

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012023AR\
 Data File : FD044849.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jan 2023 10:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 03:55:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:44:02 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...	7.665	3424312	19.462 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
6) S 2-Fluorobiphenyl (SURR)	8.521	2341350	19.396 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.79%
11) S ortho-Terphenyl (SURR)	11.549	4461083	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.485	3648225	19.497 ug/ml
2) T Naphthalene (C11.7)	6.013	3885731	19.478 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	3942477	19.440 ug/ml
5) T Acenaphthylene (C15.06)	8.326	3666291	19.180 ug/ml
7) T Acenaphthene (C15.5)	8.620	3878808	19.438 ug/ml
8) T Flouorene (C16.55)	9.396	3865813	19.429 ug/ml
9) T Phenanthrene (C19.36)	10.784	3898568	19.424 ug/ml
10) T Anthracene (C19.43)	10.857	3646806	19.033 ug/ml
12) T Fluoranthene (C21.85)	12.584	3895282	19.263 ug/ml
13) T Pyrene (C20.8)	12.879	3809426	19.354 ug/ml
14) T Benzo[a]anthracene (C...	14.737	3476934	19.207 ug/ml
15) T Chrysene (C27.41)	14.779	3619636	19.213 ug/ml
16) T benzo[b]fluoranthene ...	16.277	3468496	19.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	3432943	19.309 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	3352337	19.105 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.007	3153779	18.803 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	3106203	18.762 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	3180123	19.167 ug/ml

