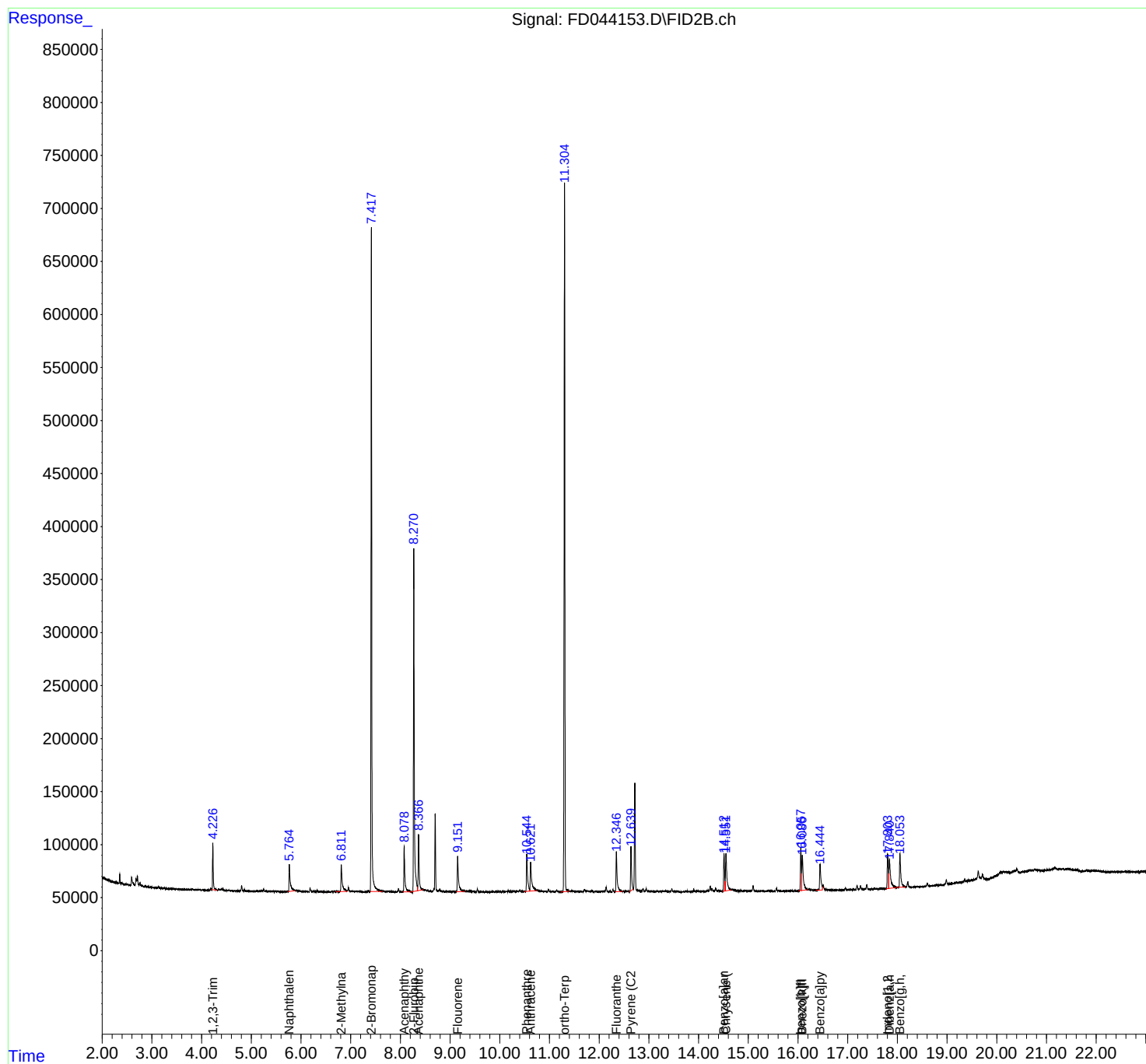
(m)=manual int.

