

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020124AR\
 Data File : FD047144.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2024 12:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:21:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 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...	7.470	2975829	19.347 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
6) S 2-Fluorobiphenyl (SURR)	8.322	1968375	19.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.53%
11) S ortho-Terphenyl (SURR)	11.358	3495909	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3016574	19.363 ug/ml
2) T Naphthalene (C11.7)	5.810	3193000	19.061 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3250138	19.172 ug/ml
5) T Acenaphthylene (C15.06)	8.126	2993171	19.308 ug/ml
7) T Acenaphthene (C15.5)	8.421	3167628	19.182 ug/ml
8) T Flouorene (C16.55)	9.199	3107042	19.468 ug/ml
9) T Phenanthrene (C19.36)	10.586	3057728	19.317 ug/ml
10) T Anthracene (C19.43)	10.661	2902237	18.932 ug/ml
12) T Fluoranthene (C21.85)	12.389	3055428	19.152 ug/ml
13) T Pyrene (C20.8)	12.682	2985752	19.316 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2699656	19.230 ug/ml
15) T Chrysene (C27.41)	14.588	2904726	18.755 ug/ml
16) T benzo[b]fluoranthene ...	16.088	2767739	19.080 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	2791575	18.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2721767	19.040 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2502802	19.420 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2655240	18.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2621967	19.108 ug/ml

