

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100322AR\
 Data File : FD044030.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2022 06:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 07:05:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.424	3082527	23.427 ug/ml
Spiked Amount 50.000		Recovery =	46.85%
6) S 2-Fluorobiphenyl (SURR)	8.281	1668794	23.133 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.27%
11) S ortho-Terphenyl (SURR)	11.307	4164755	22.356 ug/ml
Spiked Amount 50.000		Recovery =	44.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.233	3628723	24.146 ug/mlm
2) T Naphthalene (C11.7)	5.765	3466956	24.347 ug/mlm
3) T 2-Methylnaphthalene (...)	6.811	3526931	24.109 ug/ml
5) T Acenaphthylene (C15.06)	8.080	3316147	21.491 ug/ml
7) T Acenaphthene (C15.5)	8.371	3759537	21.482 ug/ml
8) T Flouorene (C16.55)	9.153	3136278	21.338 ug/ml
9) T Phenanthrene (C19.36)	10.543	2994004	20.690 ug/ml
10) T Anthracene (C19.43)	10.622	2307818	15.725 ug/ml
12) T Fluoranthene (C21.85)	12.347	3039876	19.820 ug/ml
13) T Pyrene (C20.8)	12.641	2992212	20.115 ug/ml
14) T Benzo[a]anthracene (C...	14.511	2189483	19.586 ug/ml
15) T Chrysene (C27.41)	14.553	3049258	19.511 ug/ml
16) T benzo[b]fluoranthene ...	16.055	2200261	18.867 ug/ml
17) T Bnezo[k]fluoranthene ...	16.086	2901085	19.541 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2183859	18.029 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	1472975	15.492 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	1995812	16.614 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	1977517	17.353 ug/mlm

