

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031023AR\
 Data File : FD045268.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 12:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 03:05:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	2999793	22.105 ug/ml
Spiked Amount 50.000		Recovery =	44.21%
6) S 2-Fluorobiphenyl (SURR)	8.407	1991579	22.244 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.49%
11) S ortho-Terphenyl (SURR)	11.448	3749718	22.527 ug/ml
Spiked Amount 50.000		Recovery =	45.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	3373911	22.277 ug/ml
2) T Naphthalene (C11.7)	5.891	3499957	22.155 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3495869	21.998 ug/ml
5) T Acenaphthylene (C15.06)	8.211	3157445	22.020 ug/ml
7) T Acenaphthene (C15.5)	8.507	3379788	22.299 ug/ml
8) T Fluorene (C16.55)	9.286	3274757	22.242 ug/ml
9) T Phenanthrene (C19.36)	10.677	3163674	22.158 ug/ml
10) T Anthracene (C19.43)	10.751	2804318	20.012 ug/ml
12) T Fluoranthene (C21.85)	12.482	3133661	22.433 ug/ml
13) T Pyrene (C20.8)	12.777	3078902	22.609 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2805113	22.005 ug/ml
15) T Chrysene (C27.41)	14.685	2894812	22.212 ug/ml
16) T benzo[b]fluoranthene ...	16.186	2906536	22.545 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	2884480	22.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2798279	22.233 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	2767898	23.137 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	2864925	23.751 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	2845059	22.866 ug/ml

