

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071422AR\
 Data File : FD043252.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2022 22:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 22:44:25 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...	7.621	3331673	21.577 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
6) S 2-Fluorobiphenyl (SURR)	8.484	2155139	20.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.87%
11) S ortho-Terphenyl (SURR)	11.530	4016402	22.099 ug/ml
Spiked Amount 50.000		Recovery =	44.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	3411250	20.311 ug/ml
2) T Naphthalene (C11.7)	5.956	3891646	22.229 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	3485576	21.671 ug/ml
5) T Acenaphthylene (C15.06)	8.287	3712222	20.885 ug/ml
7) T Acenaphthene (C15.5)	8.583	3799349	21.697 ug/ml
8) T Flouorene (C16.55)	9.365	3535334	20.395 ug/ml
9) T Phenanthrene (C19.36)	10.763	3432798	20.015 ug/ml
10) T Anthracene (C19.43)	10.836	3078044	18.117 ug/ml
12) T Fluoranthene (C21.85)	12.575	3343229	19.934 ug/ml
13) T Pyrene (C20.8)	12.872	3227539	19.805 ug/ml
14) T Benzo[a]anthracene (C...	14.787	3160397	20.350 ug/ml
15) T Chrysene (C27.41)	14.787	3160397	20.024 ug/ml
16) T benzo[b]fluoranthene ...	16.327	2922831	19.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2922831	19.970 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2594419	18.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	2352139	18.797 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	2352139	17.496 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	2497253	19.146 ug/ml