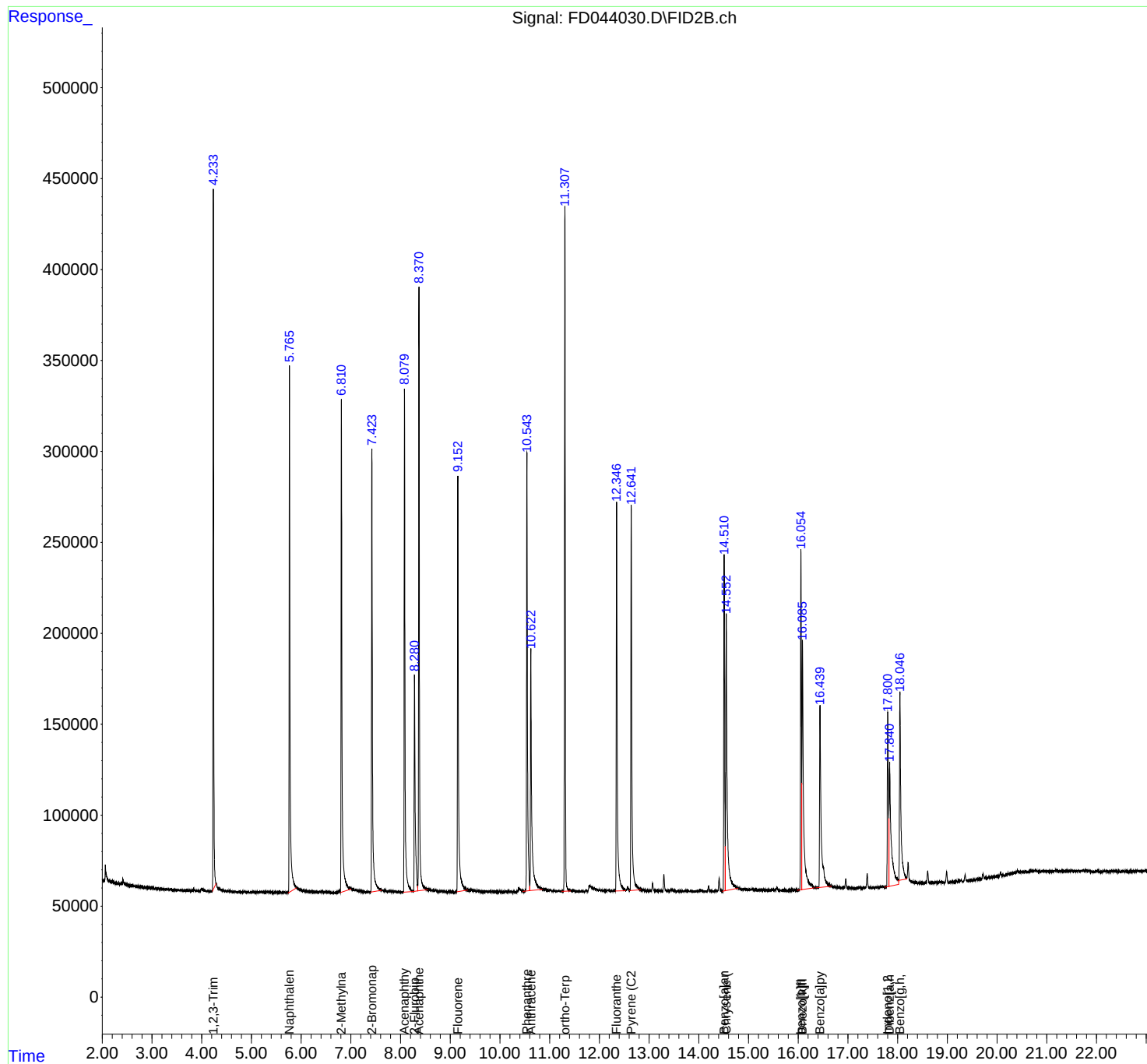
(f)=RT Delta > 1/2 Window

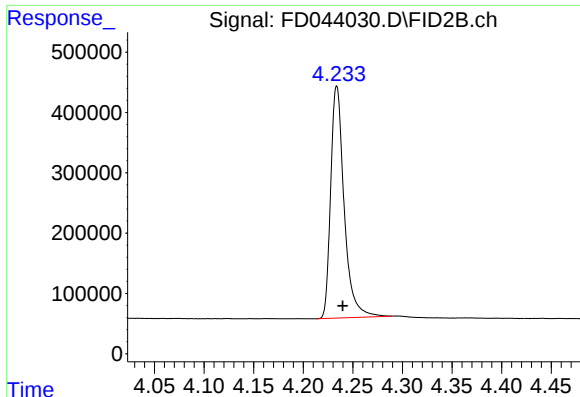
(m)=manual int.

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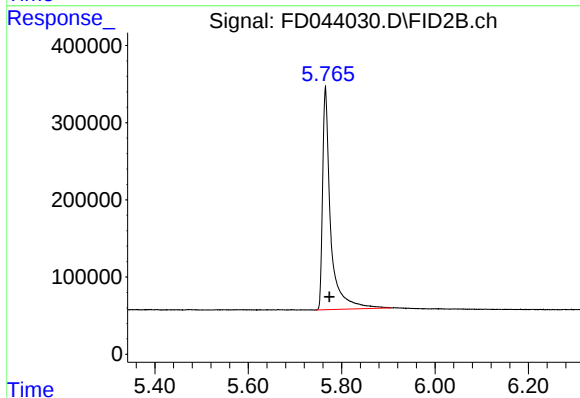
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Signal Info : 20M x 0.18mm x 0.18µm





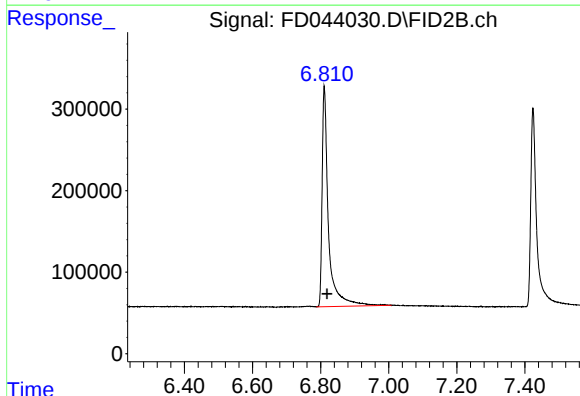
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.233 min
Delta R.T.: -0.007 min
Response: 3628723
Conc: 24.15 ug/ml m



