

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045099.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 18:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:50:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:49:01 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...	7.555	2712896	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.411	1811690	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.451	3369949	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	3004066	20.000 ug/ml
2) T Naphthalene (C11.7)	5.894	3161648	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3159576	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.215	2895478	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.510	3049467	20.000 ug/ml
8) T Fluorene (C16.55)	9.289	2983303	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.680	2934354	20.000 ug/ml
10) T Anthracene (C19.43)	10.755	2722098	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.486	2883325	20.000 ug/ml
13) T Pyrene (C20.8)	12.782	2824177	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.646	2562902	20.000 ug/ml
15) T Chrysene (C27.41)	14.688	2656716	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.190	2632918	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2583112	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2561116	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	2503359	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	2458779	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	2546467	20.000 ug/ml

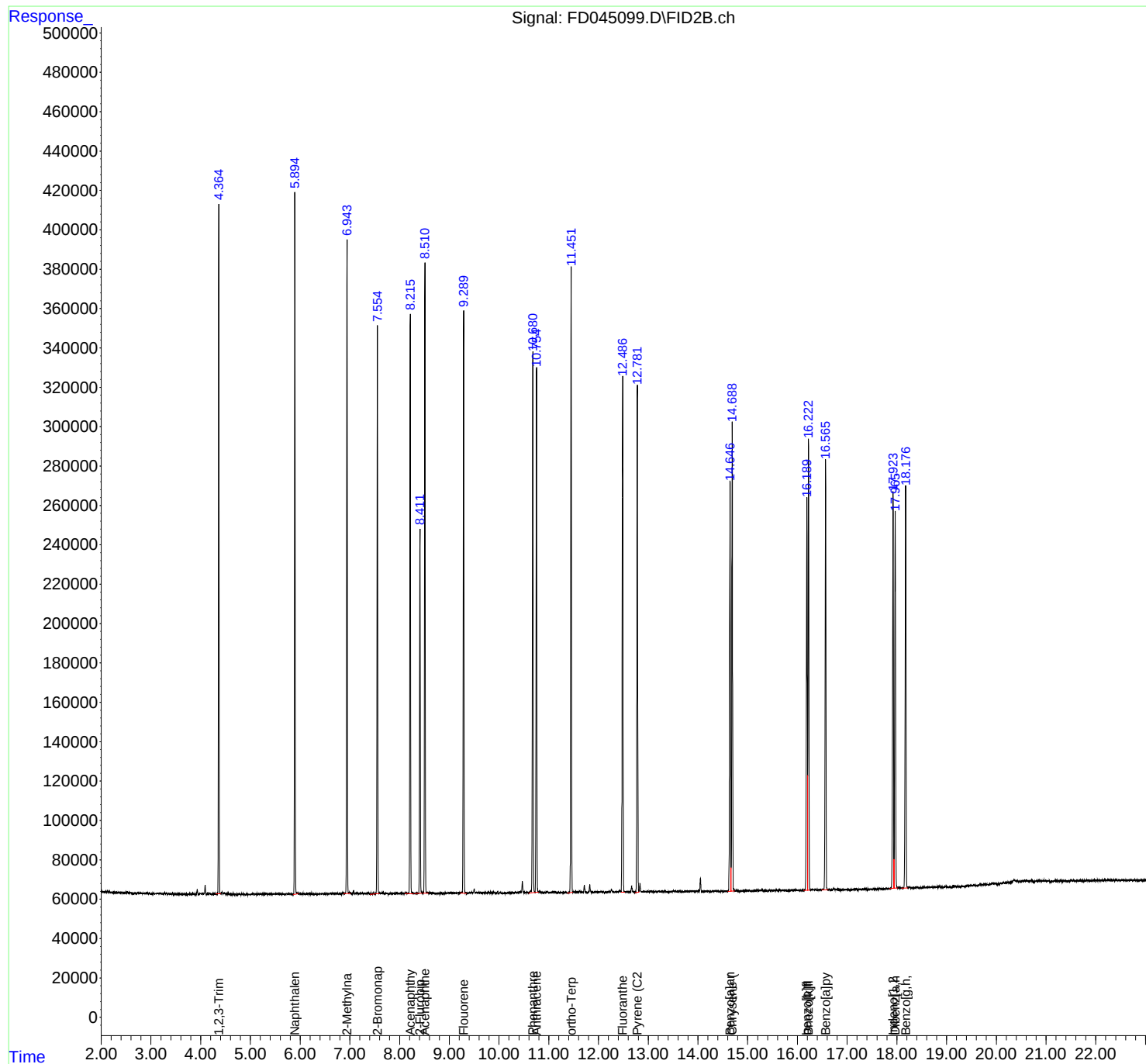
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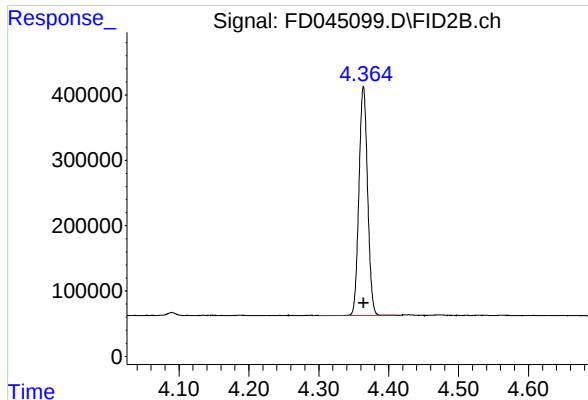
(m)=manual int.

