

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032823AR\
 Data File : FD045362.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 21:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:56:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.548	2590022	18.904 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
6) S 2-Fluorobiphenyl (SURR)	8.404	1699992	18.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.93%
11) S ortho-Terphenyl (SURR)	11.444	3277912	18.840 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	2955070	18.969 ug/ml
2) T Naphthalene (C11.7)	5.888	3067182	19.085 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3036105	18.966 ug/ml
5) T Acenaphthylene (C15.06)	8.208	2774583	18.950 ug/ml
7) T Acenaphthene (C15.5)	8.503	2940027	18.955 ug/ml
8) T Fluorene (C16.55)	9.281	2815760	18.988 ug/ml
9) T Phenanthrene (C19.36)	10.672	2729310	18.842 ug/ml
10) T Anthracene (C19.43)	10.746	2616502	18.929 ug/ml
12) T Fluoranthene (C21.85)	12.477	2720593	18.910 ug/ml
13) T Pyrene (C20.8)	12.772	2675502	19.029 ug/ml
14) T Benzo[a]anthracene (C...	14.636	2415402	18.834 ug/ml
15) T Chrysene (C27.41)	14.678	2496459	18.827 ug/ml
16) T benzo[b]fluoranthene ...	16.179	2460807	18.943 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	2405260	18.991 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	2380850	18.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	2155145	18.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	2115984	17.761 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	2306342	18.464 ug/ml