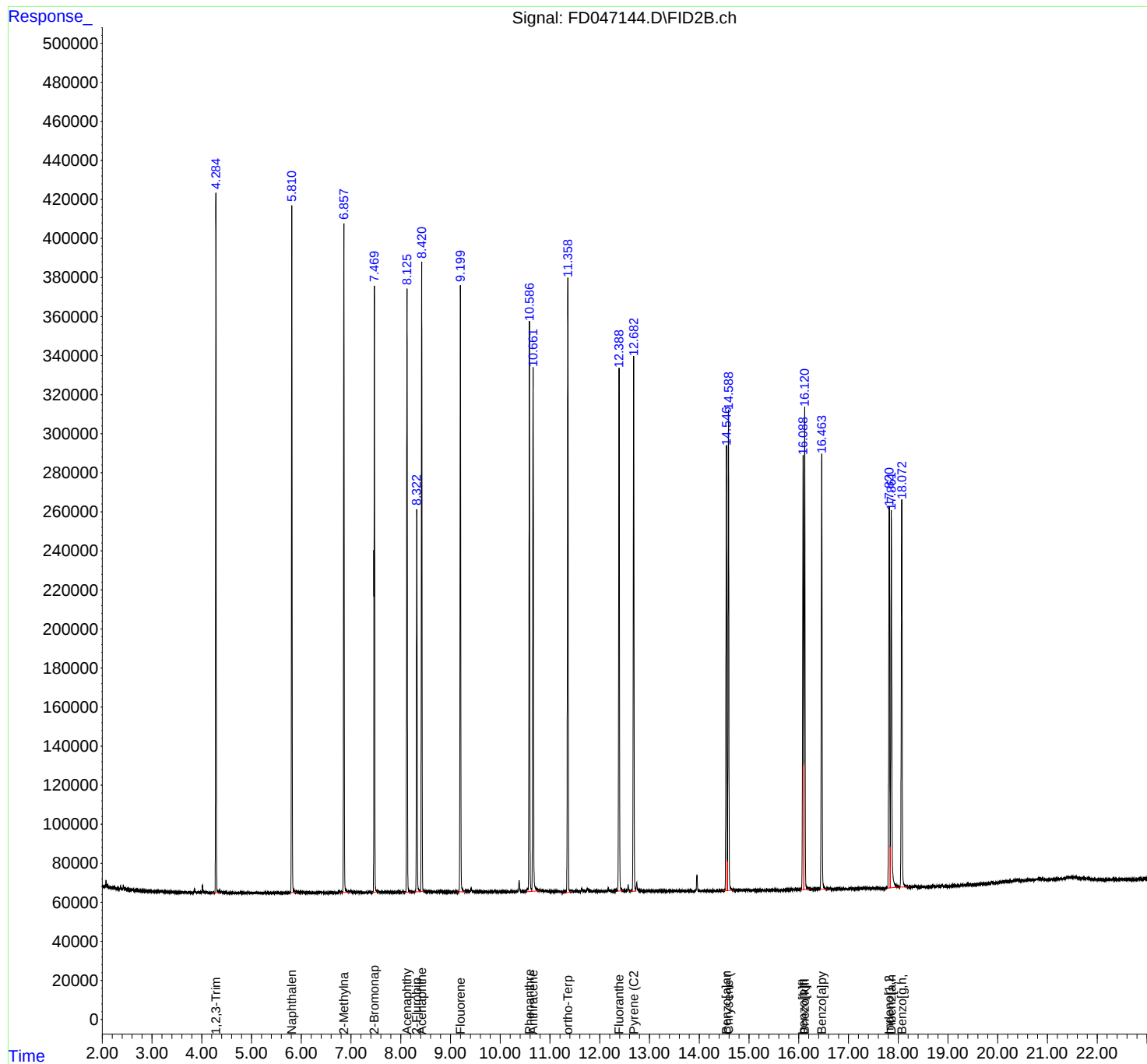
(f)=RT Delta > 1/2 Window

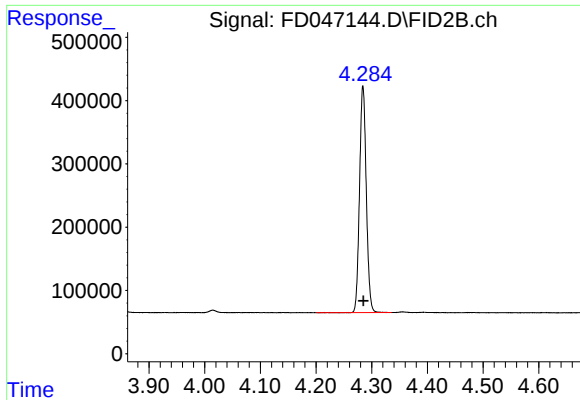
(m)=manual int.

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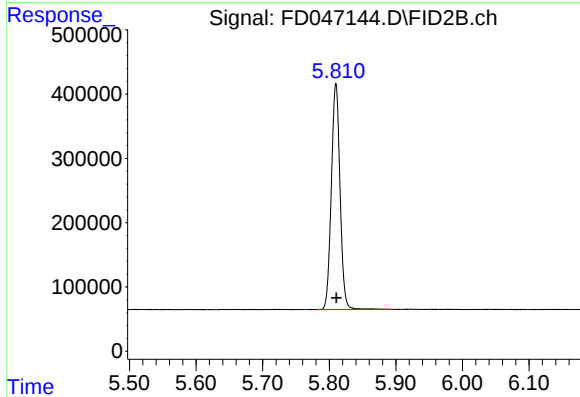
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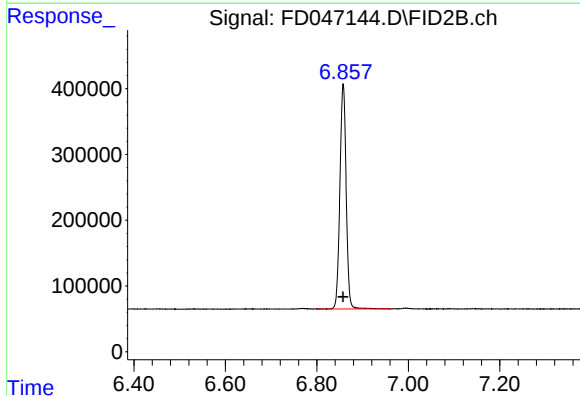
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 3016574
Conc: 19.36 ug/ml