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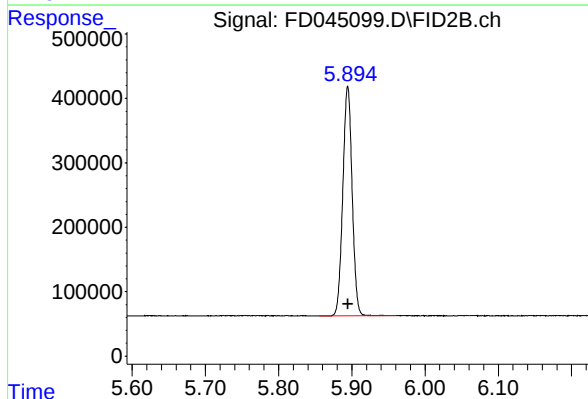
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Signal Info : 20M x 0.18mm x 0.18µm





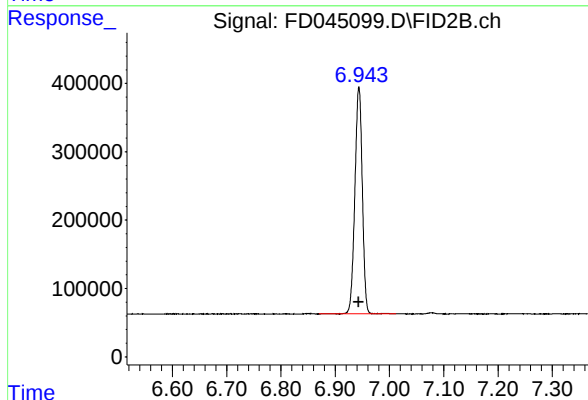
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 3004066
Conc: 20.00 ug/ml



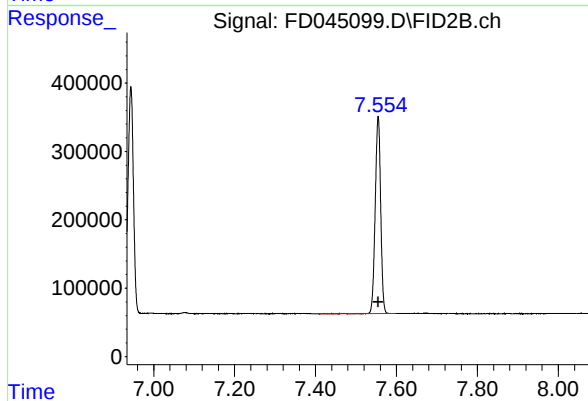
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 3161648
Conc: 20.00 ug/ml