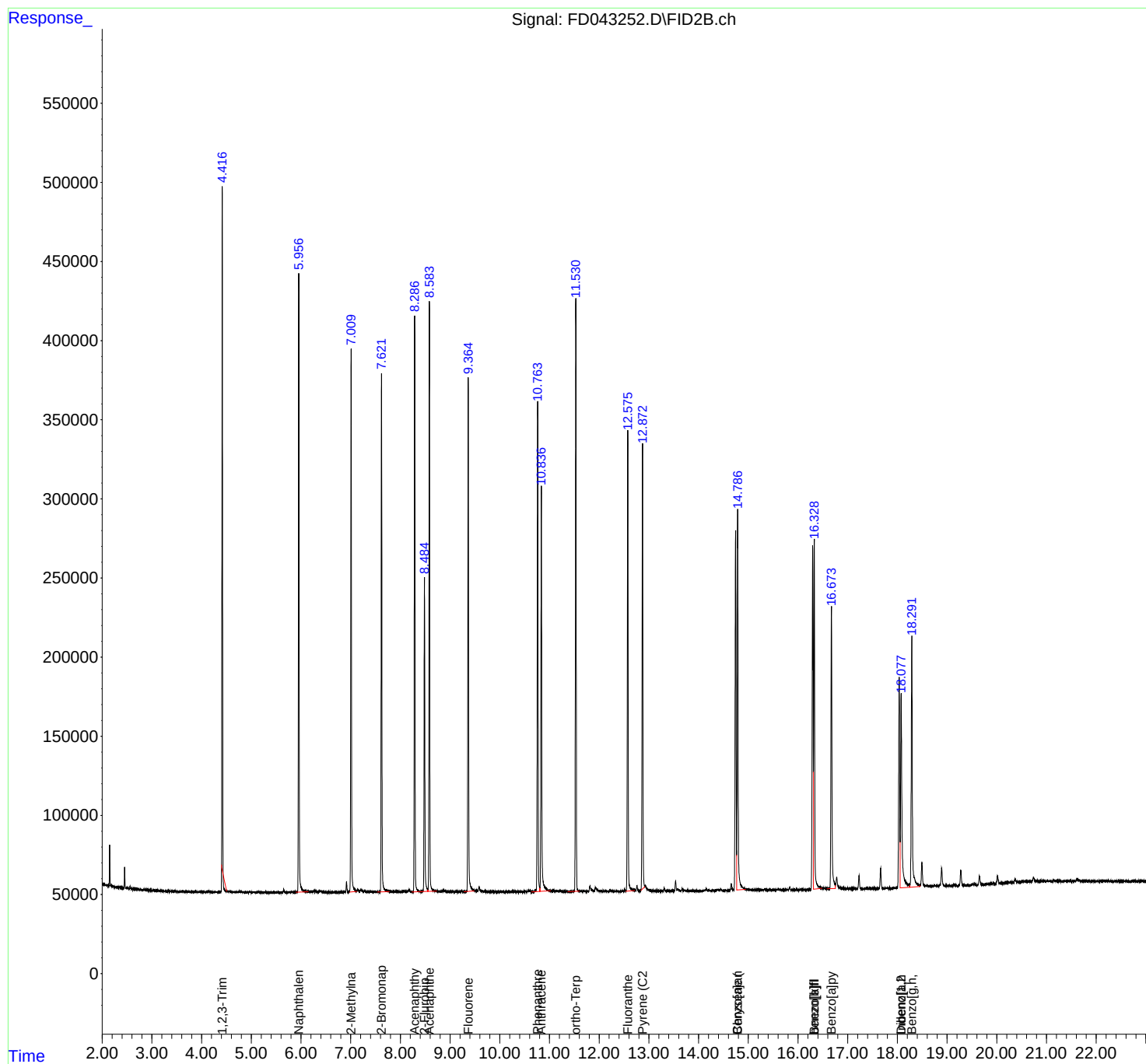
(f)=RT Delta > 1/2 Window

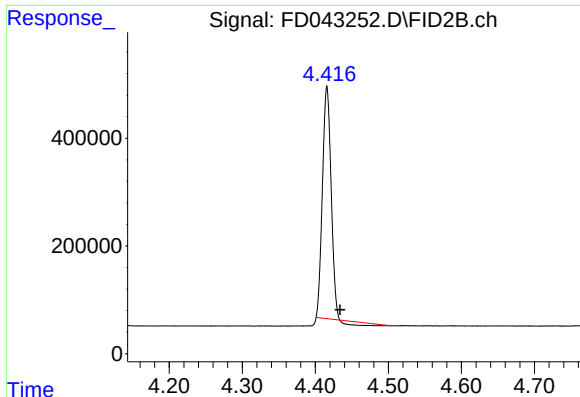
(m)=manual int.

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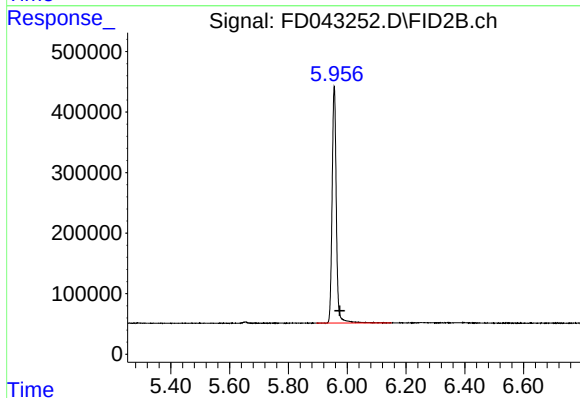
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





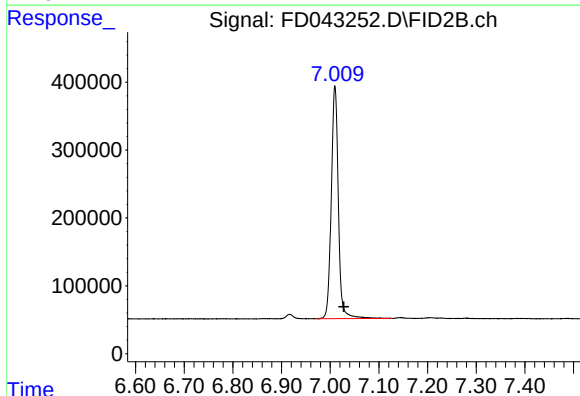
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: -0.018 min
Response: 3411250
Conc: 20.31 ug/ml



