

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047081.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 16:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 16:52:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3385568	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
6) S 2-Fluorobiphenyl (SURR)	8.322	2123065	20.373 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.75%
11) S ortho-Terphenyl (SURR)	11.359	3933830	20.371 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	3640252	20.176 ug/ml
2) T Naphthalene (C11.7)	5.811	3734974	20.291 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3737248	20.361 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3402330	20.283 ug/ml
7) T Acenaphthene (C15.5)	8.421	3660543	20.353 ug/ml
8) T Fluorene (C16.55)	9.199	3393786	20.475 ug/ml
9) T Phenanthrene (C19.36)	10.586	3181768	20.398 ug/ml
10) T Anthracene (C19.43)	10.661	2933279	20.251 ug/ml
12) T Fluoranthene (C21.85)	12.389	3093796	20.438 ug/ml
13) T Pyrene (C20.8)	12.683	3008256	20.512 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2470478	20.075 ug/ml
15) T Chrysene (C27.41)	14.587	2764559	19.694 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2598999	20.177 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2646374	19.897 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2545222	20.029 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2163187	19.512 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2409941	18.861 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2531771	19.762 ug/ml

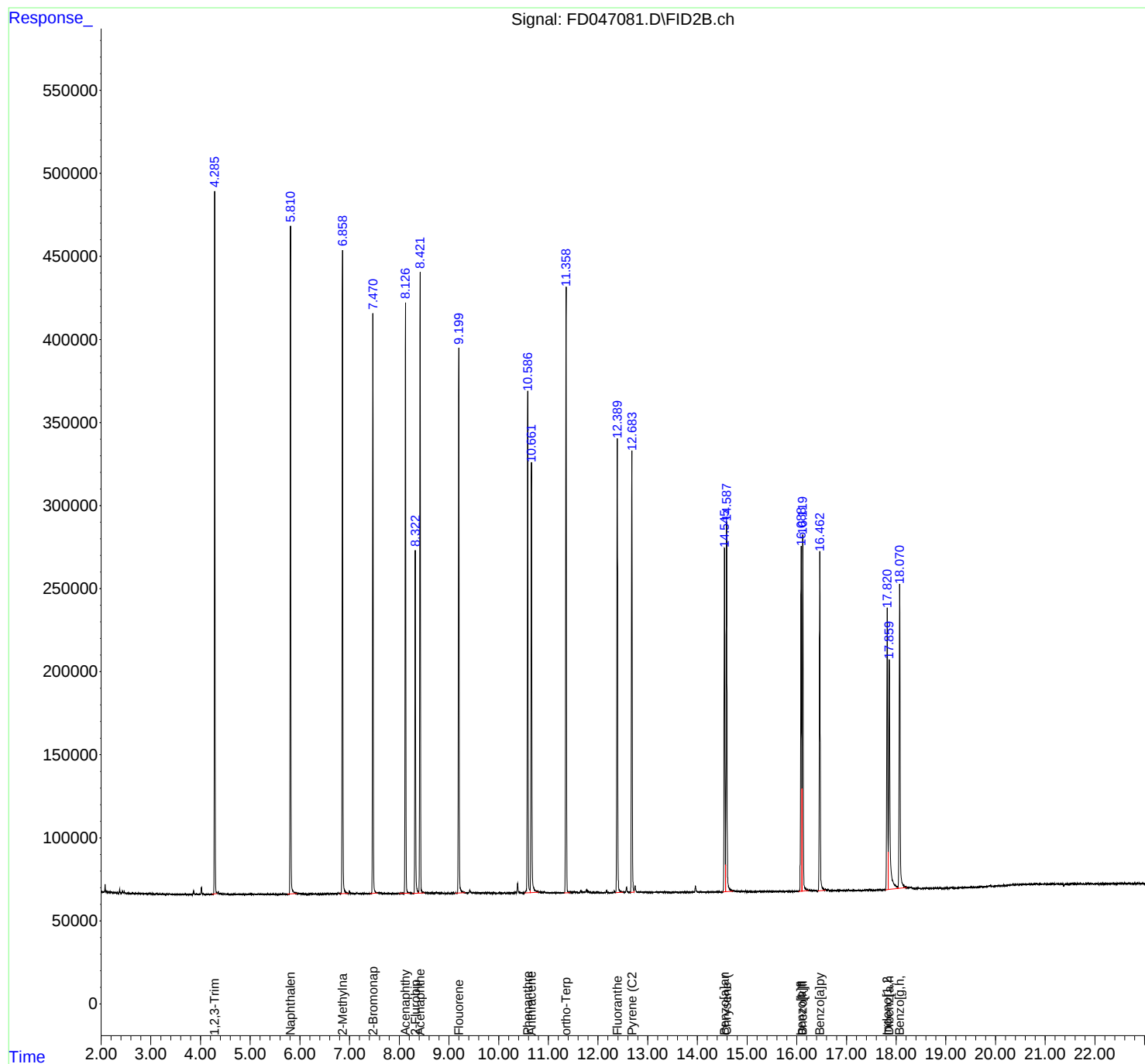
(f)=RT Delta > 1/2 Window

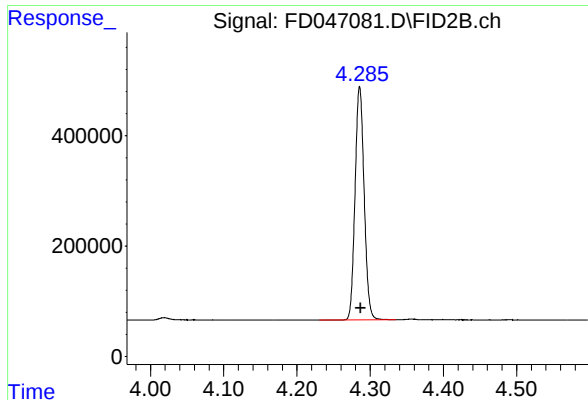
(m)=manual int.

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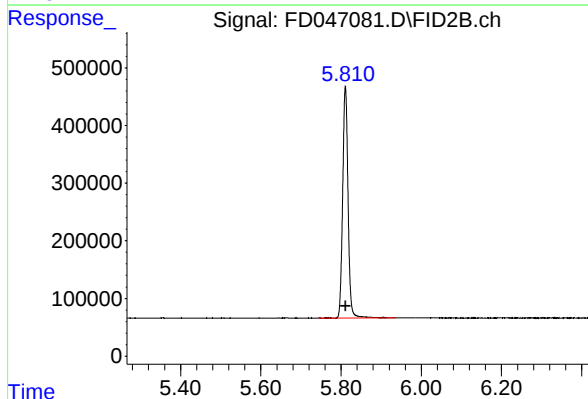
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





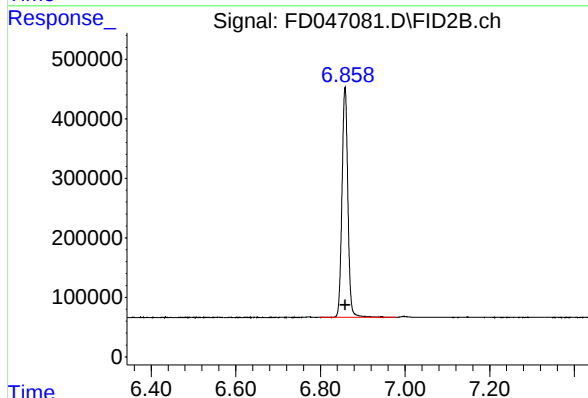
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: -0.001 min
Response: 3640252
Conc: 20.18 ug/ml



