

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071422AR\
 Data File : FD043251.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2022 23:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 23:25:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.623	3528845	22.854 ug/ml
Spiked Amount 50.000		Recovery =	45.71%
6) S 2-Fluorobiphenyl (SURR)	8.485	2298702	21.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.59%
11) S ortho-Terphenyl (SURR)	11.531	4292798	23.619 ug/ml
Spiked Amount 50.000		Recovery =	47.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	4107564	24.457 ug/mlm
2) T Naphthalene (C11.7)	5.958	4086336	23.341 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	3684560	22.908 ug/ml
5) T Acenaphthylene (C15.06)	8.288	3881190	21.835 ug/ml
7) T Acenaphthene (C15.5)	8.585	4014254	22.924 ug/ml
8) T Flouorene (C16.55)	9.366	3778816	21.800 ug/ml
9) T Phenanthrene (C19.36)	10.763	3641561	21.232 ug/ml
10) T Anthracene (C19.43)	10.837	2868241	16.883 ug/ml
12) T Fluoranthene (C21.85)	12.576	3583073	21.364 ug/ml
13) T Pyrene (C20.8)	12.872	3454730	21.199 ug/ml
14) T Benzo[a]anthracene (C...	14.744	3100527	19.965 ug/mlm
15) T Chrysene (C27.41)	14.787	3376052	21.390 ug/ml
16) T benzo[b]fluoranthene ...	16.296	3211151	21.066 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.328	3222837	22.020 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2837683	19.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	2258769	18.050 ug/mlm
20) T Dibenz[a,h]anthracene...	18.078	3136132	23.328 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	2932056	22.480 ug/ml