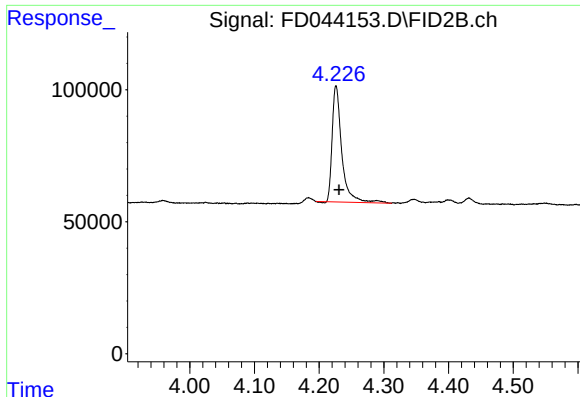
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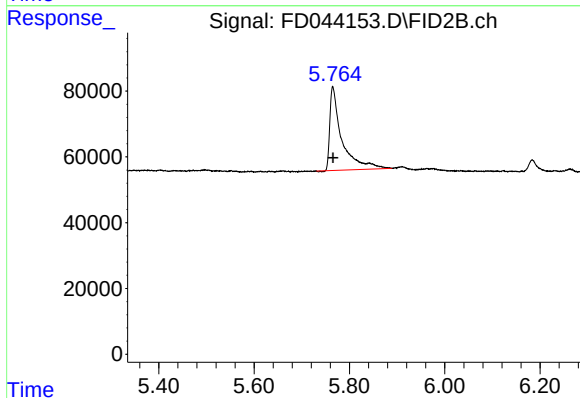




#1 1,2,3-Trimethylbenzene (C10.1)

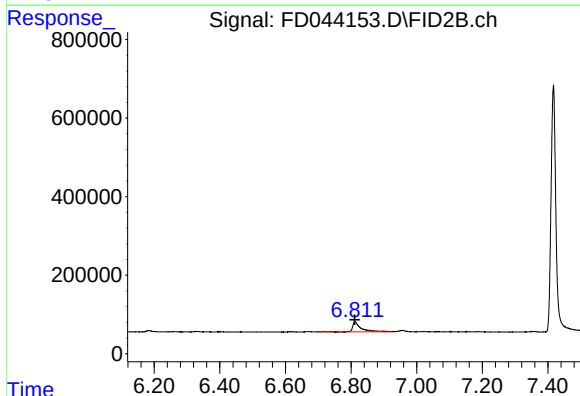
R.T.: 4.226 min
Delta R.T.: -0.005 min
Response: 455514
Conc: 3.23 ug/ml

Instrument :
FID_D
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LOQ-WATER-02-QT4-2022



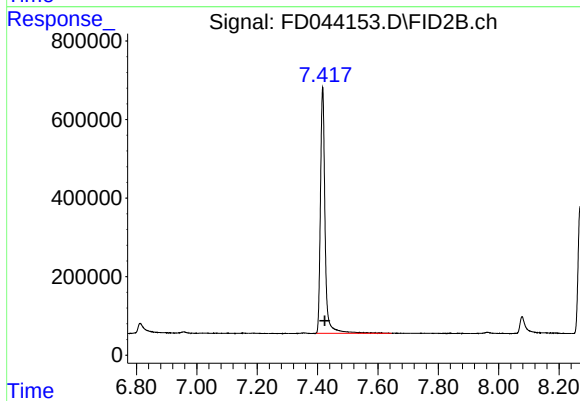
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 444721
Conc: 3.24 ug/ml