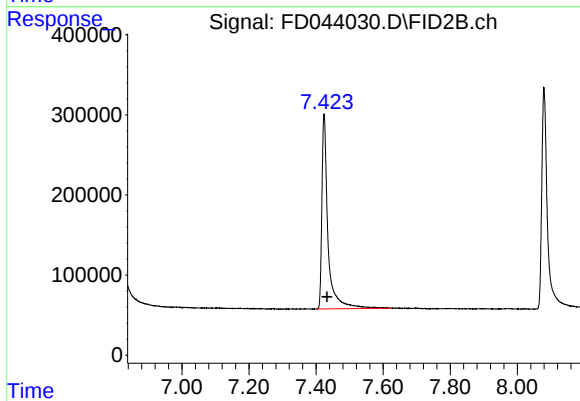
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.009 min
Response: 3466956
Conc: 24.35 ug/ml m



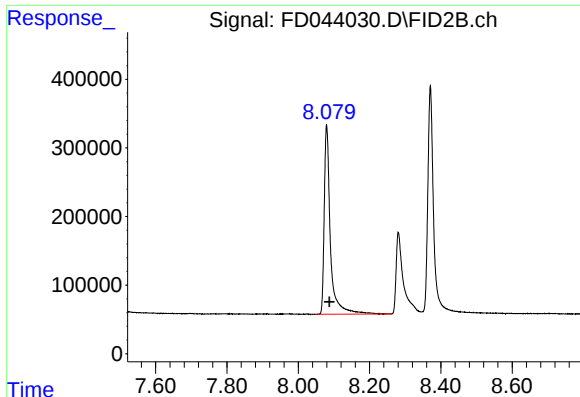
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: -0.008 min
Response: 3526931
Conc: 24.11 ug/ml



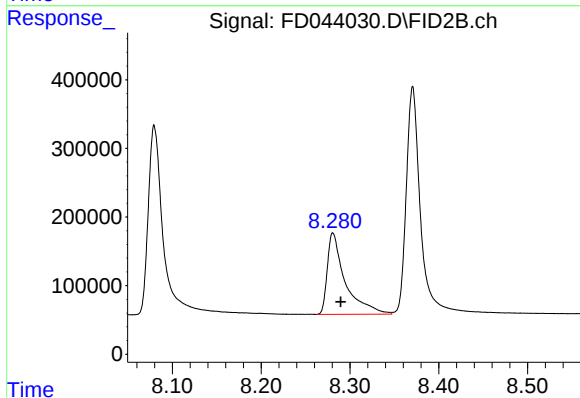
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min
Delta R.T.: -0.009 min
Response: 3082527
Conc: 23.43 ug/ml



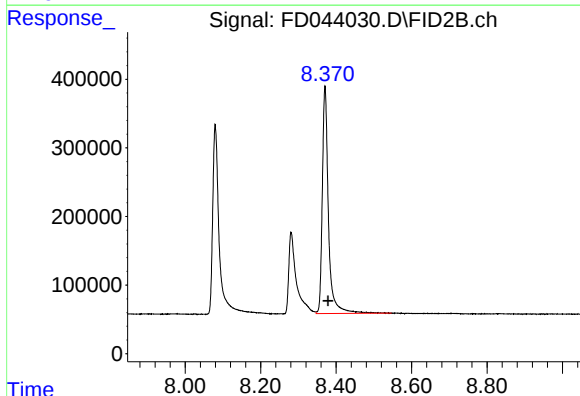
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.008 min
Response: 3316147
Conc: 21.49 ug/ml



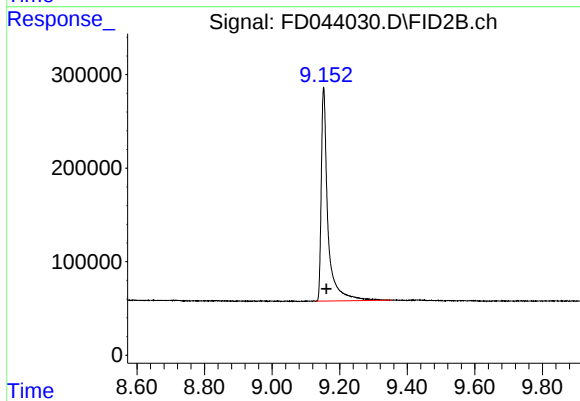
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 1668794
Conc: 23.13 ug/ml