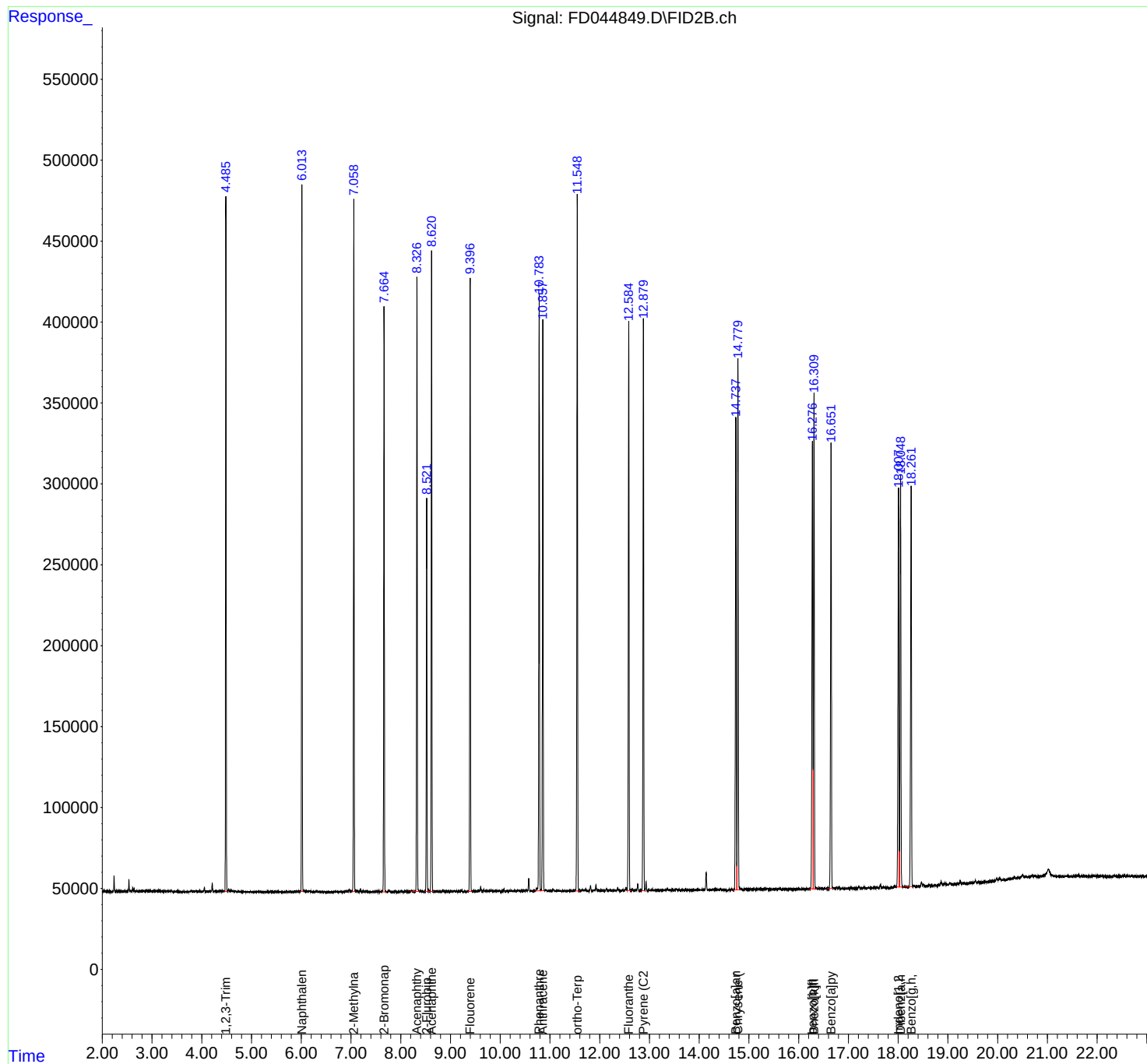
(f)=RT Delta > 1/2 Window

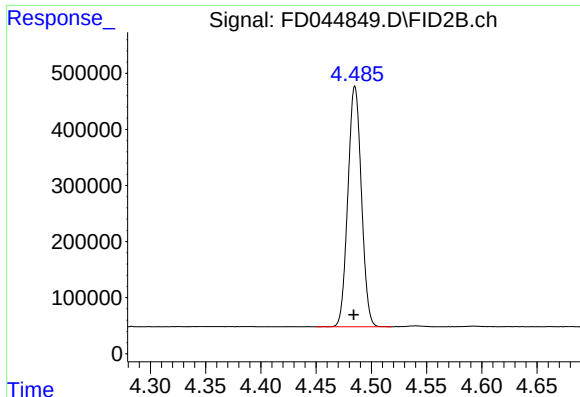
(m)=manual int.

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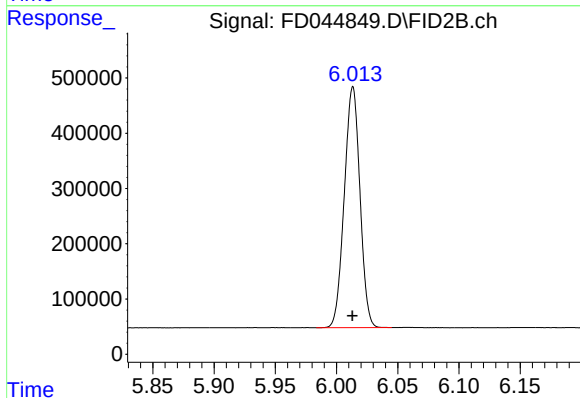
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Signal Info : 20M x 0.18mm x 0.18µm





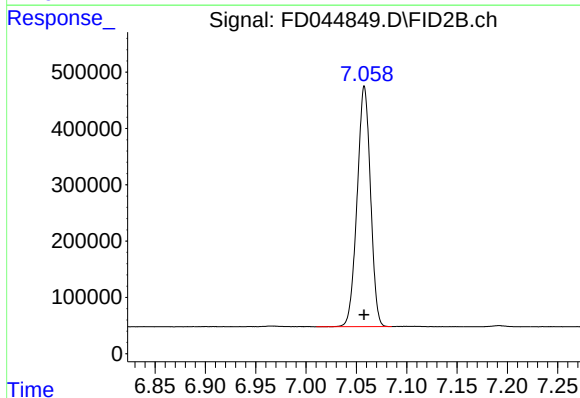
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.485 min
Delta R.T.: 0.001 min
Response: 3648225
Conc: 19.50 ug/ml