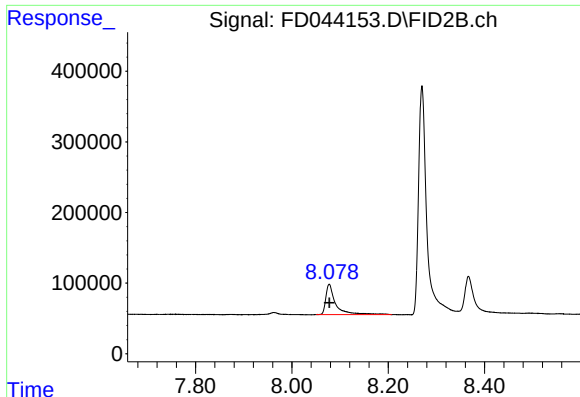
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: 0.001 min
Response: 460966
Conc: 3.25 ug/ml



#4 2-Bromonaphthalene (SURR)

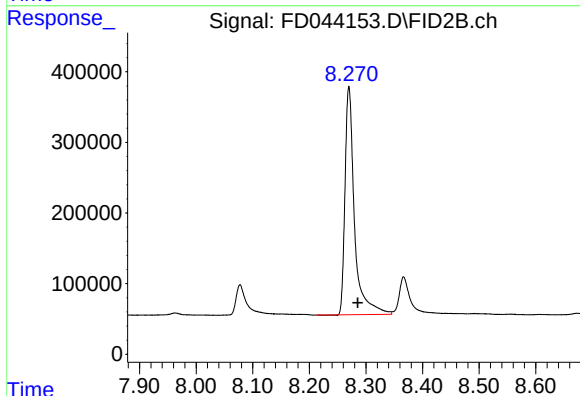
R.T.: 7.417 min
Delta R.T.: -0.007 min
Response: 6653890
Conc: 53.59 ug/ml



#5 Acenaphthylene (C15.06)

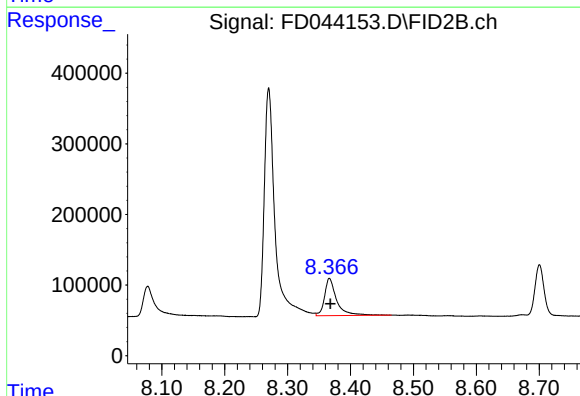
R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 612801
Conc: 4.37 ug/ml

Instrument :
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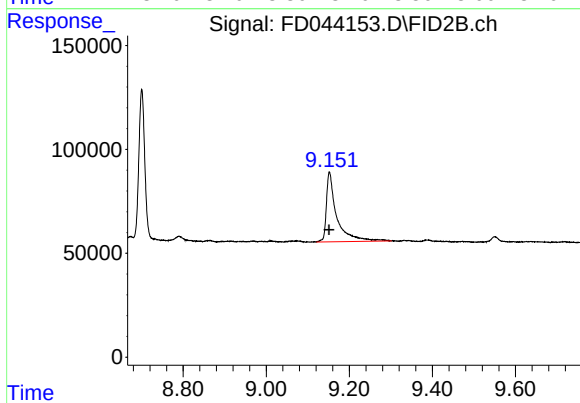
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 3770092
Conc: 50.07 ug/ml



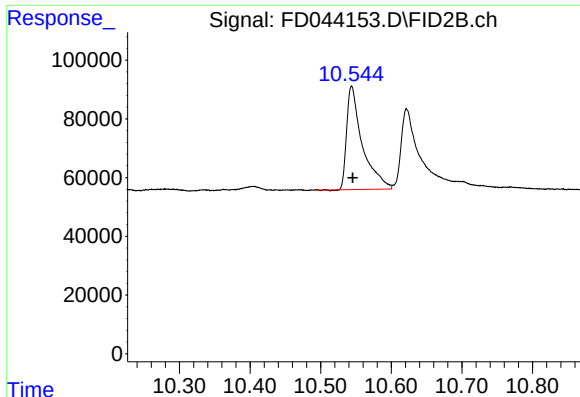
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 708372
Conc: 4.56 ug/ml