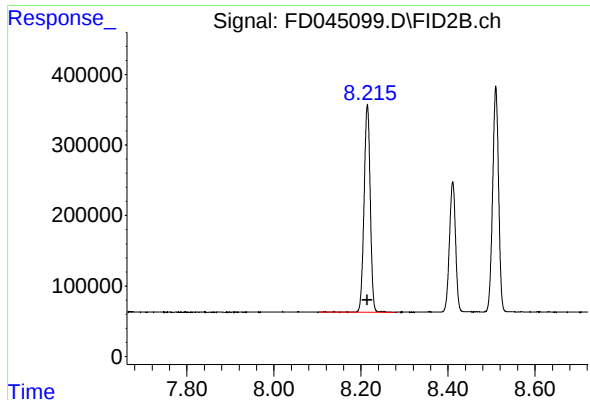
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 3159576
Conc: 20.00 ug/ml



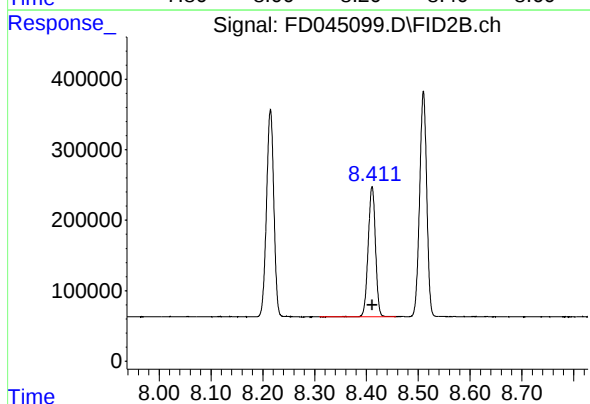
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 2712896
Conc: 20.00 ug/ml



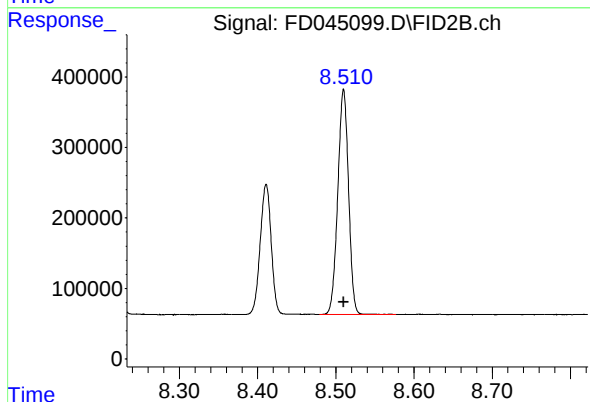
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 2895478
Conc: 20.00 ug/ml



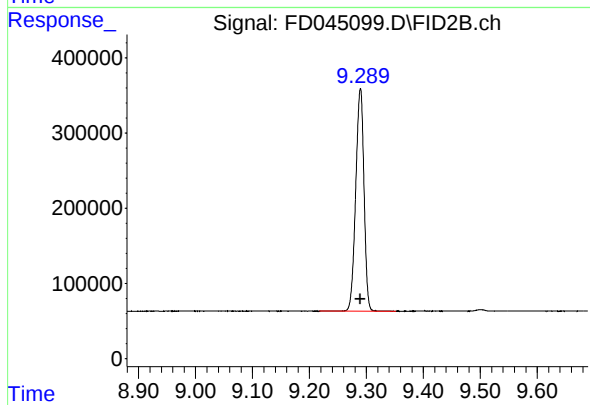
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 1811690
Conc: 20.00 ug/ml