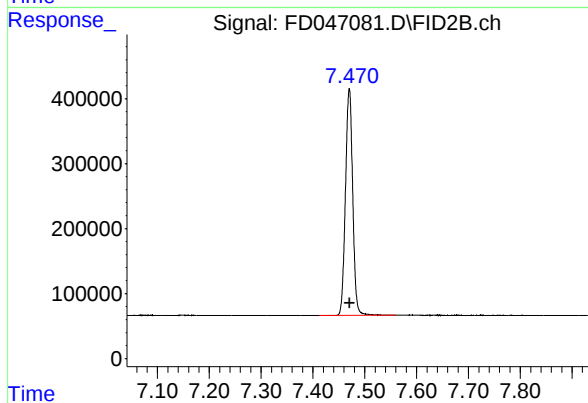
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 3734974
Conc: 20.29 ug/ml



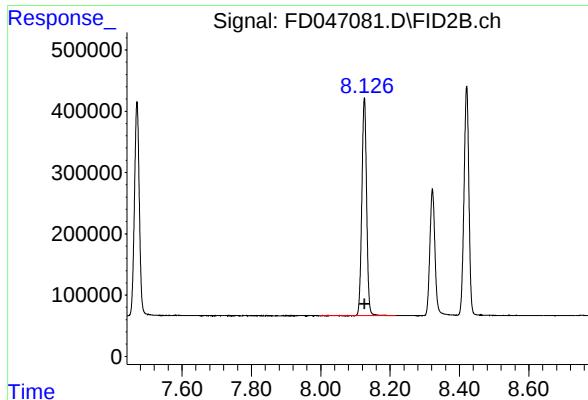
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3737248
Conc: 20.36 ug/ml



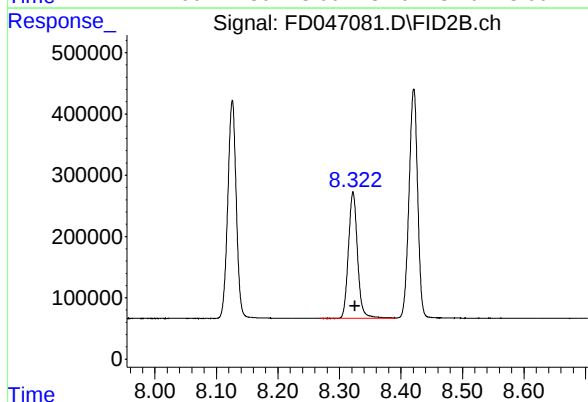
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3385568
Conc: 20.42 ug/ml



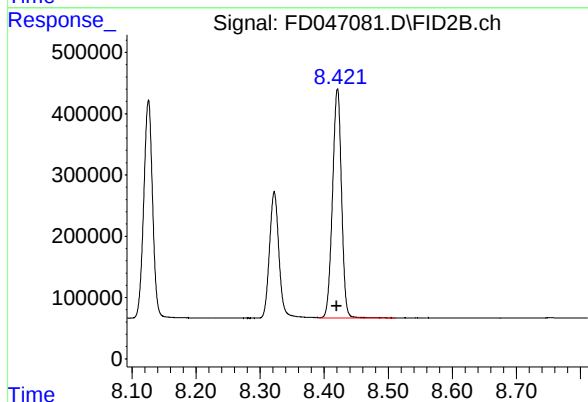
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3402330
Conc: 20.28 ug/ml



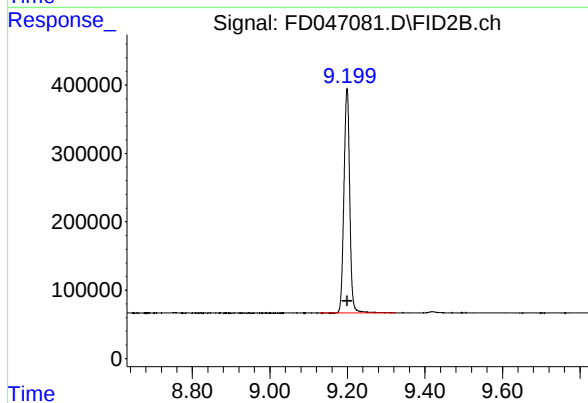
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 2123065
Conc: 20.37 ug/ml