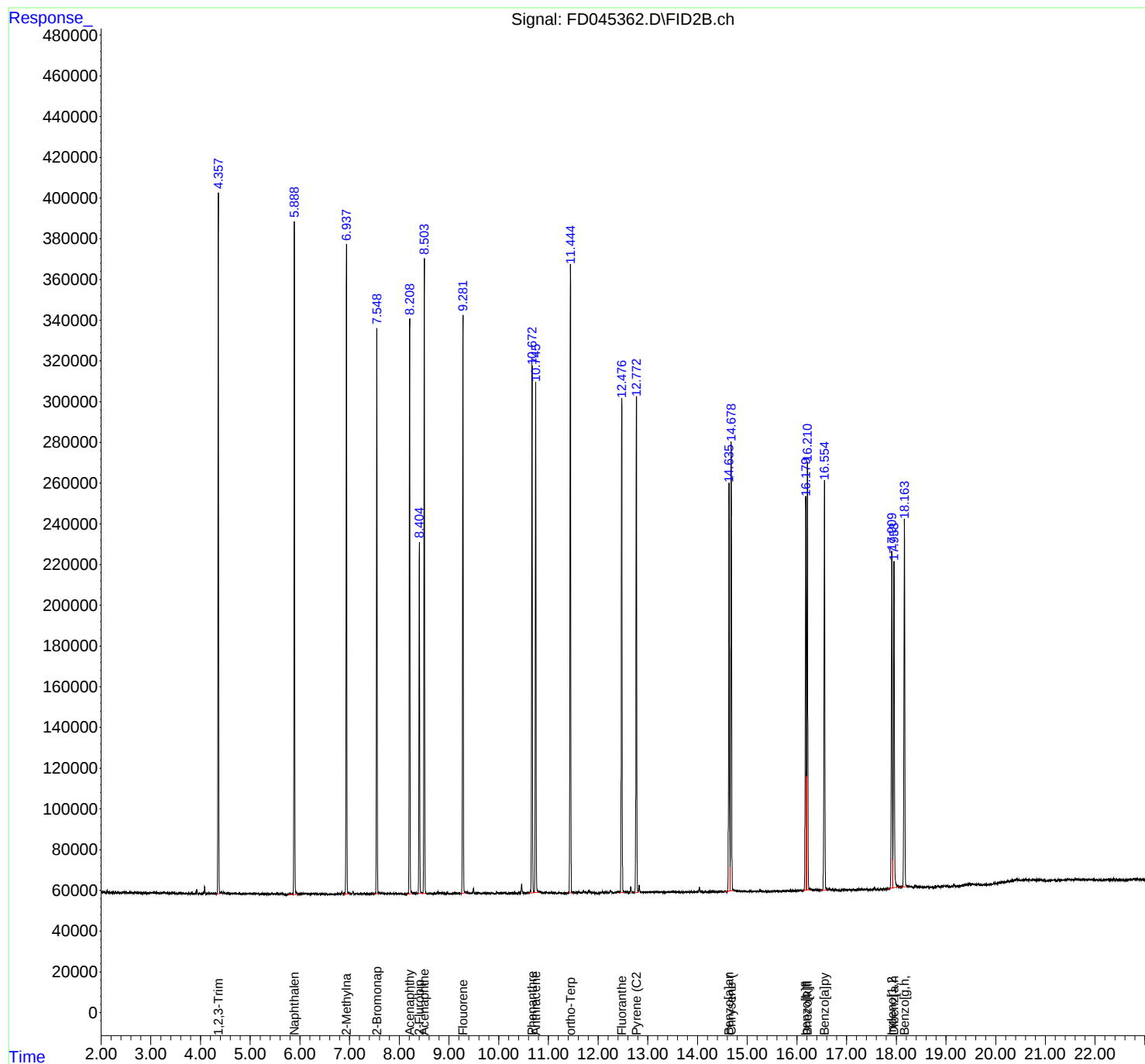
(f)=RT Delta > 1/2 Window

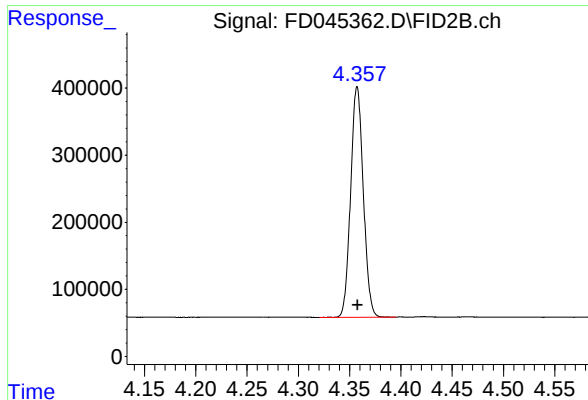
(m)=manual int.

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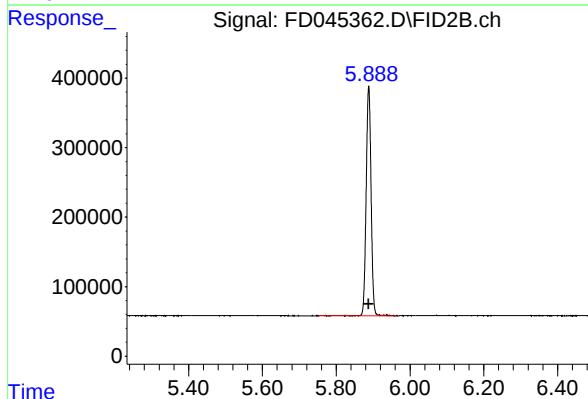
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Signal Info : 20M x 0.18mm x 0.18µm





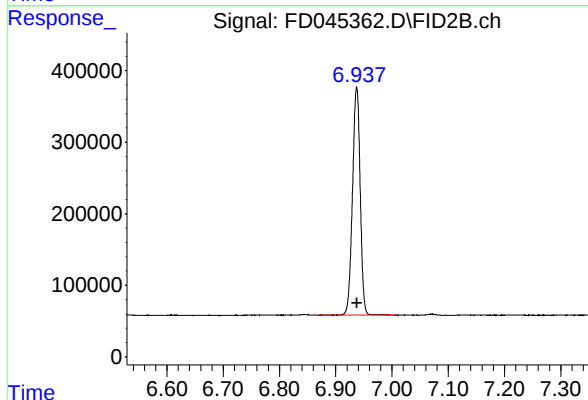
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 2955070
Conc: 18.97 ug/ml