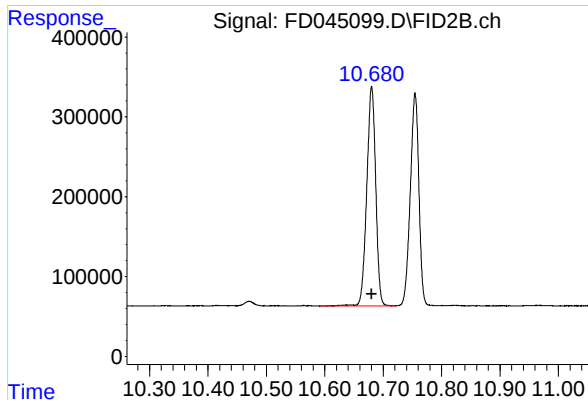
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 3049467
Conc: 20.00 ug/ml



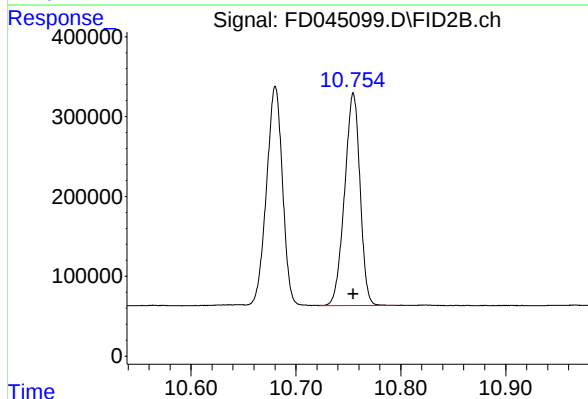
#8 Fluorene (C16.55)

R.T.: 9.289 min
Delta R.T.: 0.000 min
Response: 2983303
Conc: 20.00 ug/ml



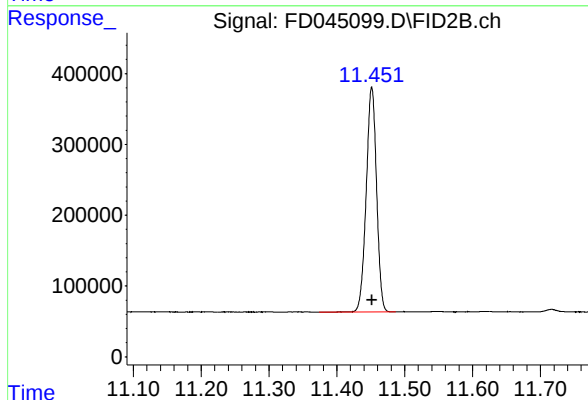
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 2934354
Conc: 20.00 ug/ml



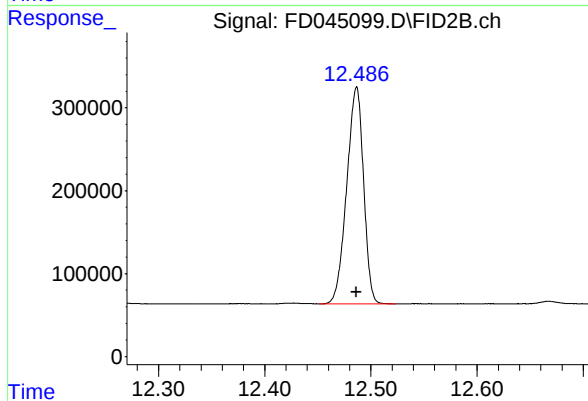
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: 0.000 min
Response: 2722098
Conc: 20.00 ug/ml