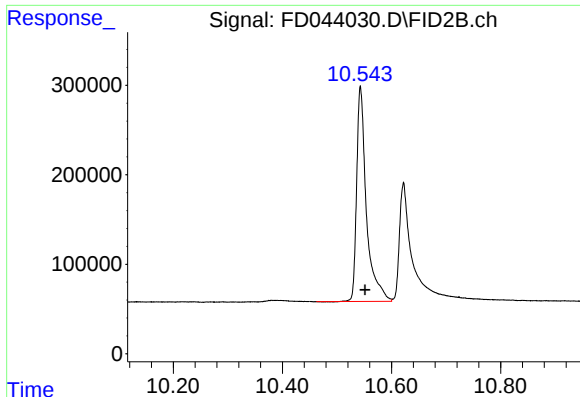
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: -0.008 min
Response: 3759537
Conc: 21.48 ug/ml



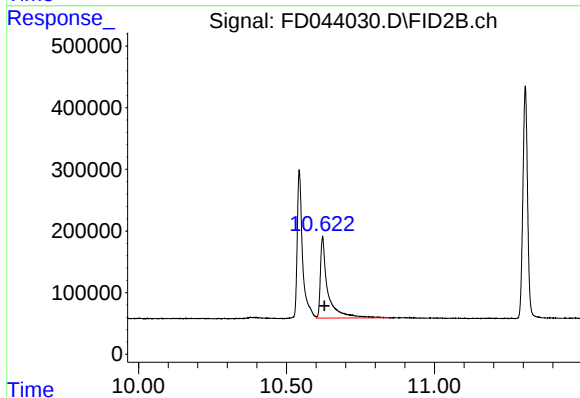
#8 Fluorene (C16.55)

R.T.: 9.153 min
Delta R.T.: -0.008 min
Response: 3136278
Conc: 21.34 ug/ml



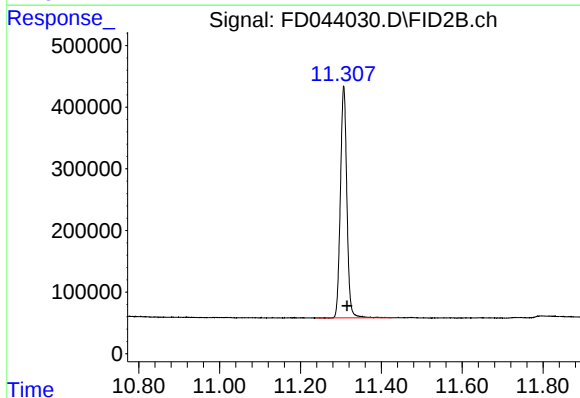
#9 Phenanthrene (C19.36)

R.T.: 10.543 min
Delta R.T.: -0.008 min
Response: 2994004
Conc: 20.69 ug/ml



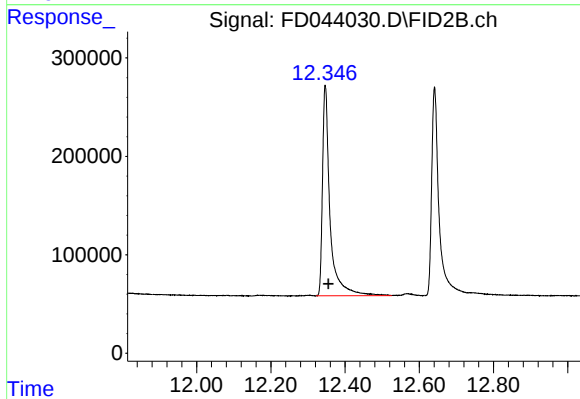
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.006 min
Response: 2307818
Conc: 15.73 ug/ml