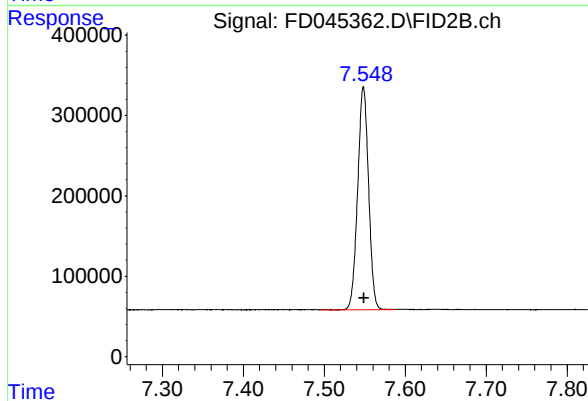
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 3067182
Conc: 19.09 ug/ml



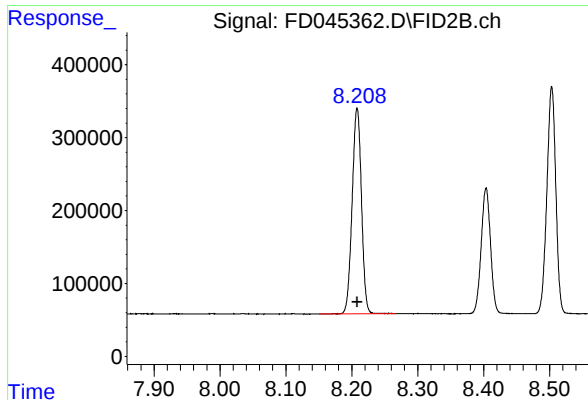
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 3036105
Conc: 18.97 ug/ml



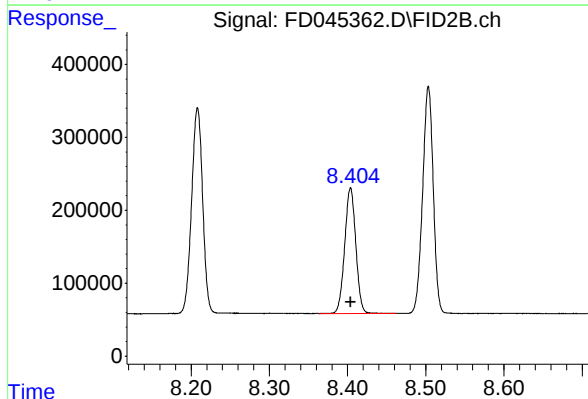
#4 2-Bromonaphthalene (SURR)

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 2590022
Conc: 18.90 ug/ml



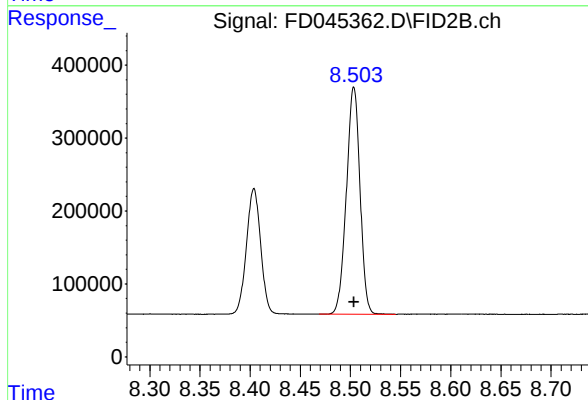
#5 Acenaphthylene (C15.06)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 2774583
Conc: 18.95 ug/ml



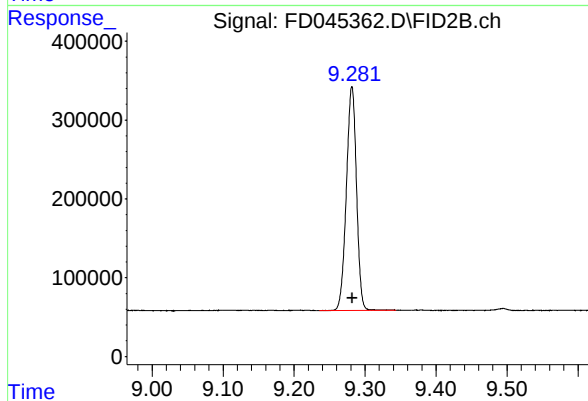
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 1699992
Conc: 18.96 ug/ml