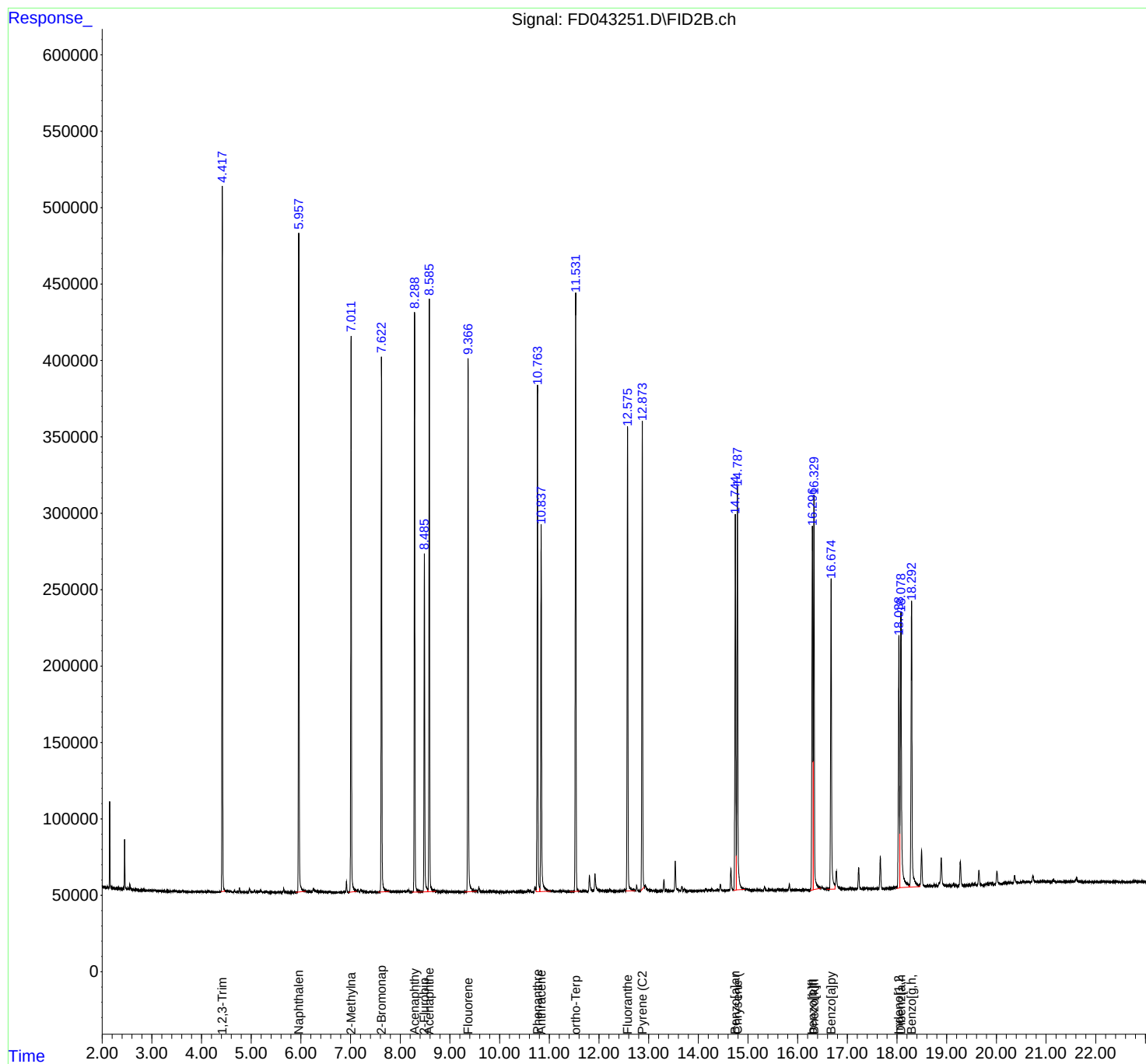
(f)=RT Delta > 1/2 Window

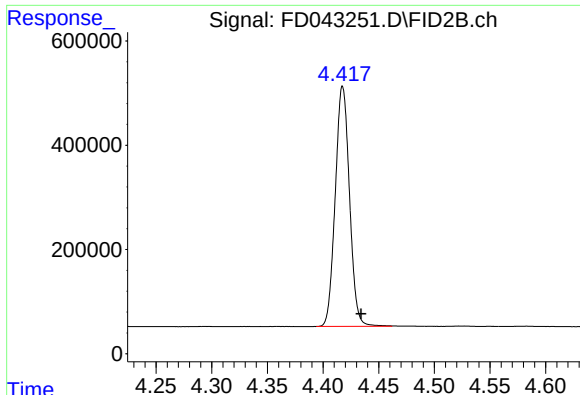
(m)=manual int.

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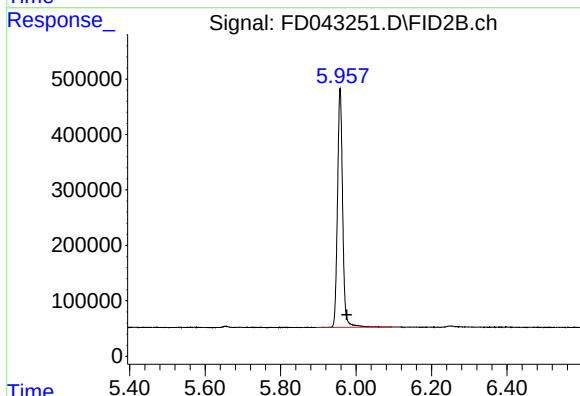
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





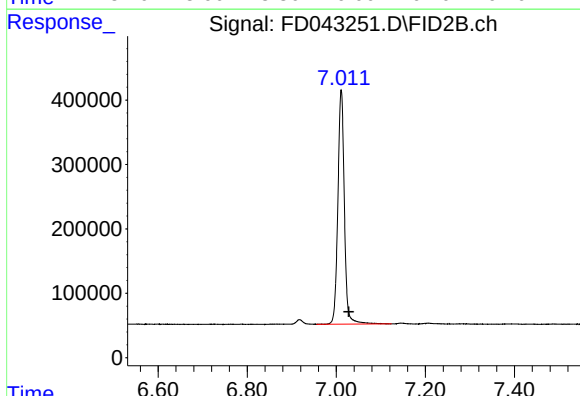
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: -0.017 min
Response: 4107564
Conc: 24.46 ug/ml m