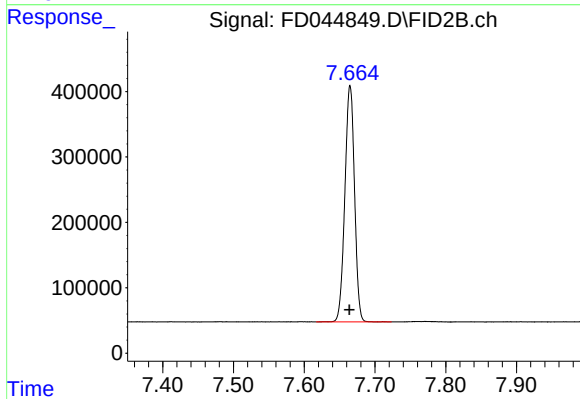
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 3885731
Conc: 19.48 ug/ml



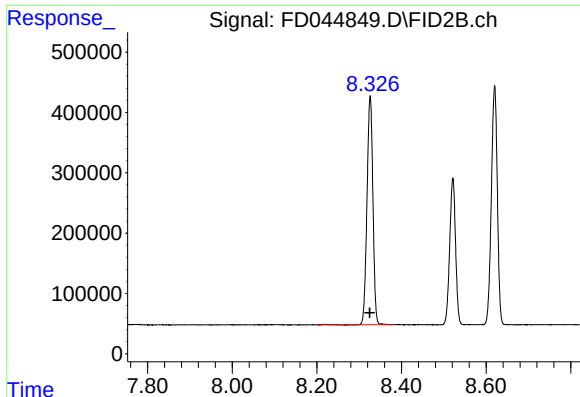
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 3942477
Conc: 19.44 ug/ml



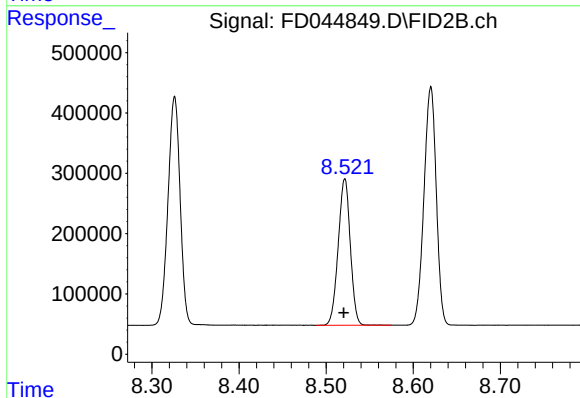
#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 3424312
Conc: 19.46 ug/ml



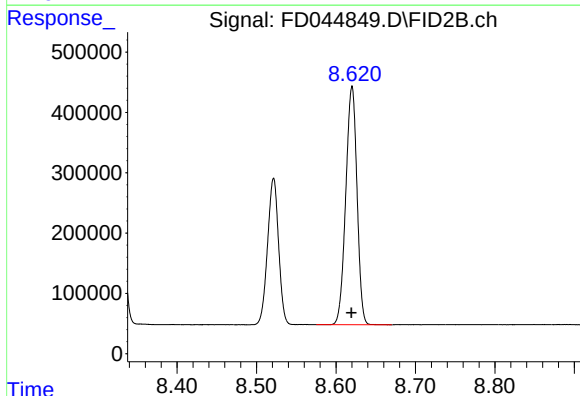
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: 0.001 min
Response: 3666291
Conc: 19.18 ug/ml



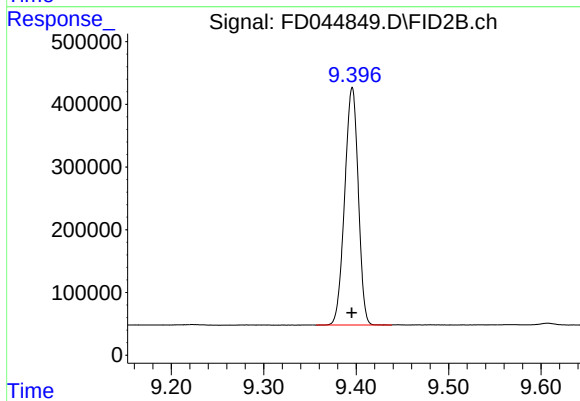
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.001 min
Response: 2341350
Conc: 19.40 ug/ml