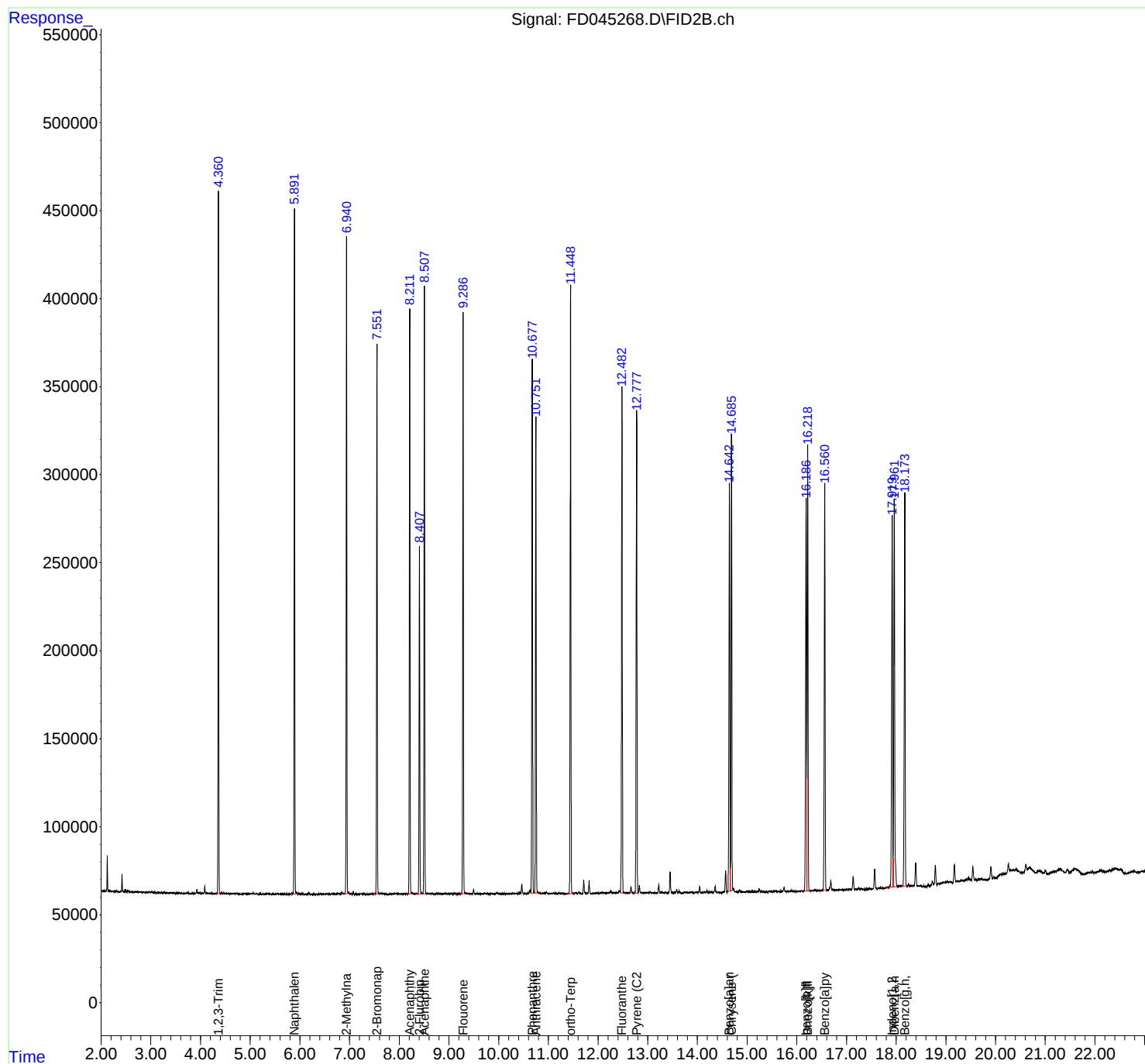
(f)=RT Delta > 1/2 Window

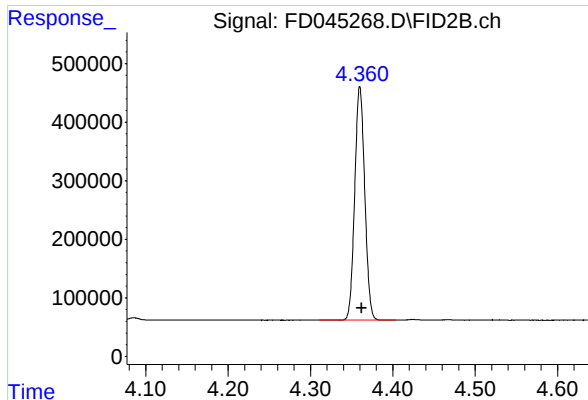
(m)=manual int.

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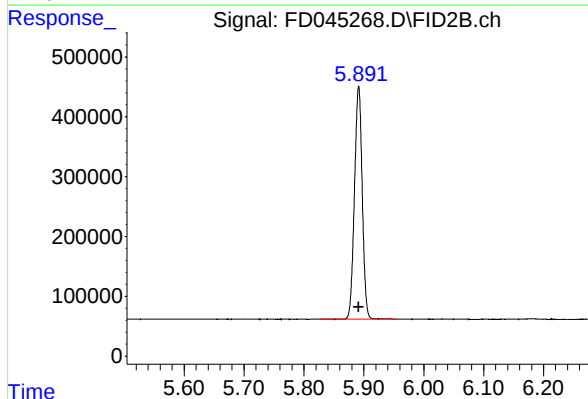
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Signal Info : 20M x 0.18mm x 0.18µm





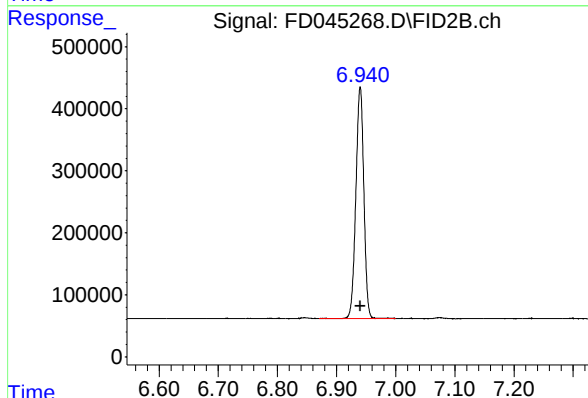
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 3373911
Conc: 22.28 ug/ml