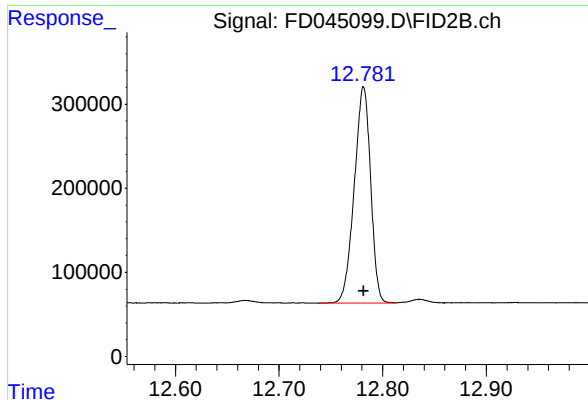
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: 0.000 min
Response: 3369949
Conc: 20.00 ug/ml



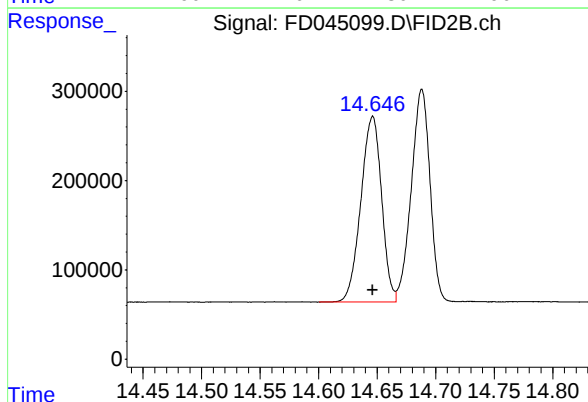
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: 0.000 min
Response: 2883325
Conc: 20.00 ug/ml



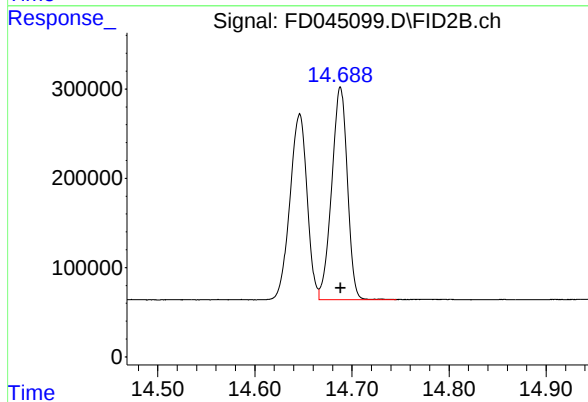
#13 Pyrene (C20.8)

R.T.: 12.782 min
Delta R.T.: 0.000 min
Response: 2824177
Conc: 20.00 ug/ml



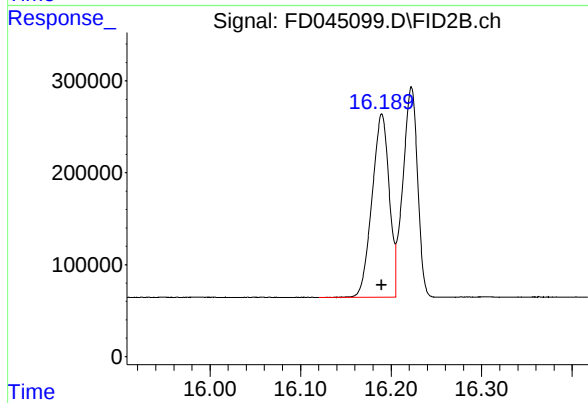
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 2562902
Conc: 20.00 ug/ml



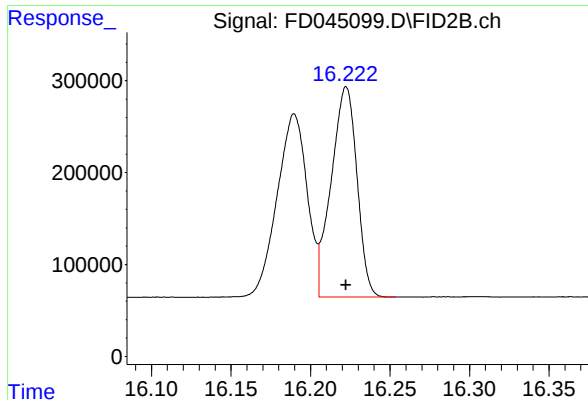
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.000 min
Response: 2656716
Conc: 20.00 ug/ml