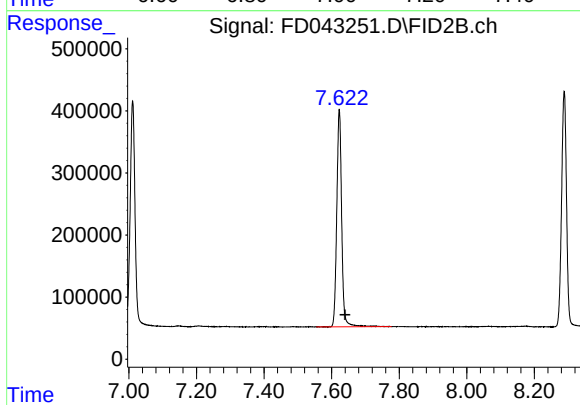
#2 Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.017 min
Response: 4086336
Conc: 23.34 ug/ml



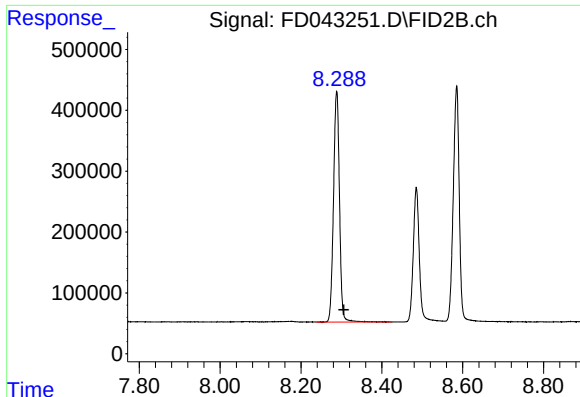
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.017 min
Response: 3684560
Conc: 22.91 ug/ml



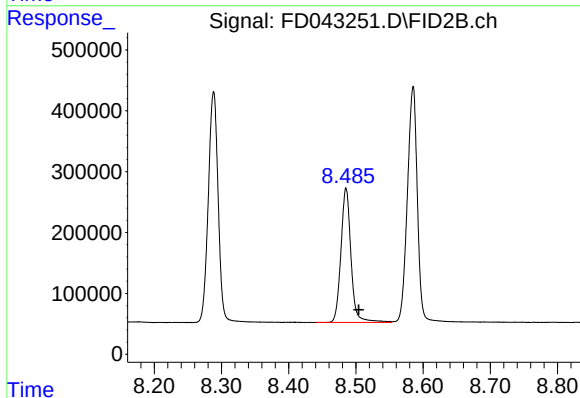
#4 2-Bromonaphthalene (SURR)

R.T.: 7.623 min
Delta R.T.: -0.017 min
Response: 3528845
Conc: 22.85 ug/ml



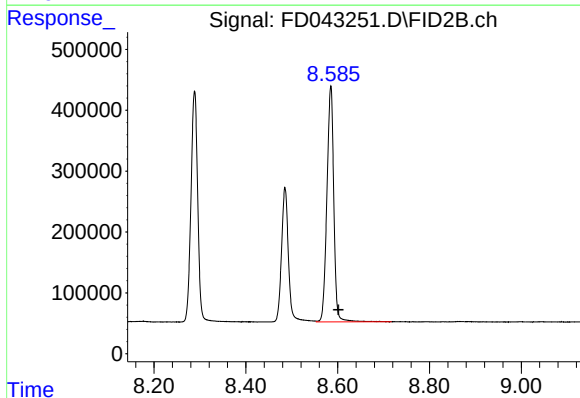
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: -0.018 min
Response: 3881190
Conc: 21.84 ug/ml