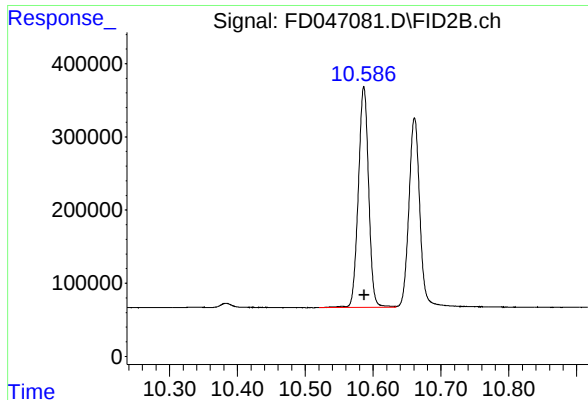
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.001 min
Response: 3660543
Conc: 20.35 ug/ml



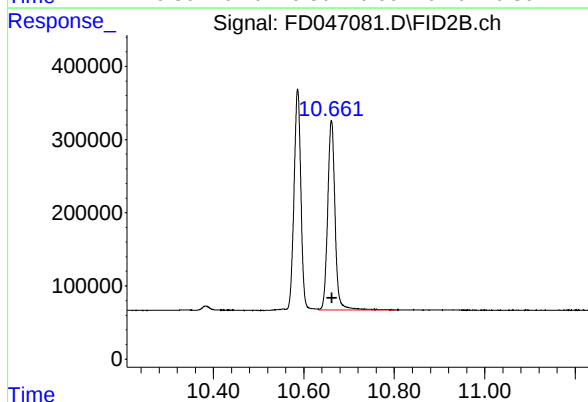
#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: -0.001 min
Response: 3393786
Conc: 20.48 ug/ml



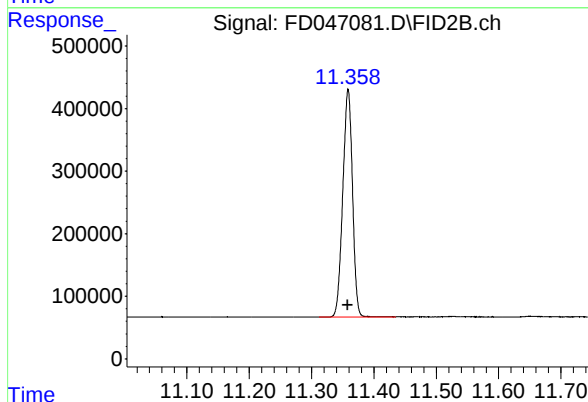
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3181768
Conc: 20.40 ug/ml



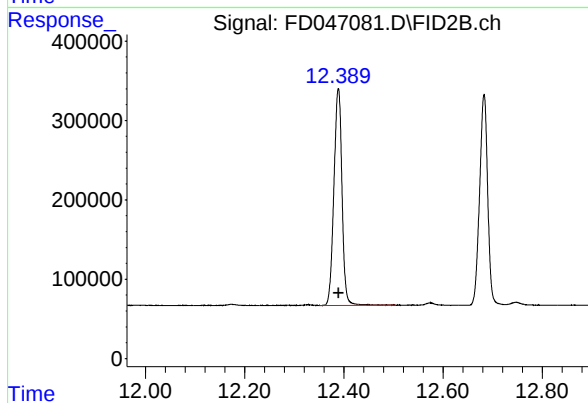
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: -0.001 min
Response: 2933279
Conc: 20.25 ug/ml