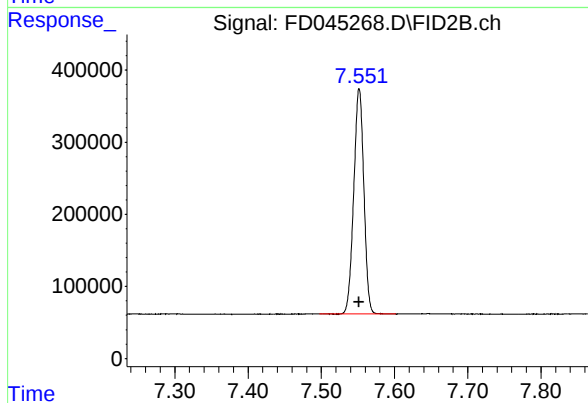
#2 Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 3499957
Conc: 22.15 ug/ml



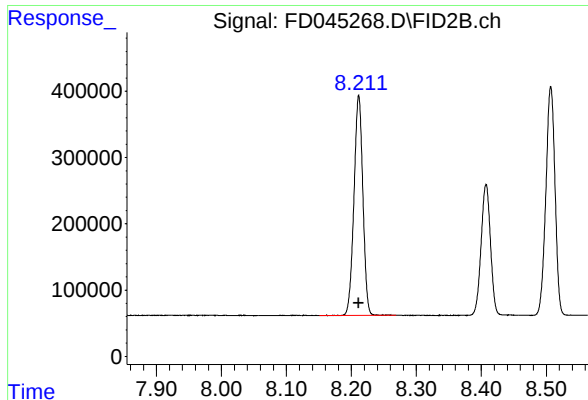
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3495869
Conc: 22.00 ug/ml



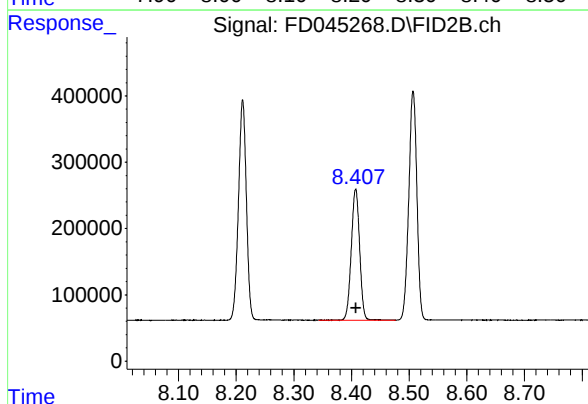
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2999793
Conc: 22.10 ug/ml



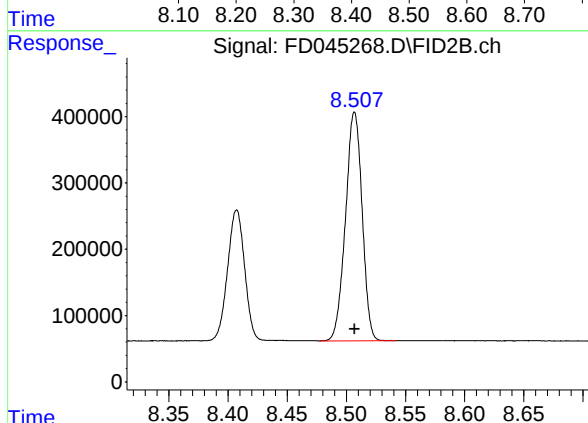
#5 Acenaphthylene (C15.06)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 3157445
Conc: 22.02 ug/ml



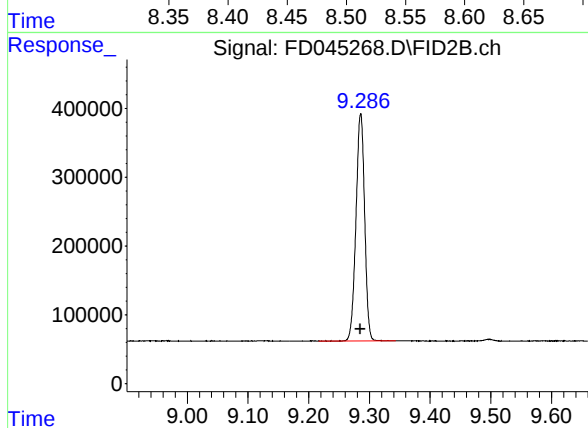
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 1991579
Conc: 22.24 ug/ml