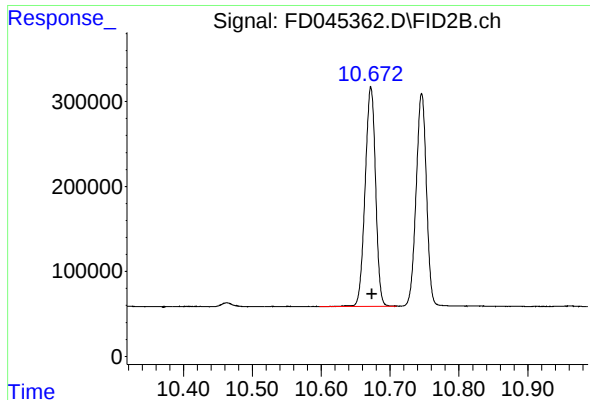
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 2940027
Conc: 18.95 ug/ml



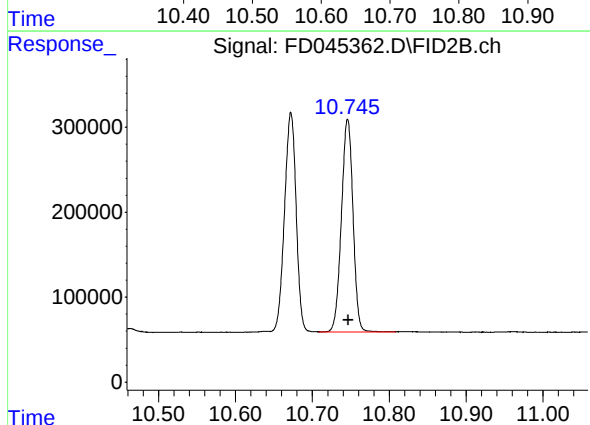
#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 2815760
Conc: 18.99 ug/ml



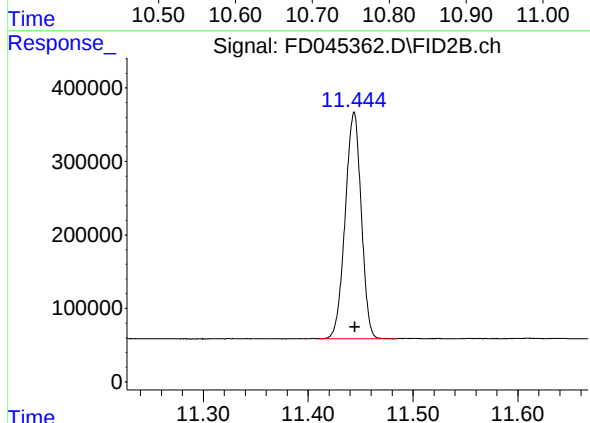
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.001 min
Response: 2729310
Conc: 18.84 ug/ml



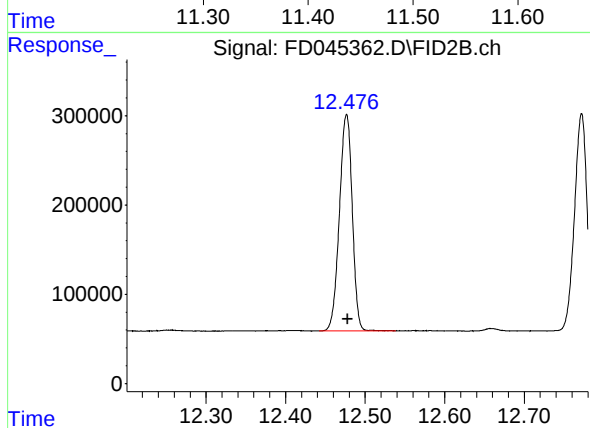
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.000 min
Response: 2616502
Conc: 18.93 ug/ml