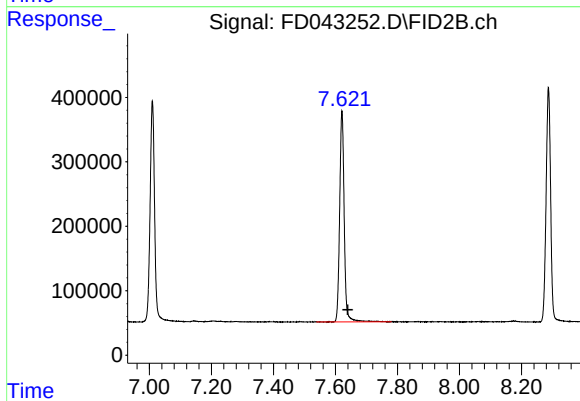
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.019 min
Response: 3891646
Conc: 22.23 ug/ml



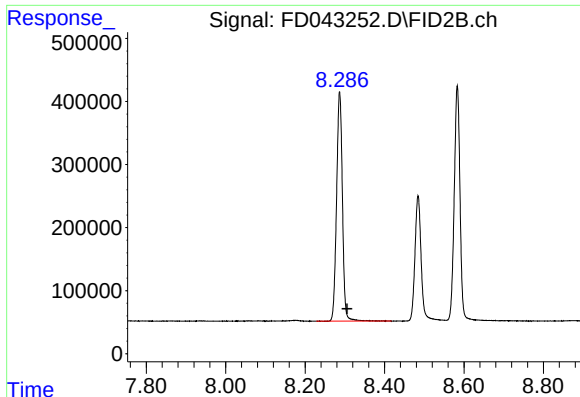
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 3485576
Conc: 21.67 ug/ml



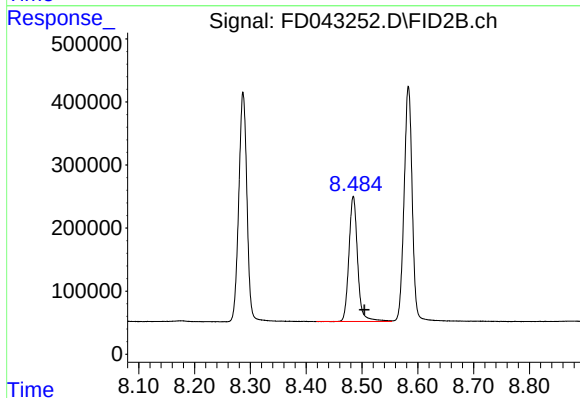
#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: -0.018 min
Response: 3331673
Conc: 21.58 ug/ml



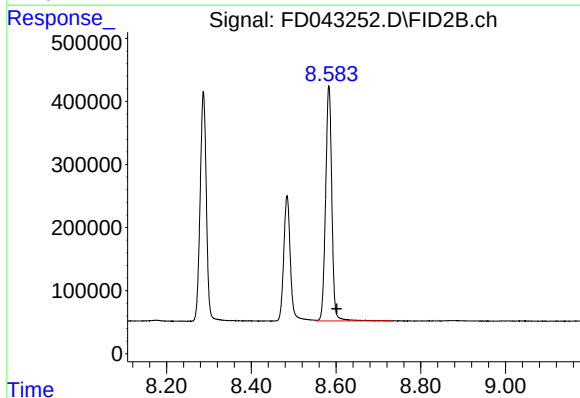
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 3712222
Conc: 20.88 ug/ml



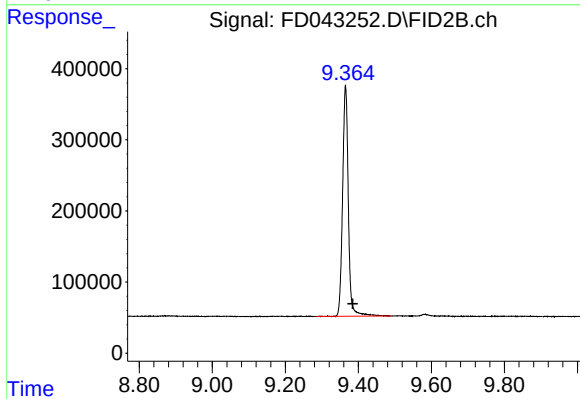
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 2155139
Conc: 20.43 ug/ml