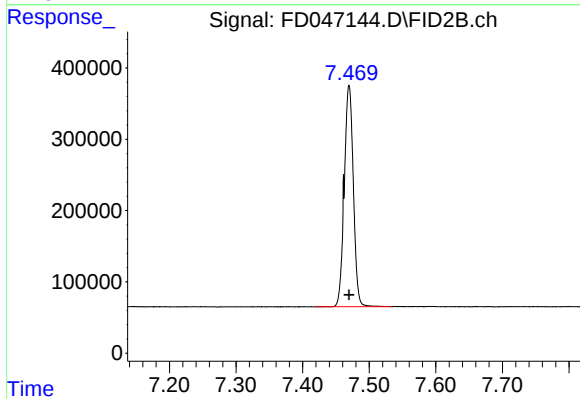
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 3193000
Conc: 19.06 ug/ml



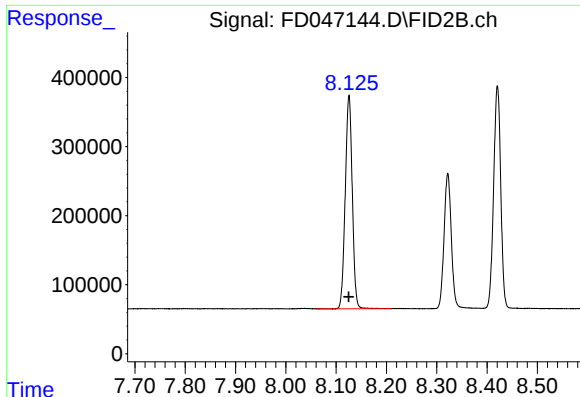
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3250138
Conc: 19.17 ug/ml



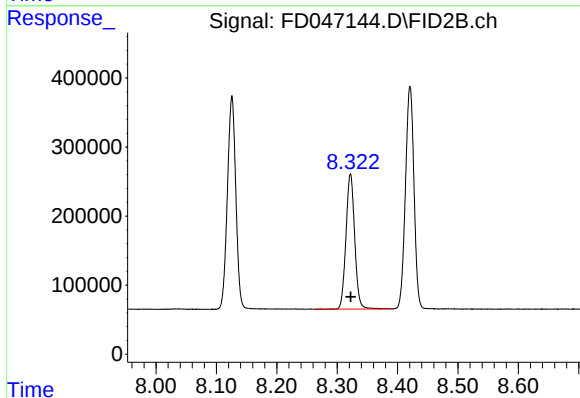
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 2975829
Conc: 19.35 ug/ml



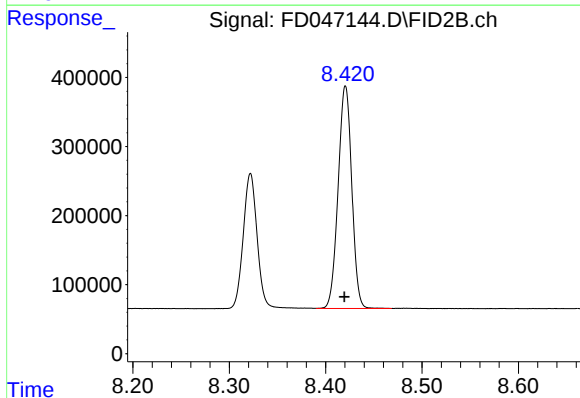
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 2993171
Conc: 19.31 ug/ml



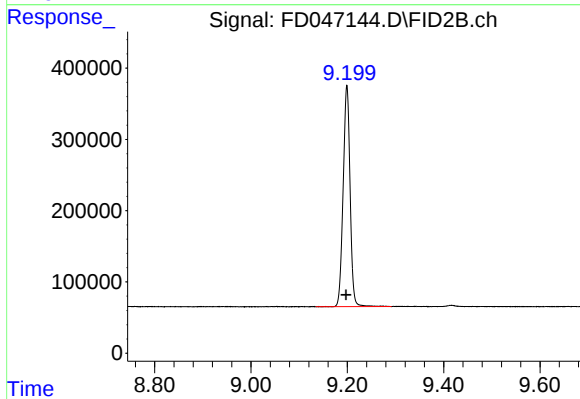
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 1968375
Conc: 19.27 ug/ml