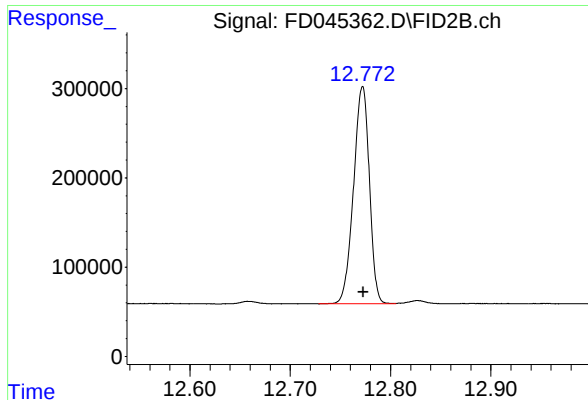
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 3277912
Conc: 18.84 ug/ml



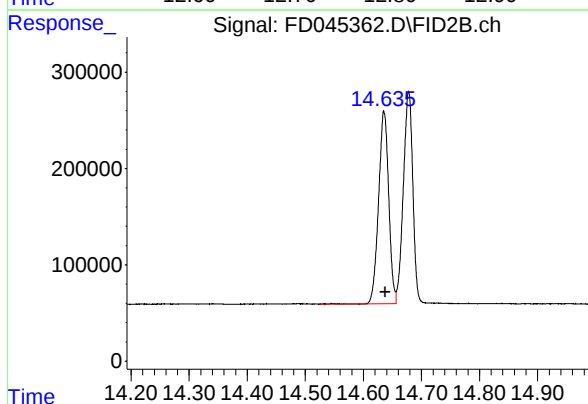
#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: -0.002 min
Response: 2720593
Conc: 18.91 ug/ml



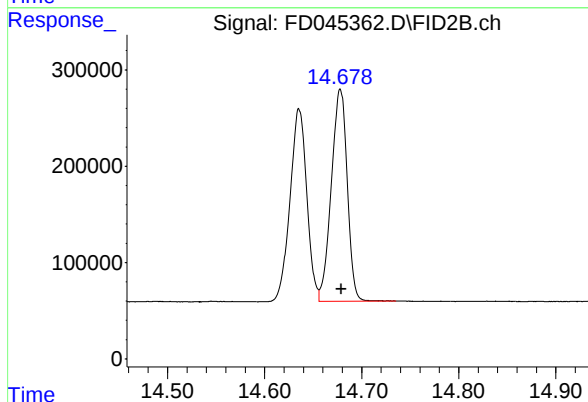
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: 0.000 min
Response: 2675502
Conc: 19.03 ug/ml



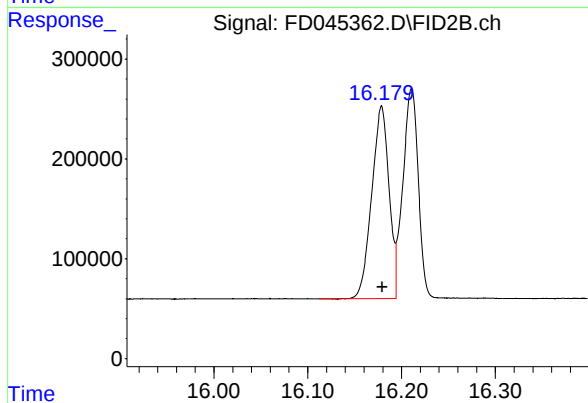
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: -0.002 min
Response: 2415402
Conc: 18.83 ug/ml



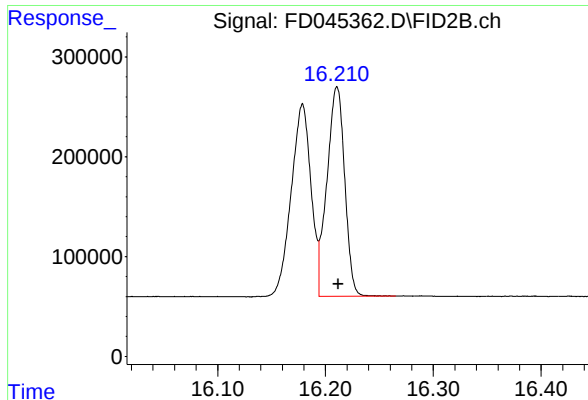
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: -0.001 min
Response: 2496459
Conc: 18.83 ug/ml