#8 Fluorene (C16.55)

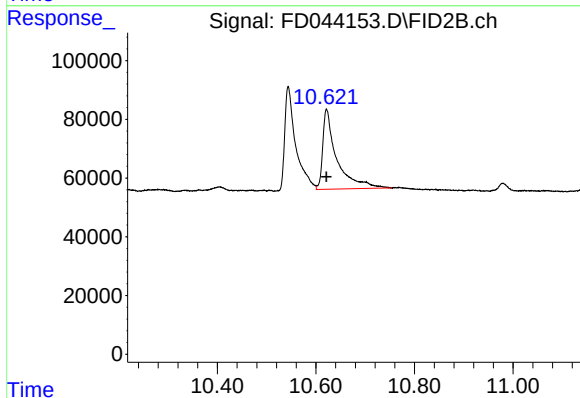
R.T.: 9.153 min
Delta R.T.: 0.000 min
Response: 580686
Conc: 4.13 ug/ml



#9 Phenanthrene (C19.36)

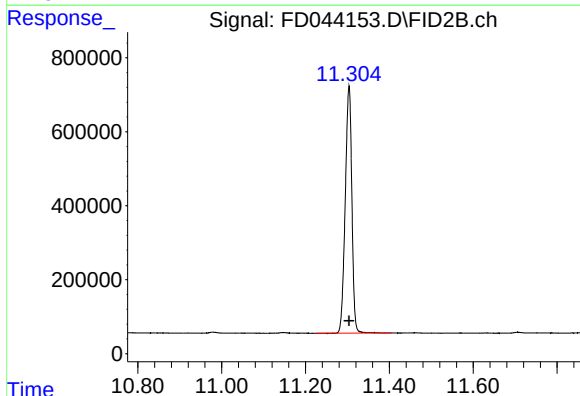
R.T.: 10.544 min
Delta R.T.: 0.000 min
Response: 543840
Conc: 4.04 ug/ml

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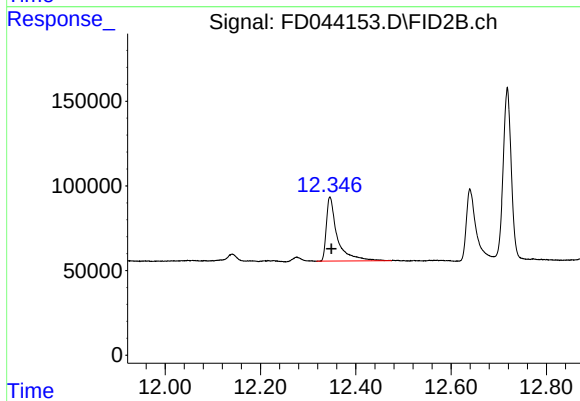
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 541889
Conc: 4.03 ug/ml



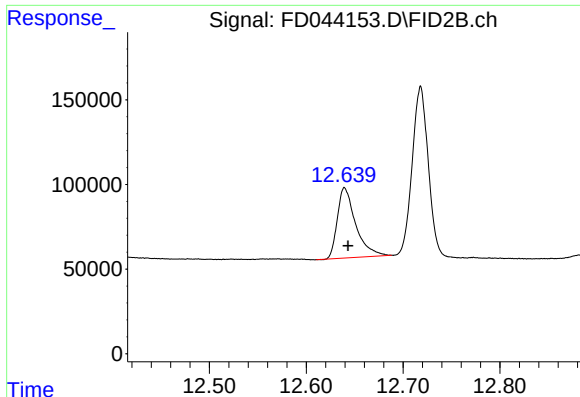
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 7307314
Conc: 43.17 ug/ml