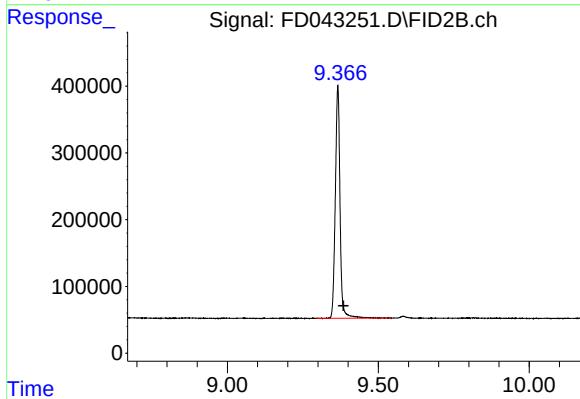
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 2298702
Conc: 21.79 ug/ml



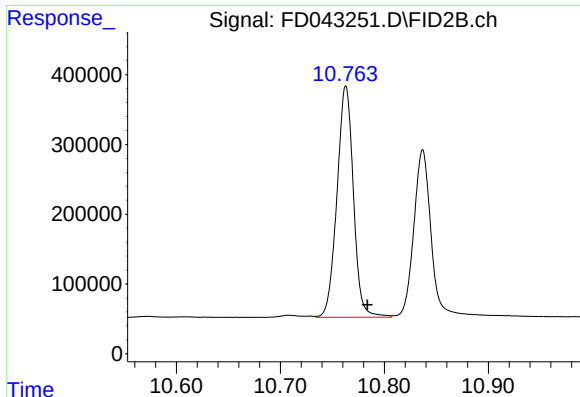
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.017 min
Response: 4014254
Conc: 22.92 ug/ml



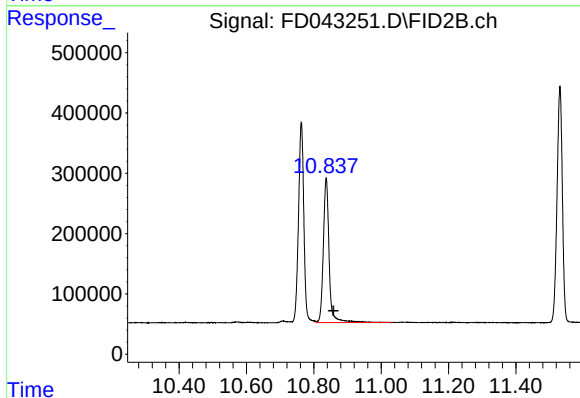
#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: -0.019 min
Response: 3778816
Conc: 21.80 ug/ml



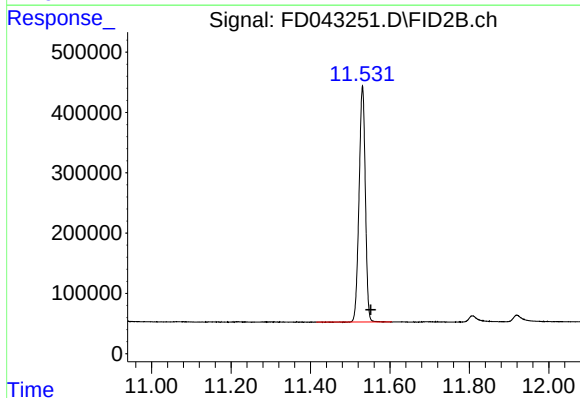
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.021 min
Response: 3641561
Conc: 21.23 ug/ml



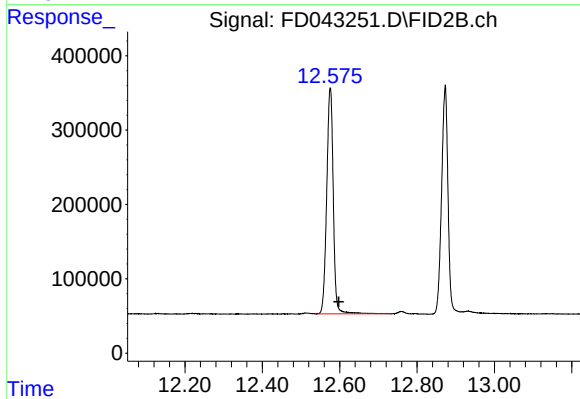
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: -0.021 min
Response: 2868241
Conc: 16.88 ug/ml