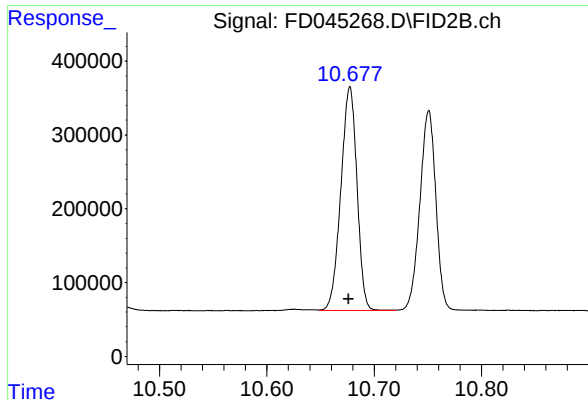
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3379788
Conc: 22.30 ug/ml



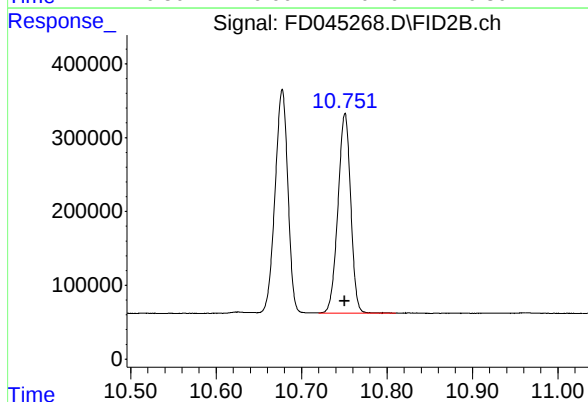
#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 3274757
Conc: 22.24 ug/ml



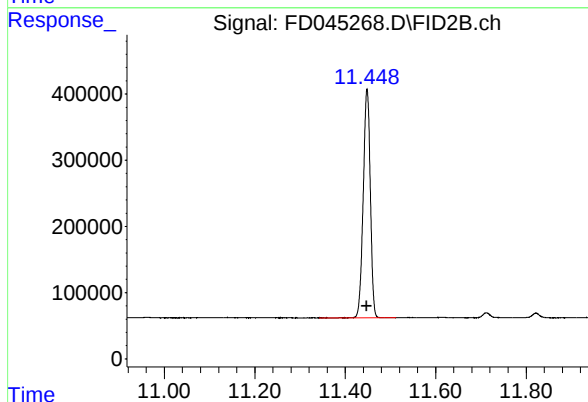
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: 0.001 min
Response: 3163674
Conc: 22.16 ug/ml



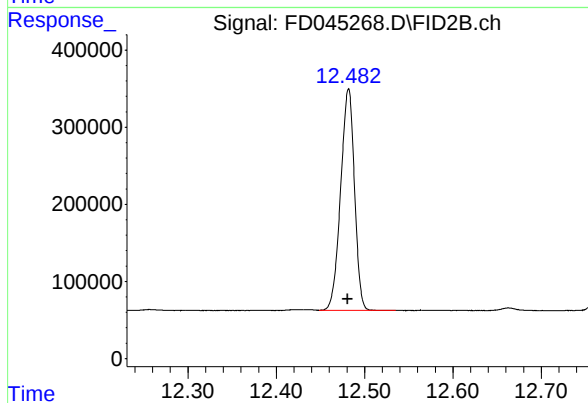
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 2804318
Conc: 20.01 ug/ml