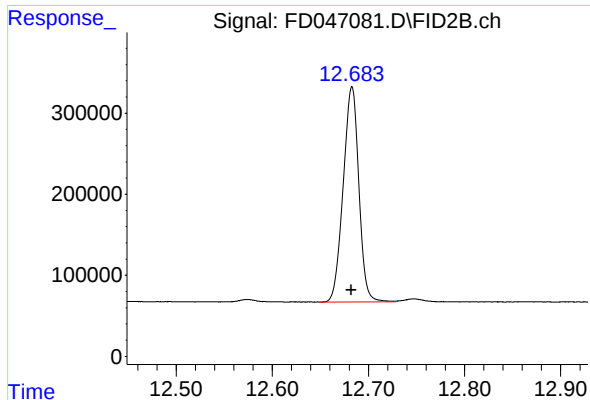
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.001 min
Response: 3933830
Conc: 20.37 ug/ml



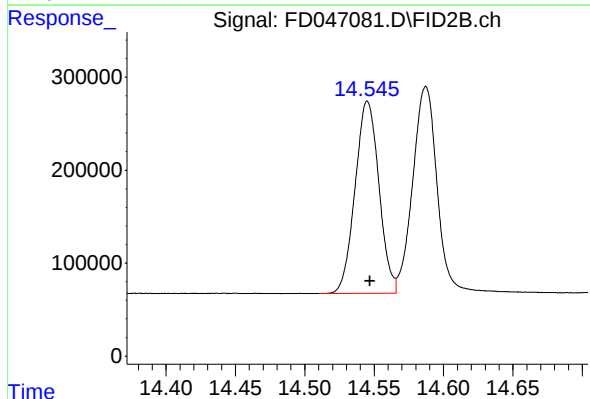
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.000 min
Response: 3093796
Conc: 20.44 ug/ml



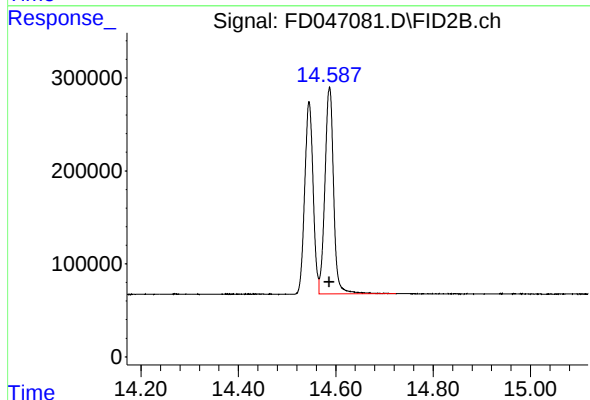
#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 3008256
Conc: 20.51 ug/ml



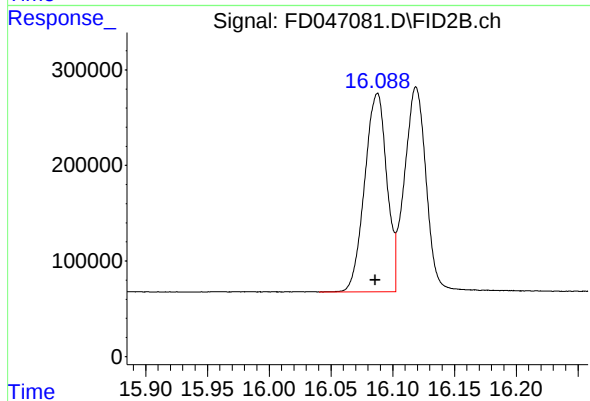
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: -0.002 min
Response: 2470478
Conc: 20.08 ug/ml



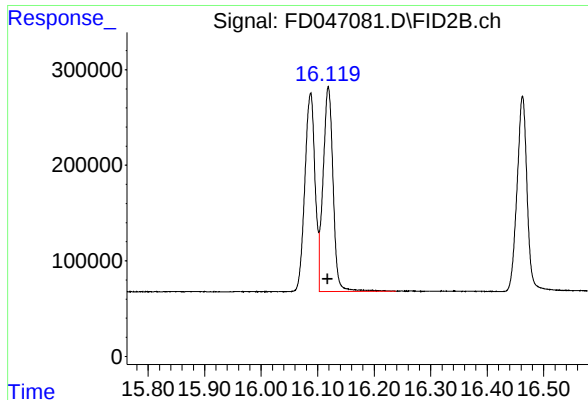
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 2764559
Conc: 19.69 ug/ml