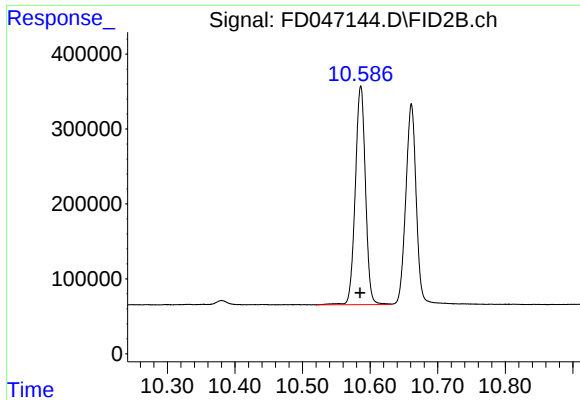
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.001 min
Response: 3167628
Conc: 19.18 ug/ml



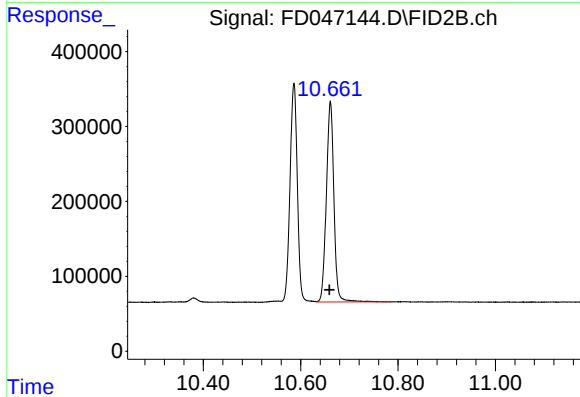
#8 Fluorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.002 min
Response: 3107042
Conc: 19.47 ug/ml



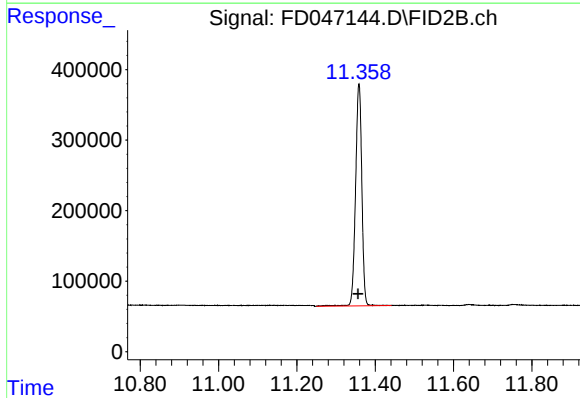
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.001 min
Response: 3057728
Conc: 19.32 ug/ml



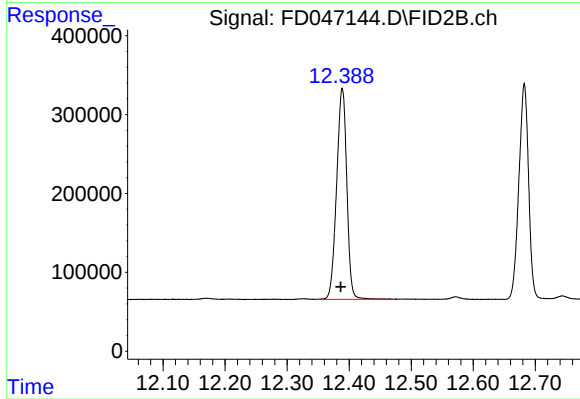
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.002 min
Response: 2902237
Conc: 18.93 ug/ml