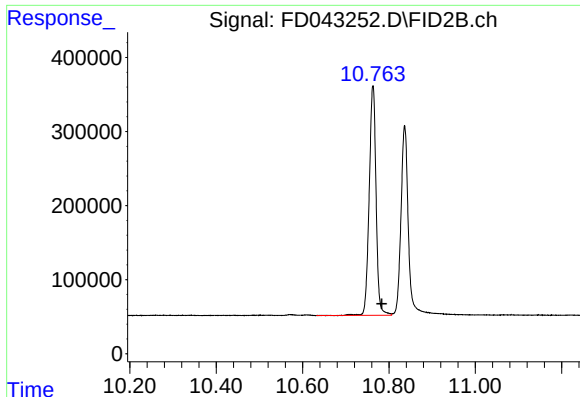
#7 Acenaphthene (C15.5)

R.T.: 8.583 min
Delta R.T.: -0.018 min
Response: 3799349
Conc: 21.70 ug/ml



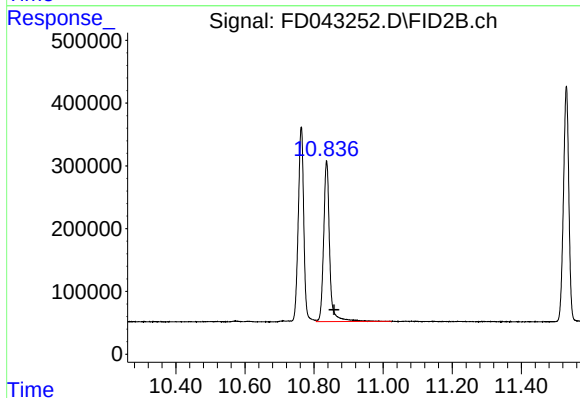
#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.020 min
Response: 3535334
Conc: 20.40 ug/ml



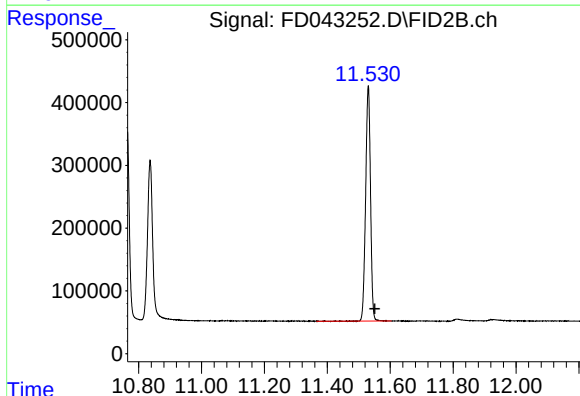
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.021 min
Response: 3432798
Conc: 20.02 ug/ml



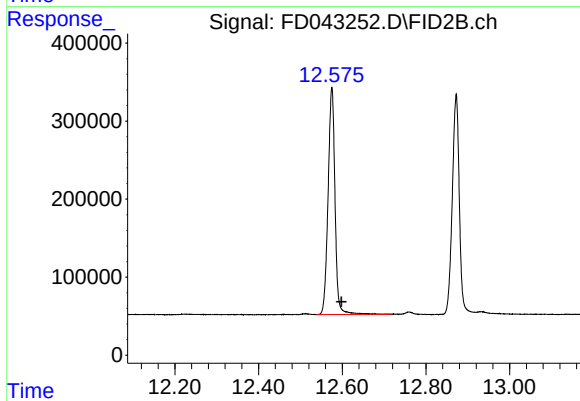
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: -0.022 min
Response: 3078044
Conc: 18.12 ug/ml