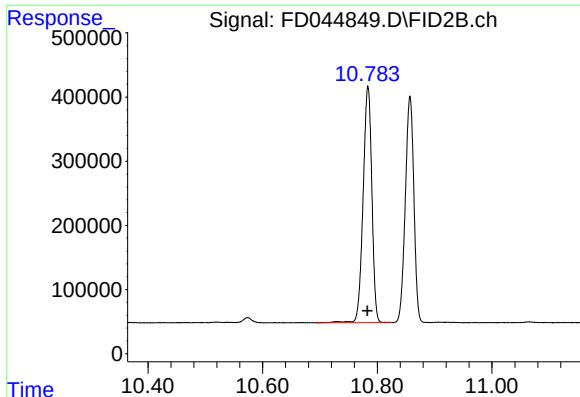
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: 0.000 min
Response: 3878808
Conc: 19.44 ug/ml



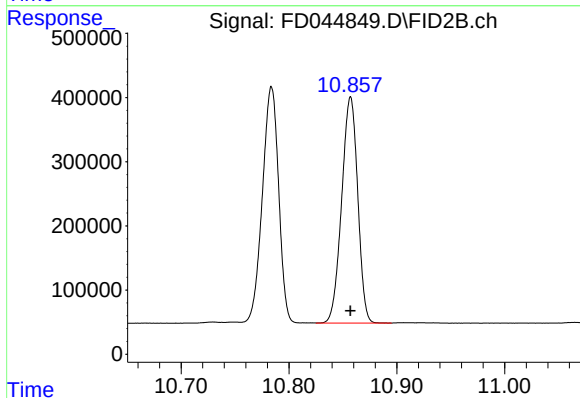
#8 Fluorene (C16.55)

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 3865813
Conc: 19.43 ug/ml



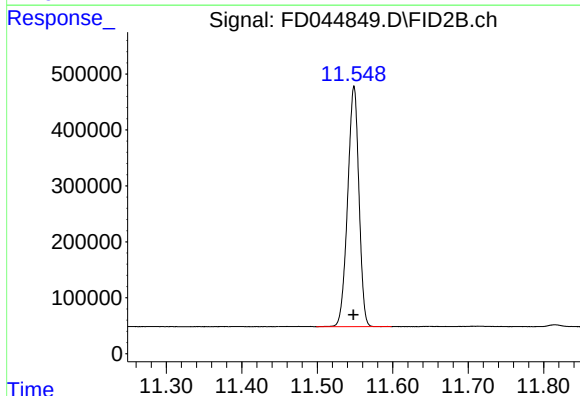
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: 0.000 min
Response: 3898568
Conc: 19.42 ug/ml



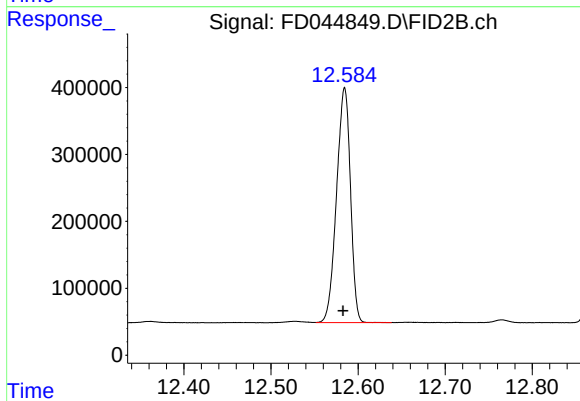
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 3646806
Conc: 19.03 ug/ml