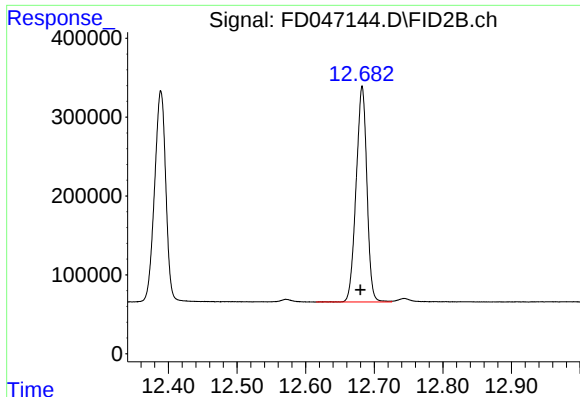
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 3495909
Conc: 19.62 ug/ml



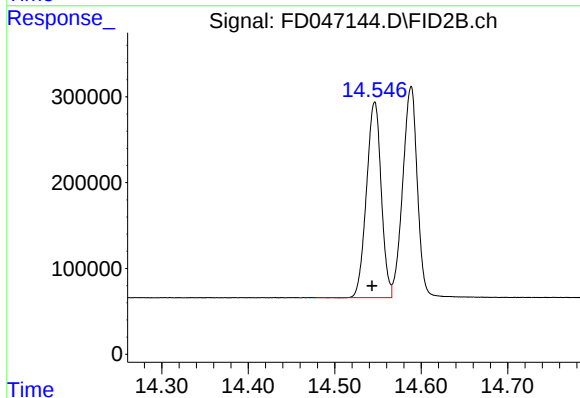
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 3055428
Conc: 19.15 ug/ml



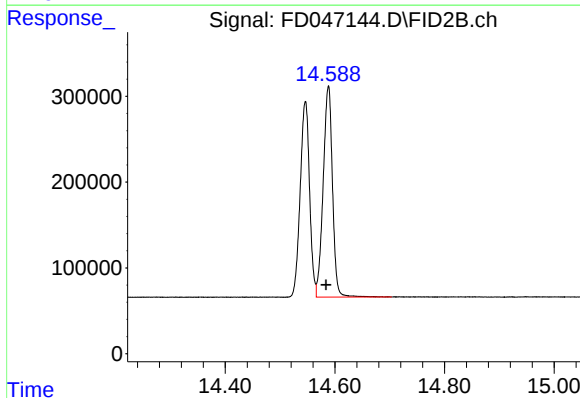
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 2985752
Conc: 19.32 ug/ml



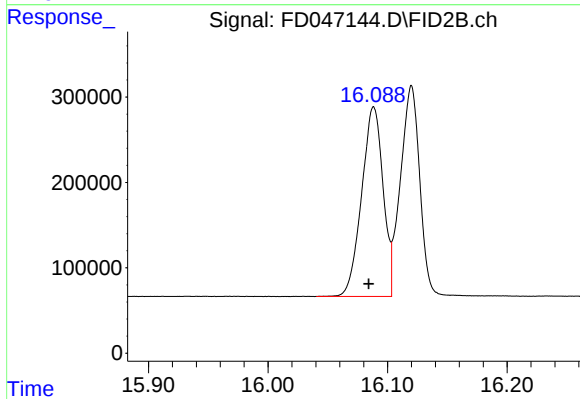
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.003 min
Response: 2699656
Conc: 19.23 ug/ml



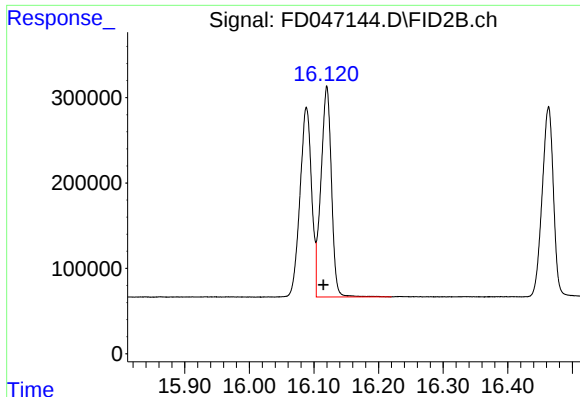
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.004 min
Response: 2904726
Conc: 18.75 ug/ml