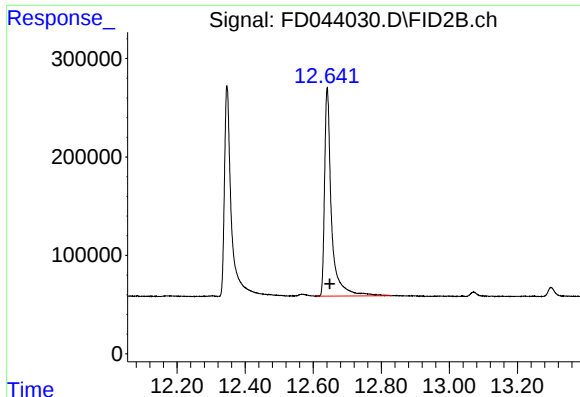
#11 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: -0.008 min
Response: 4164755
Conc: 22.36 ug/ml



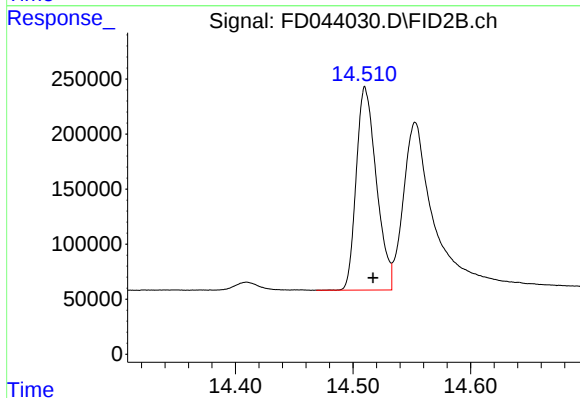
#12 Fluoranthene (C21.85)

R.T.: 12.347 min
Delta R.T.: -0.008 min
Response: 3039876
Conc: 19.82 ug/ml



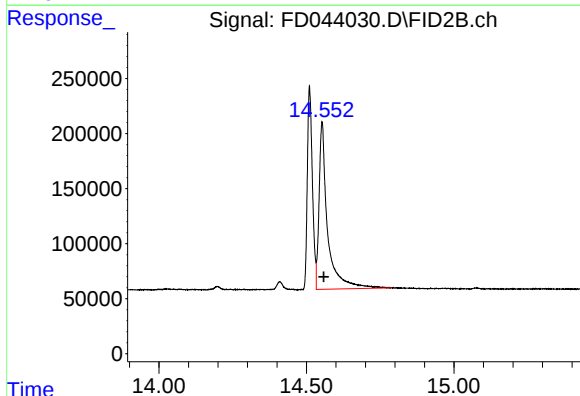
#13 Pyrene (C20.8)

R.T.: 12.641 min
Delta R.T.: -0.007 min
Response: 2992212
Conc: 20.11 ug/ml



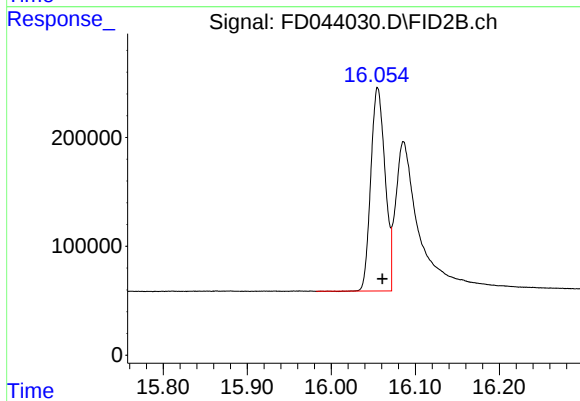
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min
Delta R.T.: -0.007 min
Response: 2189483
Conc: 19.59 ug/ml



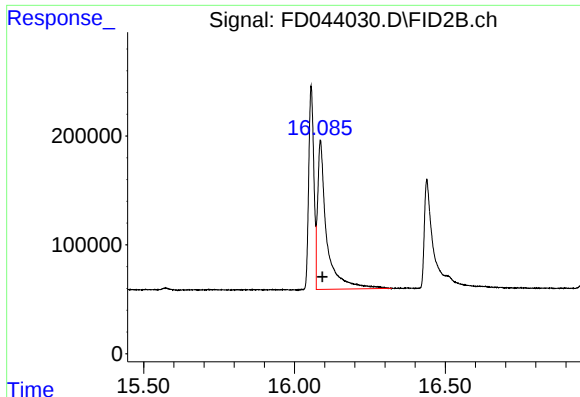
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.005 min
Response: 3049258
Conc: 19.51 ug/ml