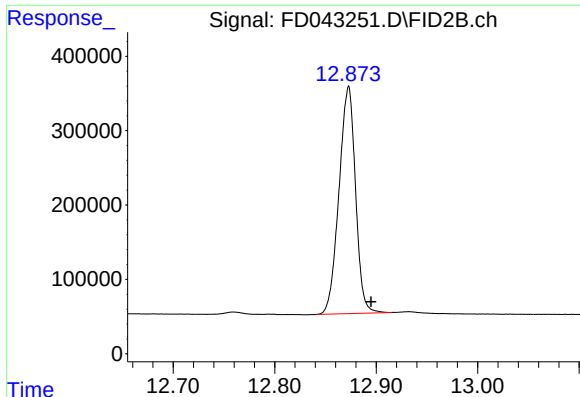
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.021 min
Response: 4292798
Conc: 23.62 ug/ml



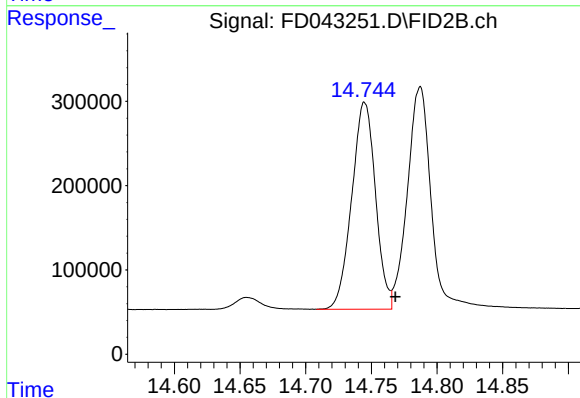
#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.022 min
Response: 3583073
Conc: 21.36 ug/ml



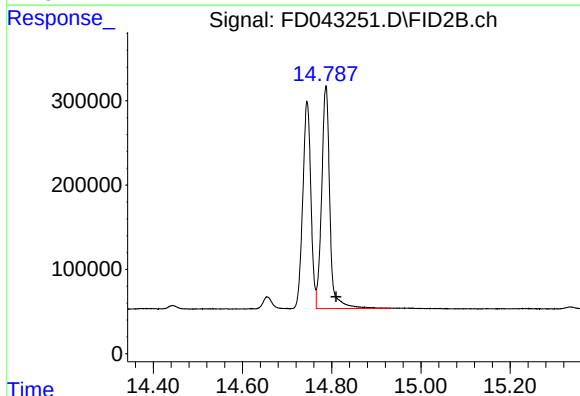
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: -0.023 min
Response: 3454730
Conc: 21.20 ug/ml



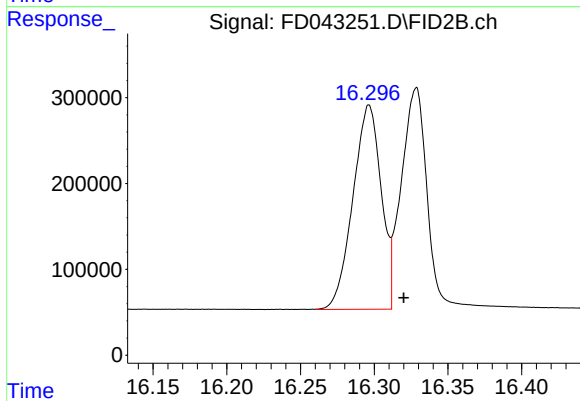
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.024 min
Response: 3100527
Conc: 19.96 ug/ml m



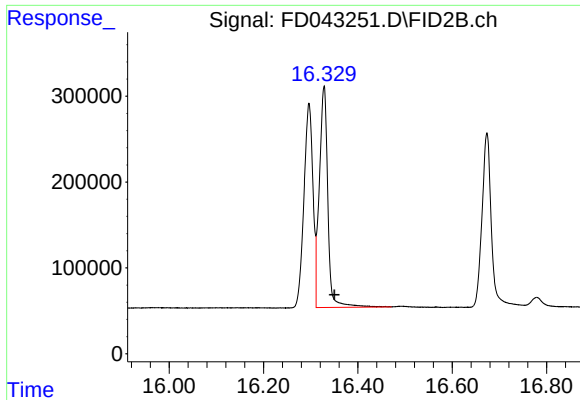
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 3376052
Conc: 21.39 ug/ml