#12 Fluoranthene (C21.85)

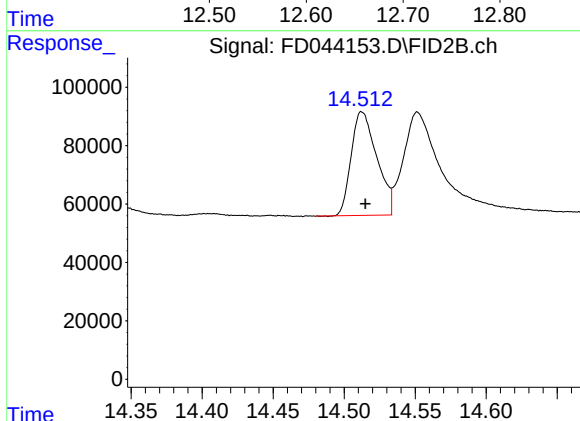
R.T.: 12.346 min
Delta R.T.: -0.002 min
Response: 600735
Conc: 4.50 ug/ml



#13 Pyrene (C20.8)

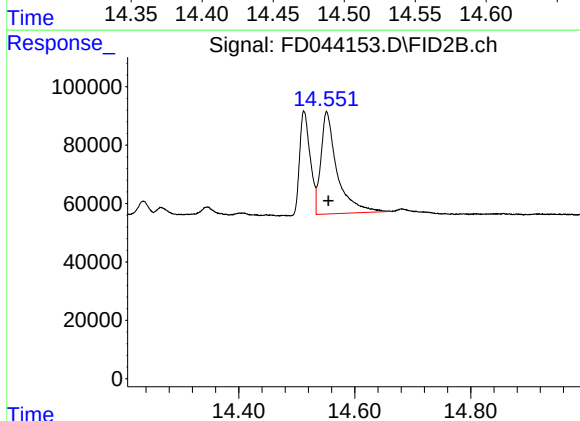
R.T.: 12.640 min
Delta R.T.: -0.003 min
Response: 543815
Conc: 4.31 ug/ml

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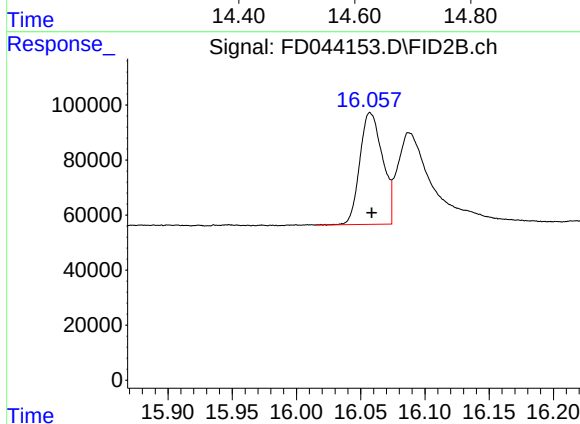
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.513 min
Delta R.T.: -0.002 min
Response: 444723
Conc: 4.19 ug/ml



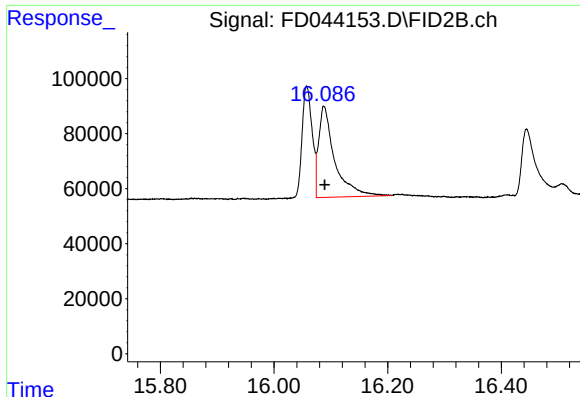
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: -0.003 min
Response: 681220
Conc: 5.20 ug/ml