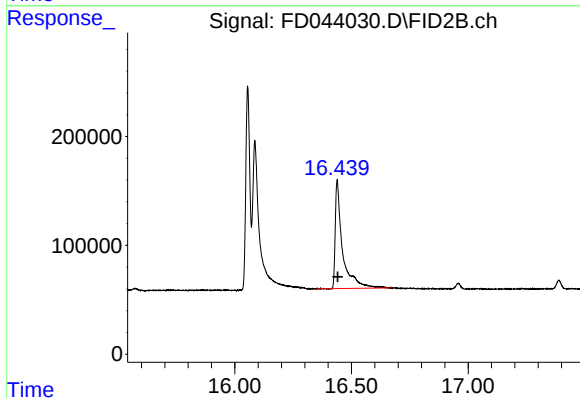
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.055 min
Delta R.T.: -0.005 min
Response: 2200261
Conc: 18.87 ug/ml



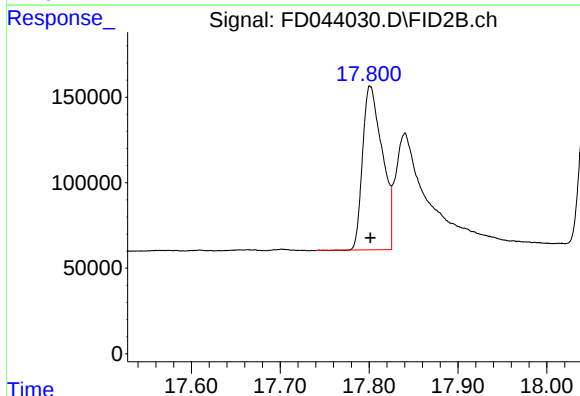
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.086 min
Delta R.T.: -0.006 min
Response: 2901085
Conc: 19.54 ug/ml



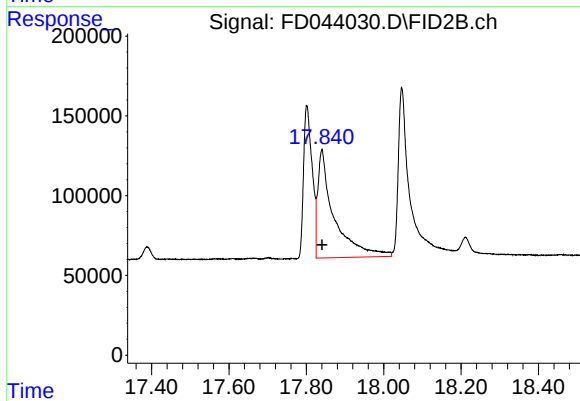
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.003 min
Response: 2183859
Conc: 18.03 ug/ml



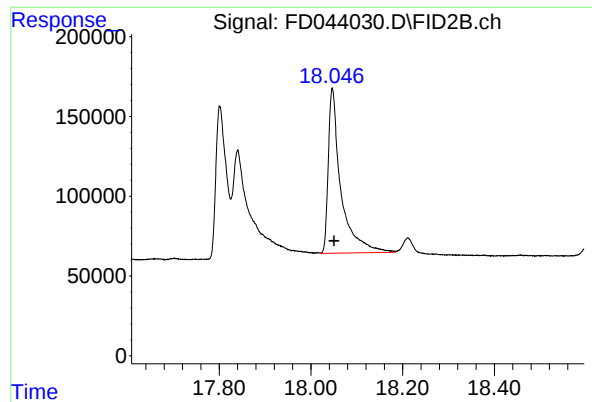
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.802 min
Delta R.T.: 0.000 min
Response: 1472975
Conc: 15.49 ug/ml



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

R.T.: 17.840 min
Delta R.T.: 0.000 min
Response: 1995812
Conc: 16.61 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.004 min
Response: 1977517
Conc: 17.35 ug/ml m