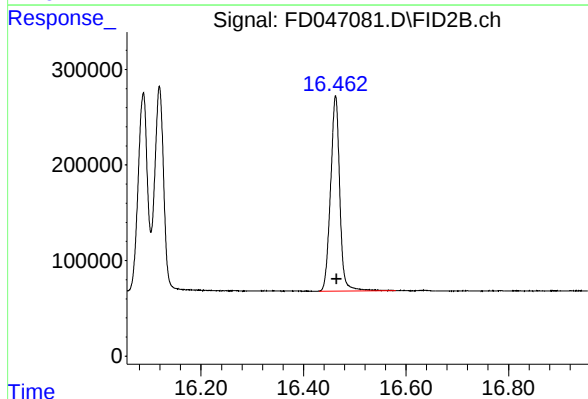
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.001 min
Response: 2598999
Conc: 20.18 ug/ml



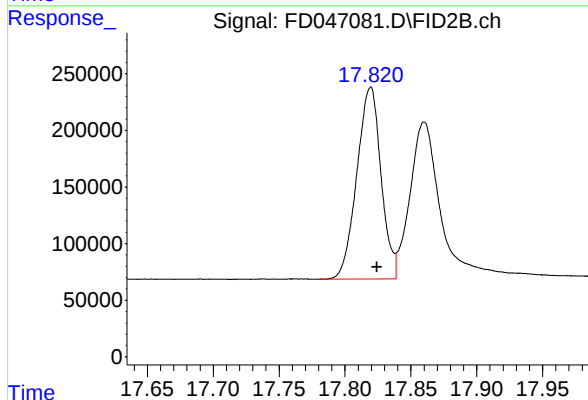
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.001 min
Response: 2646374
Conc: 19.90 ug/ml



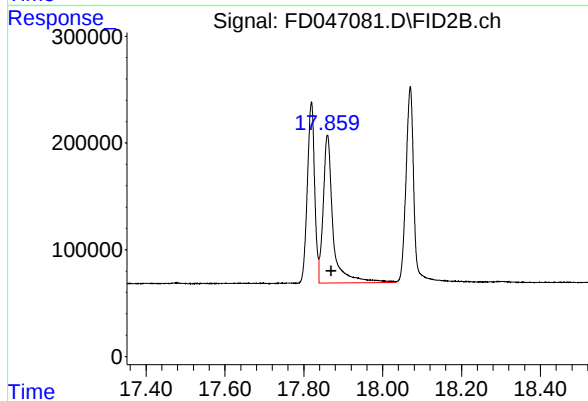
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: -0.003 min
Response: 2545222
Conc: 20.03 ug/ml



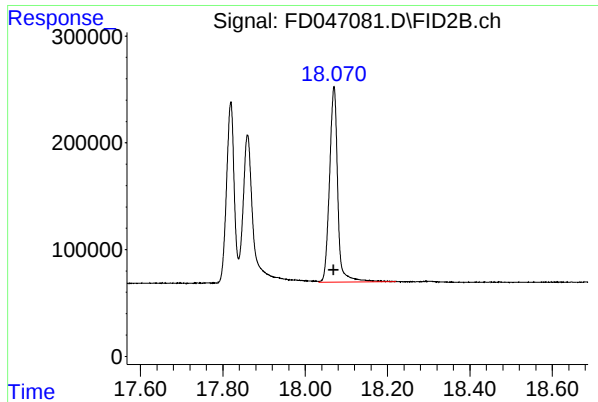
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: -0.005 min
Response: 2163187
Conc: 19.51 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.010 min
Response: 2409941
Conc: 18.86 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2531771
Conc: 19.76 ug/ml