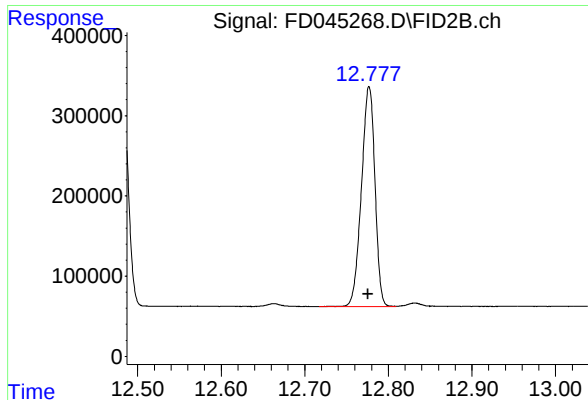
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3749718
Conc: 22.53 ug/ml



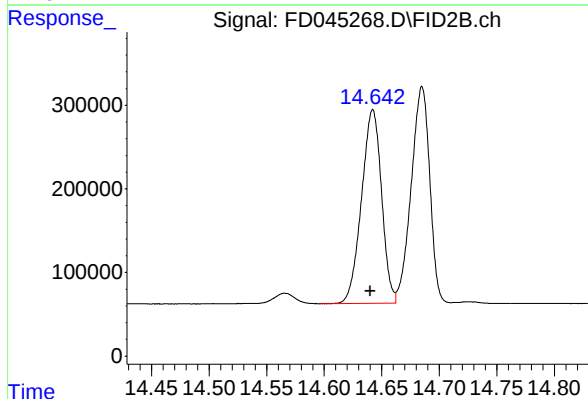
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: 0.000 min
Response: 3133661
Conc: 22.43 ug/ml



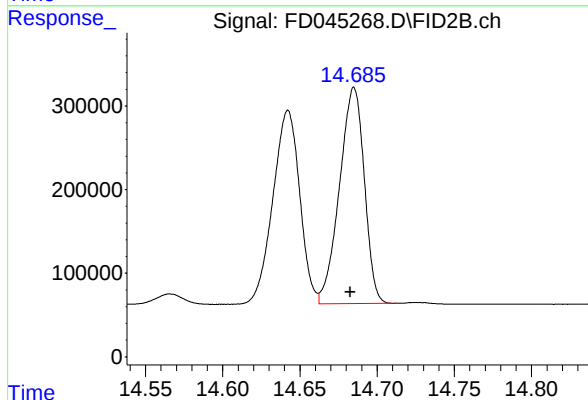
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: 0.001 min
Response: 3078902
Conc: 22.61 ug/ml



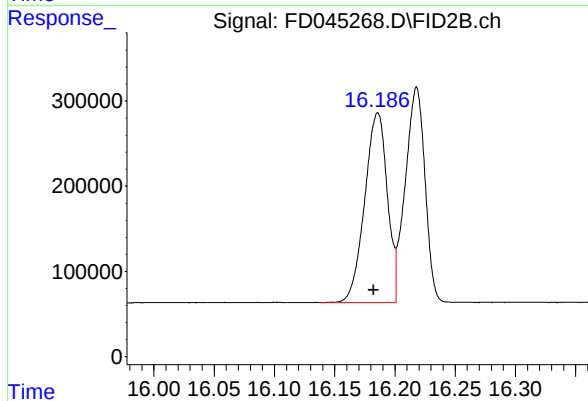
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.002 min
Response: 2805113
Conc: 22.01 ug/ml



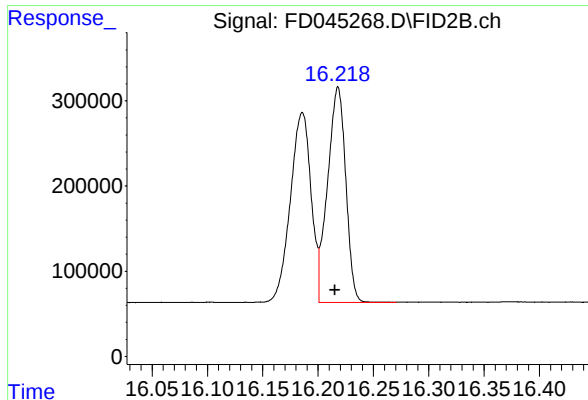
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: 0.002 min
Response: 2894812
Conc: 22.21 ug/ml