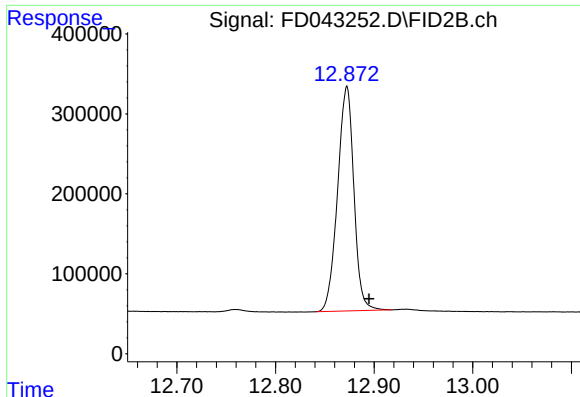
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.021 min
Response: 4016402
Conc: 22.10 ug/ml



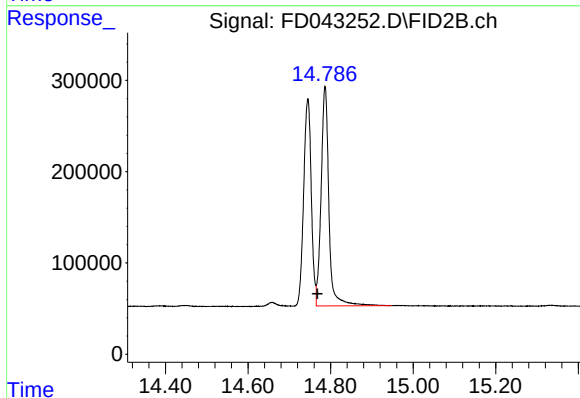
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.023 min
Response: 3343229
Conc: 19.93 ug/ml



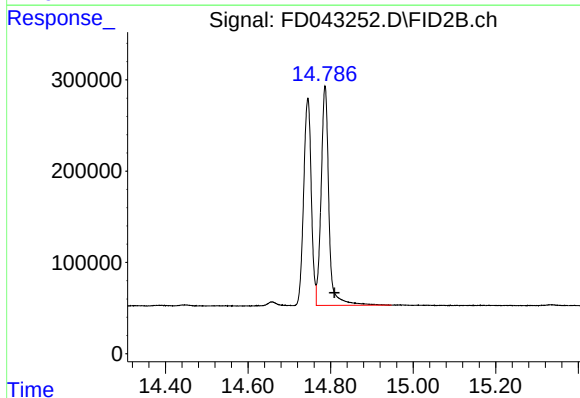
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: -0.023 min
Response: 3227539
Conc: 19.80 ug/ml



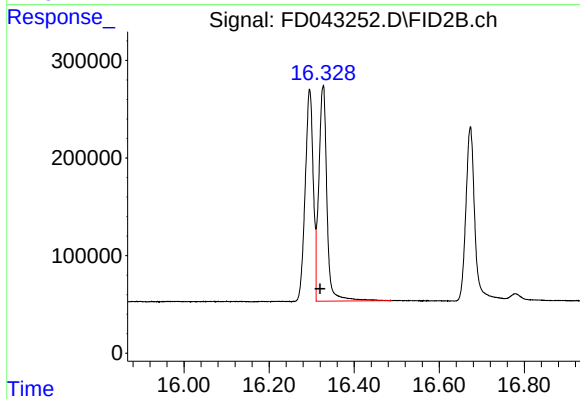
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.018 min
Response: 3160397
Conc: 20.35 ug/ml



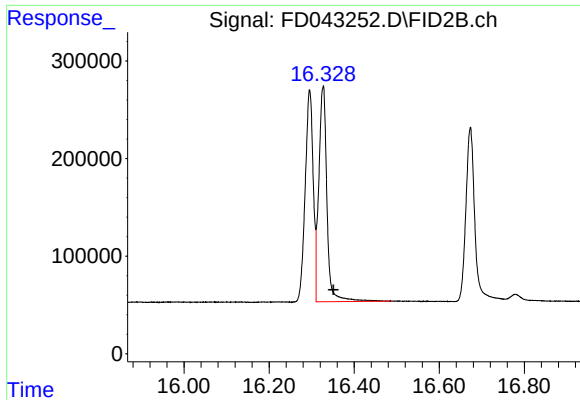
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 3160397
Conc: 20.02 ug/ml