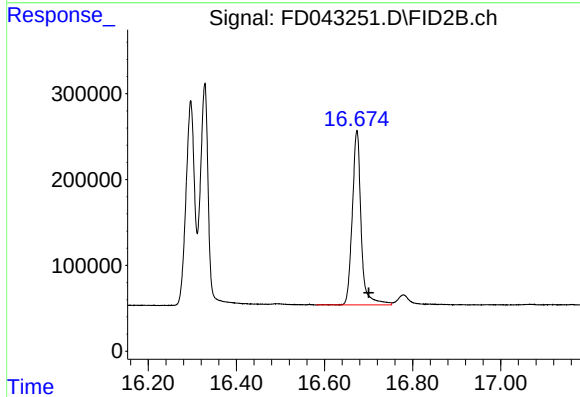
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: -0.024 min
Response: 3211151
Conc: 21.07 ug/ml m



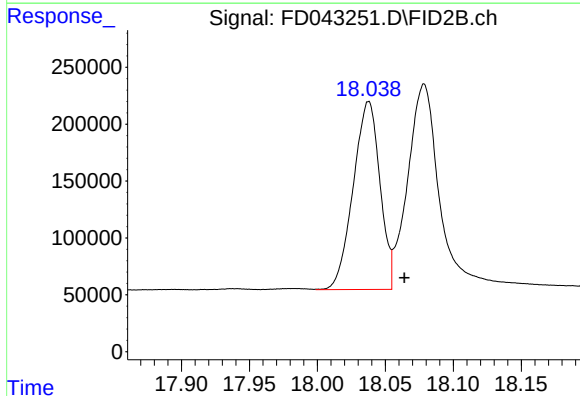
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.328 min
Delta R.T.: -0.023 min
Response: 3222837
Conc: 22.02 ug/ml



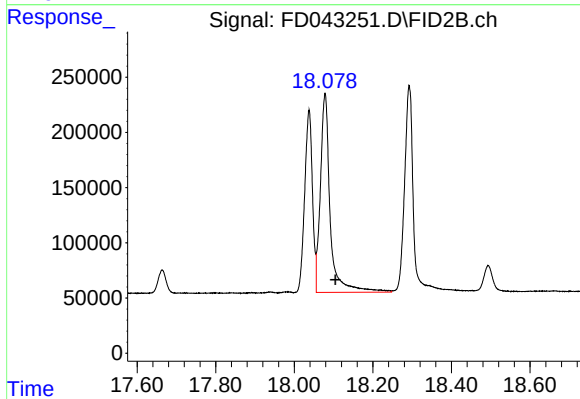
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 2837683
Conc: 19.84 ug/ml



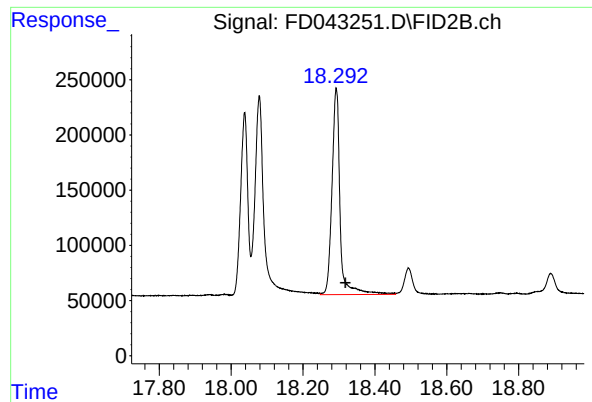
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: -0.026 min
Response: 2258769
Conc: 18.05 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: -0.027 min
Response: 3136132
Conc: 23.33 ug/ml



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

R.T.: 18.292 min
Delta R.T.: -0.026 min
Response: 2932056
Conc: 22.48 ug/ml