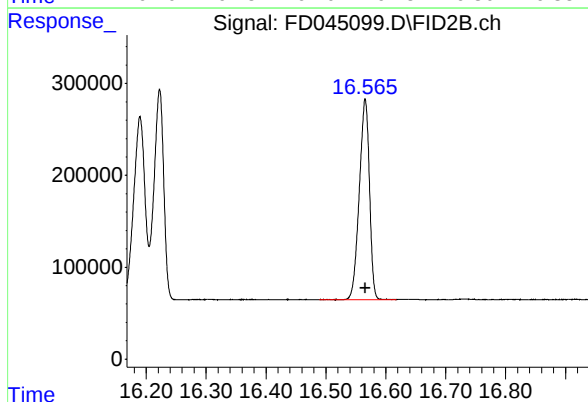
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.190 min
Delta R.T.: 0.000 min
Response: 2632918
Conc: 20.00 ug/ml



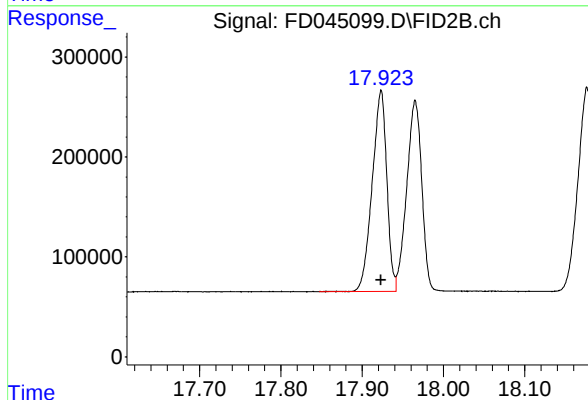
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: 0.000 min
Response: 2583112
Conc: 20.00 ug/ml



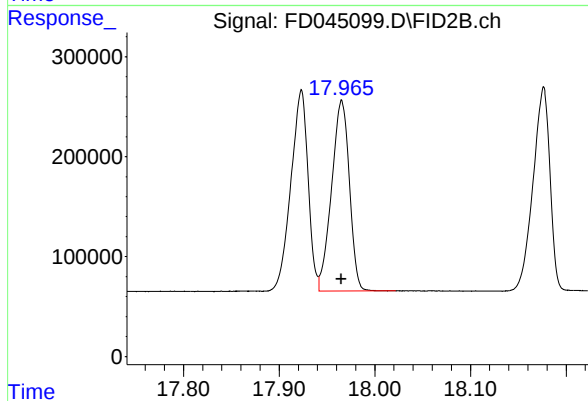
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: 0.000 min
Response: 2561116
Conc: 20.00 ug/ml



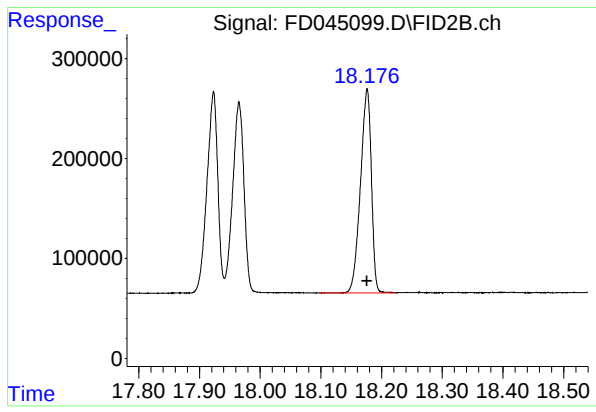
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.000 min
Response: 2503359
Conc: 20.00 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.000 min
Response: 2458779
Conc: 20.00 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.000 min
Response: 2546467
Conc: 20.00 ug/ml