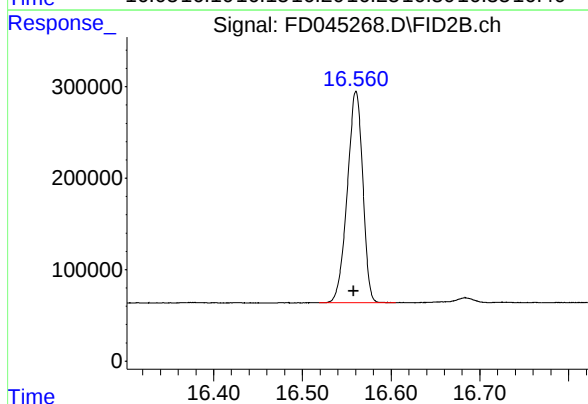
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: 0.003 min
Response: 2906536
Conc: 22.55 ug/ml



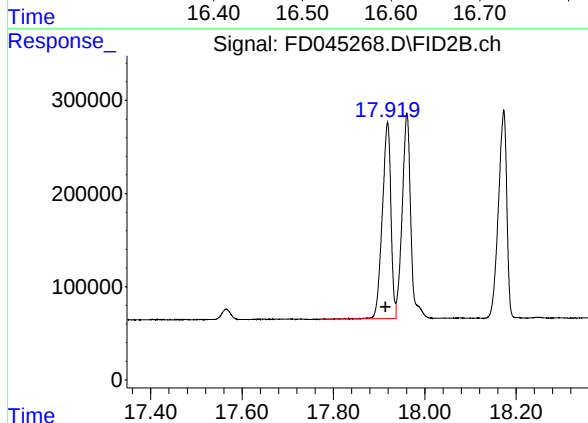
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: 0.002 min
Response: 2884480
Conc: 22.85 ug/ml



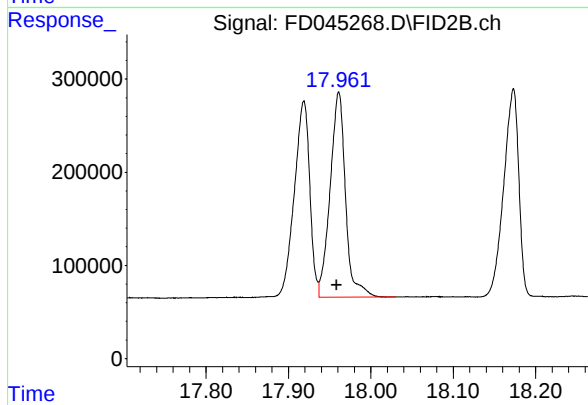
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.003 min
Response: 2798279
Conc: 22.23 ug/ml



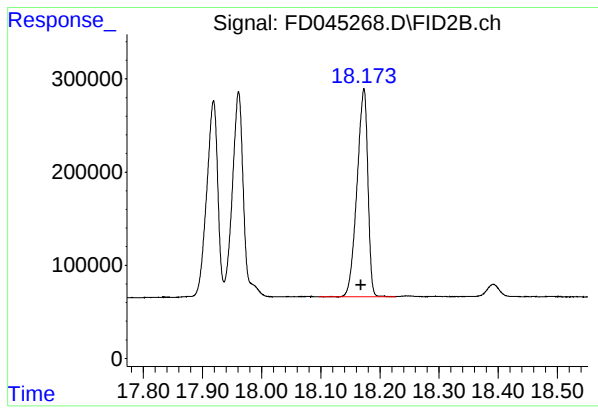
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: 0.004 min
Response: 2767898
Conc: 23.14 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.002 min
Response: 2864925
Conc: 23.75 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.004 min
Response: 2845059
Conc: 22.87 ug/ml