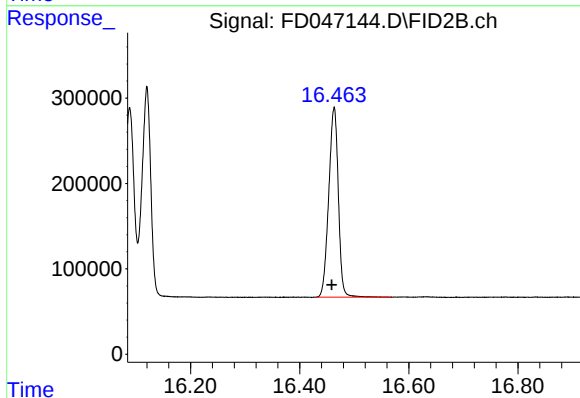
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.004 min
Response: 2767739
Conc: 19.08 ug/ml



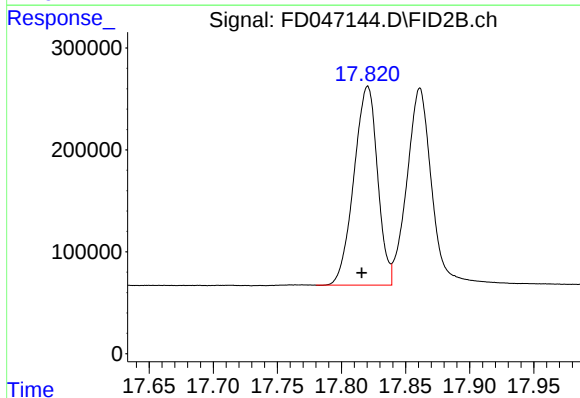
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.120 min
Delta R.T.: 0.005 min
Response: 2791575
Conc: 18.94 ug/ml



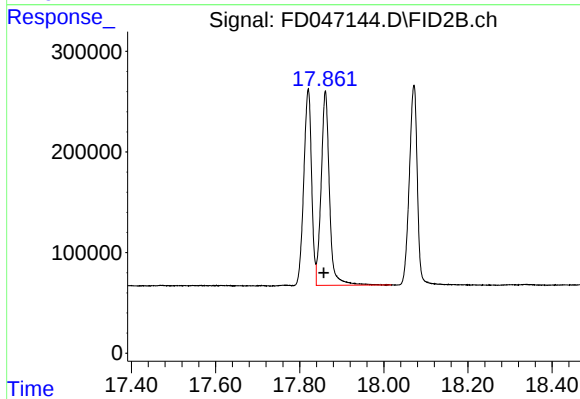
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 2721767
Conc: 19.04 ug/ml



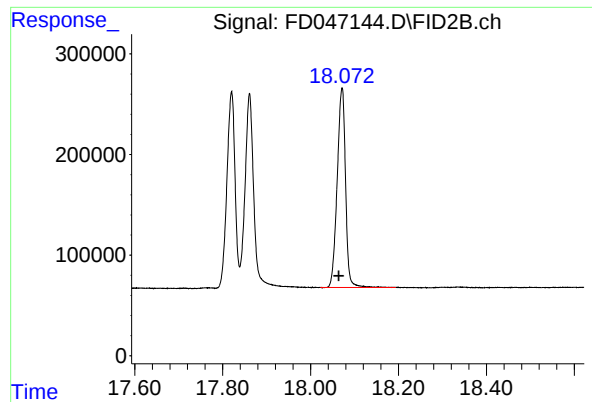
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.004 min
Response: 2502802
Conc: 19.42 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.004 min
Response: 2655240
Conc: 18.73 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.007 min
Response: 2621967
Conc: 19.11 ug/ml