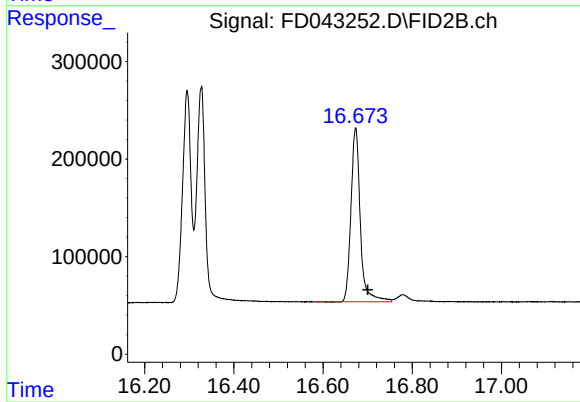
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.327 min
Delta R.T.: 0.007 min
Response: 2922831
Conc: 19.17 ug/ml



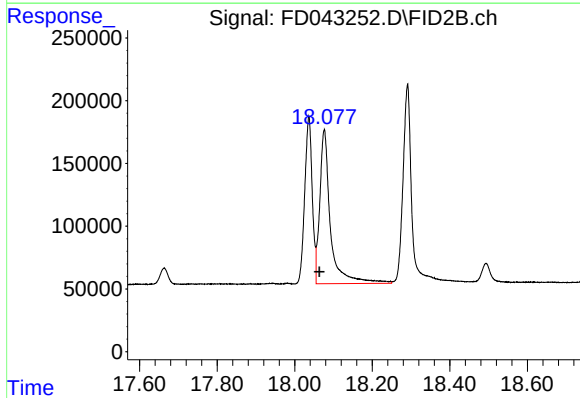
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.024 min
Response: 2922831
Conc: 19.97 ug/ml



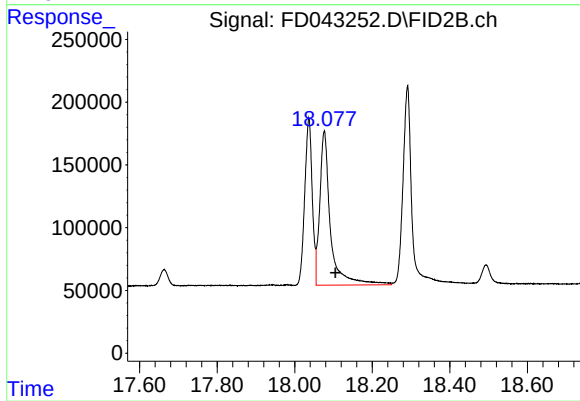
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 2594419
Conc: 18.14 ug/ml



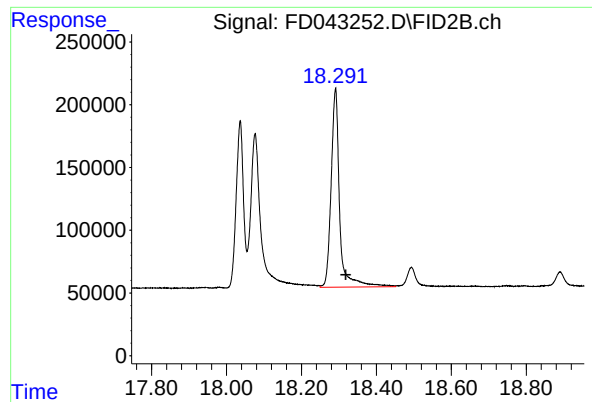
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: 0.012 min
Response: 2352139
Conc: 18.80 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.028 min
Response: 2352139
Conc: 17.50 ug/ml



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

R.T.: 18.291 min
Delta R.T.: -0.028 min
Response: 2497253
Conc: 19.15 ug/ml