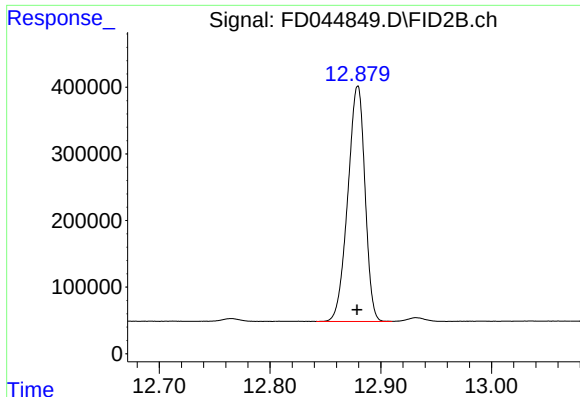
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 4461083
Conc: 19.42 ug/ml



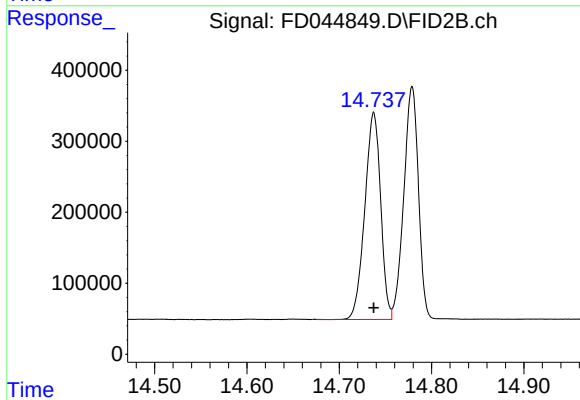
#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: 0.002 min
Response: 3895282
Conc: 19.26 ug/ml



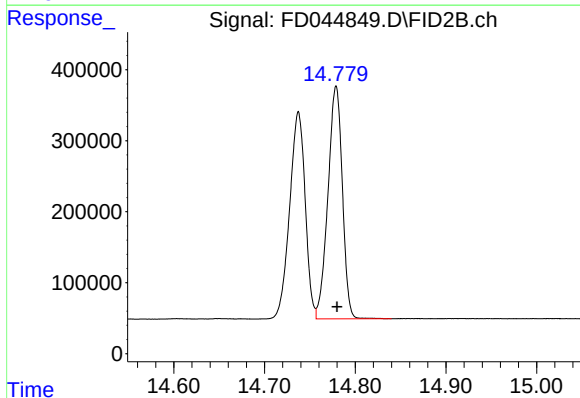
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 3809426
Conc: 19.35 ug/ml



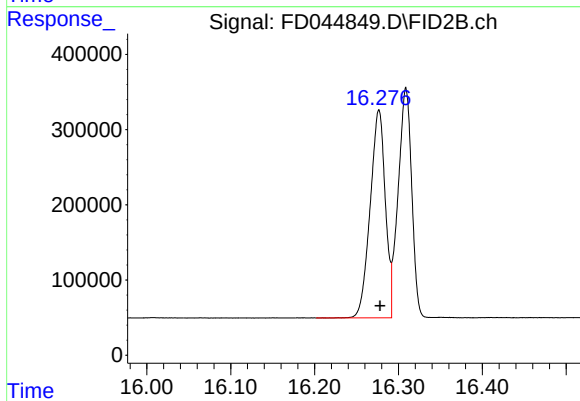
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: 0.000 min
Response: 3476934
Conc: 19.21 ug/ml



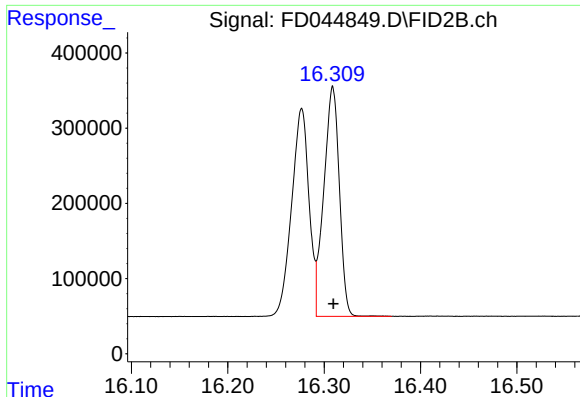
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.001 min
Response: 3619636
Conc: 19.21 ug/ml