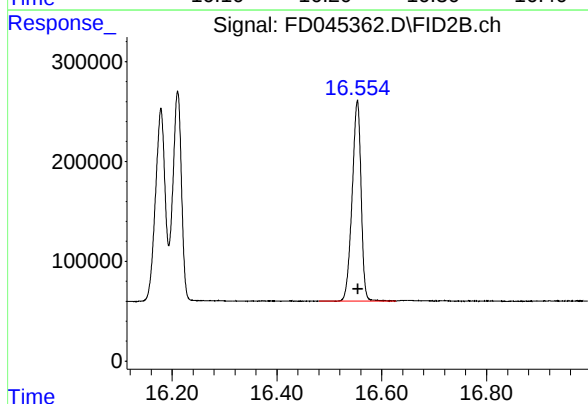
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 2460807
Conc: 18.94 ug/ml



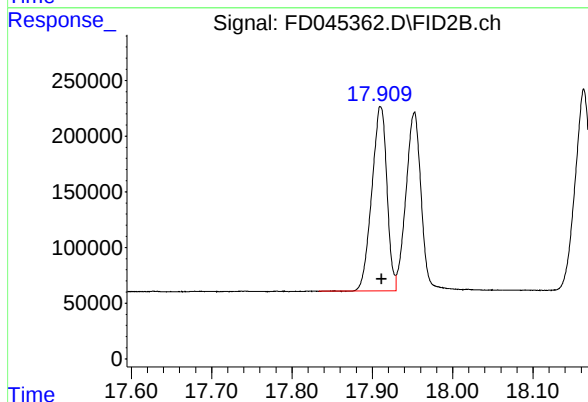
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.211 min
Delta R.T.: -0.001 min
Response: 2405260
Conc: 18.99 ug/ml



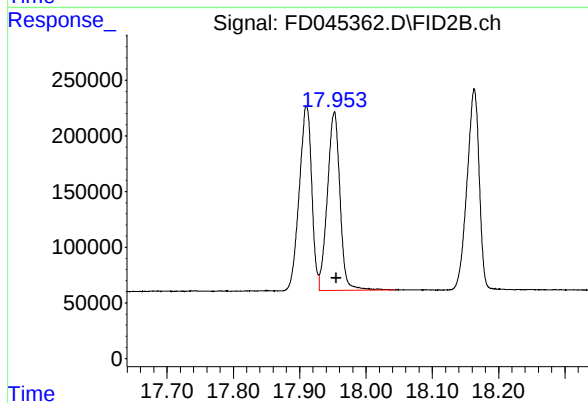
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min
Delta R.T.: -0.002 min
Response: 2380850
Conc: 18.94 ug/ml



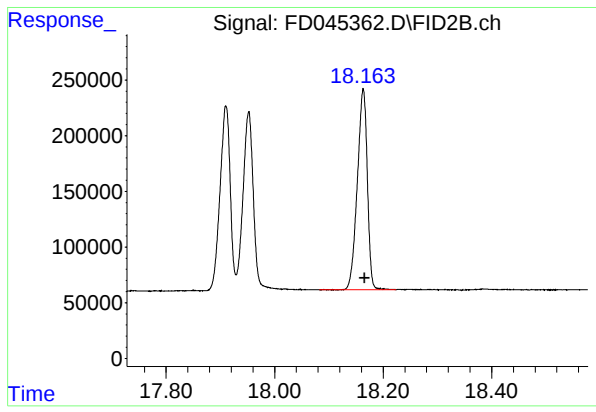
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: -0.002 min
Response: 2155145
Conc: 18.21 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.003 min
Response: 2115984
Conc: 17.76 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.003 min
Response: 2306342
Conc: 18.46 ug/ml