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

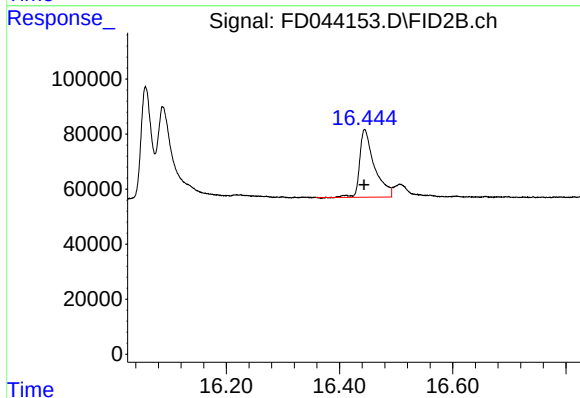
R.T.: 16.058 min
Delta R.T.: 0.000 min
Response: 498370
Conc: 4.44 ug/ml



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

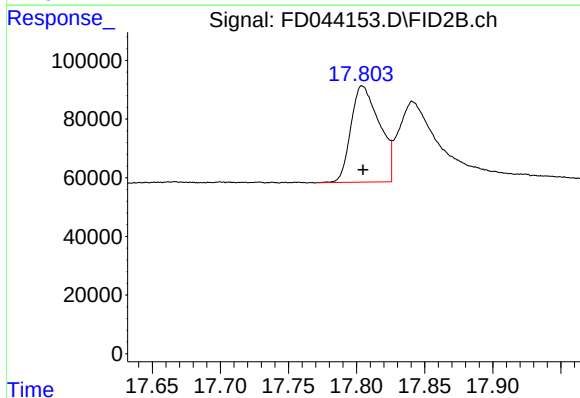
R.T.: 16.088 min
Delta R.T.: 0.000 min
Response: 649477
Conc: 5.10 ug/ml

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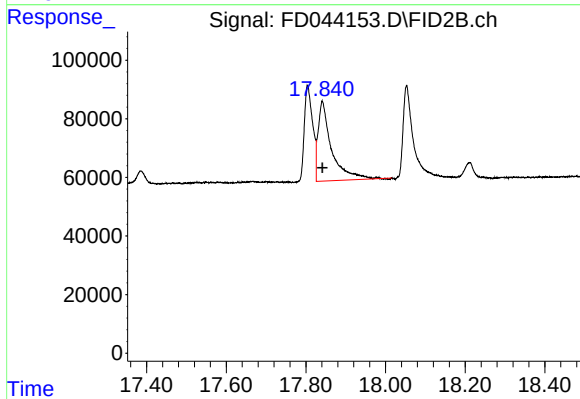
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: 0.002 min
Response: 443836
Conc: 3.82 ug/ml



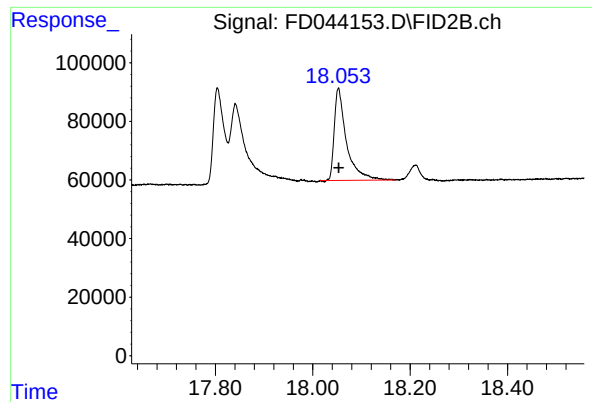
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: 0.000 min
Response: 478825
Conc: 4.49 ug/ml



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

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 639076
Conc: 5.17 ug/ml



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

R.T.: 18.053 min
Delta R.T.: 0.000 min
Response: 546891
Conc: 4.66 ug/ml

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