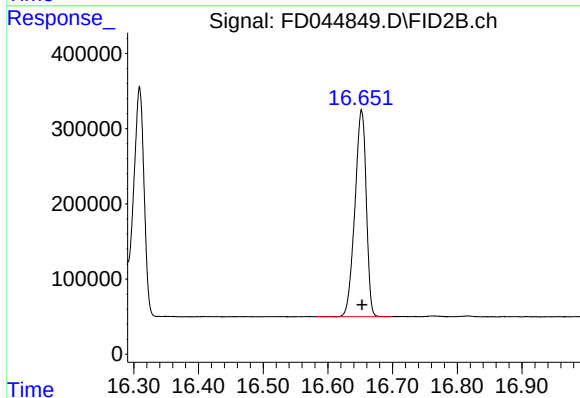
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.277 min
Delta R.T.: -0.001 min
Response: 3468496
Conc: 19.20 ug/ml



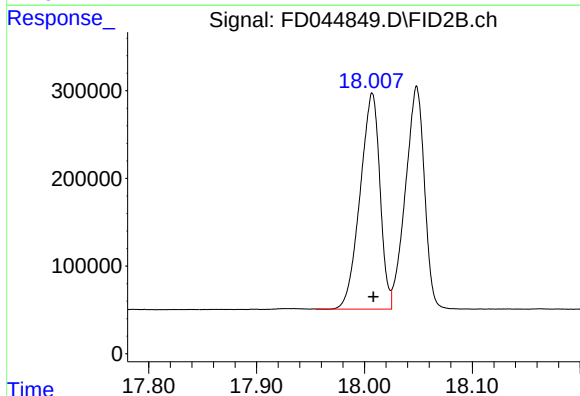
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.309 min
Delta R.T.: 0.000 min
Response: 3432943
Conc: 19.31 ug/ml



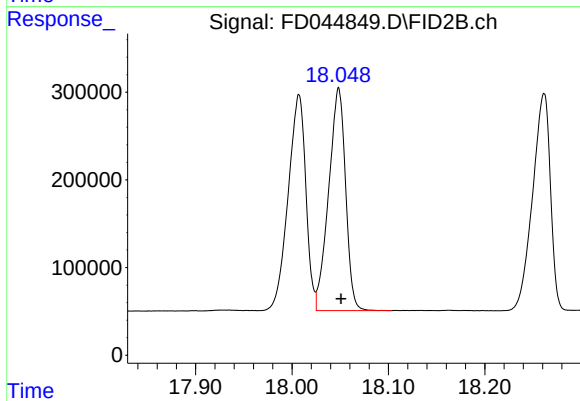
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.001 min
Response: 3352337
Conc: 19.10 ug/ml



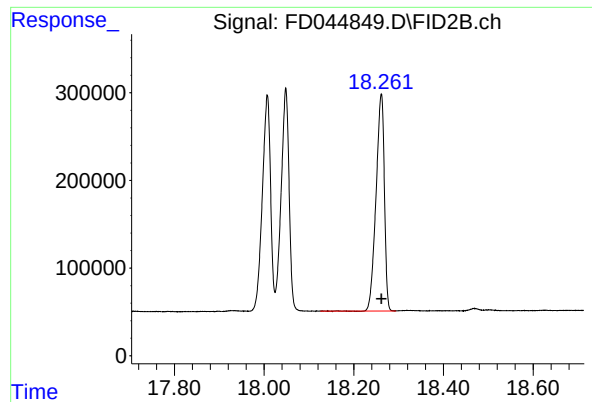
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.007 min
Delta R.T.: -0.002 min
Response: 3153779
Conc: 18.80 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.002 min
Response: 3106203
Conc: 18.76 ug/ml



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

R.T.: 18.261 min
Delta R.T.: 0.000 min
Response: 3180123
Conc: 19.17 ug/ml