

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020923AR\
 Data File : FD044995.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2023 10:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 14:11:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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	3324742	22.670 ug/ml
Spiked Amount 50.000		Recovery =	45.34%
6) S 2-Fluorobiphenyl (SURR)	8.411	2268326	22.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.45%
11) S ortho-Terphenyl (SURR)	11.451	4262653	22.935 ug/ml
Spiked Amount 50.000		Recovery =	45.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3630669	22.744 ug/ml
2) T Naphthalene (C11.7)	5.895	3836631	22.644 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3878708	22.609 ug/ml
5) T Acenaphthylene (C15.06)	8.215	3466550	22.060 ug/ml
7) T Acenaphthene (C15.5)	8.510	3791316	22.802 ug/ml
8) T Flouorene (C16.55)	9.289	3729676	22.723 ug/ml
9) T Phenanthrene (C19.36)	10.681	3683659	22.783 ug/ml
10) T Anthracene (C19.43)	10.753	2754556	18.581 ug/ml
12) T Fluoranthene (C21.85)	12.486	3697097	23.101 ug/ml
13) T Pyrene (C20.8)	12.781	3572843	22.769 ug/ml
14) T Benzo[a]anthracene (C...	14.644	3177650	22.264 ug/ml
15) T Chrysene (C27.41)	14.689	3431687	23.177 ug/ml
16) T benzo[b]fluoranthene ...	16.188	3250756	22.408 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	3394889	23.812 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	2916229	20.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	3113249	23.135 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	3407149	25.711 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	3070051	22.579 ug/ml

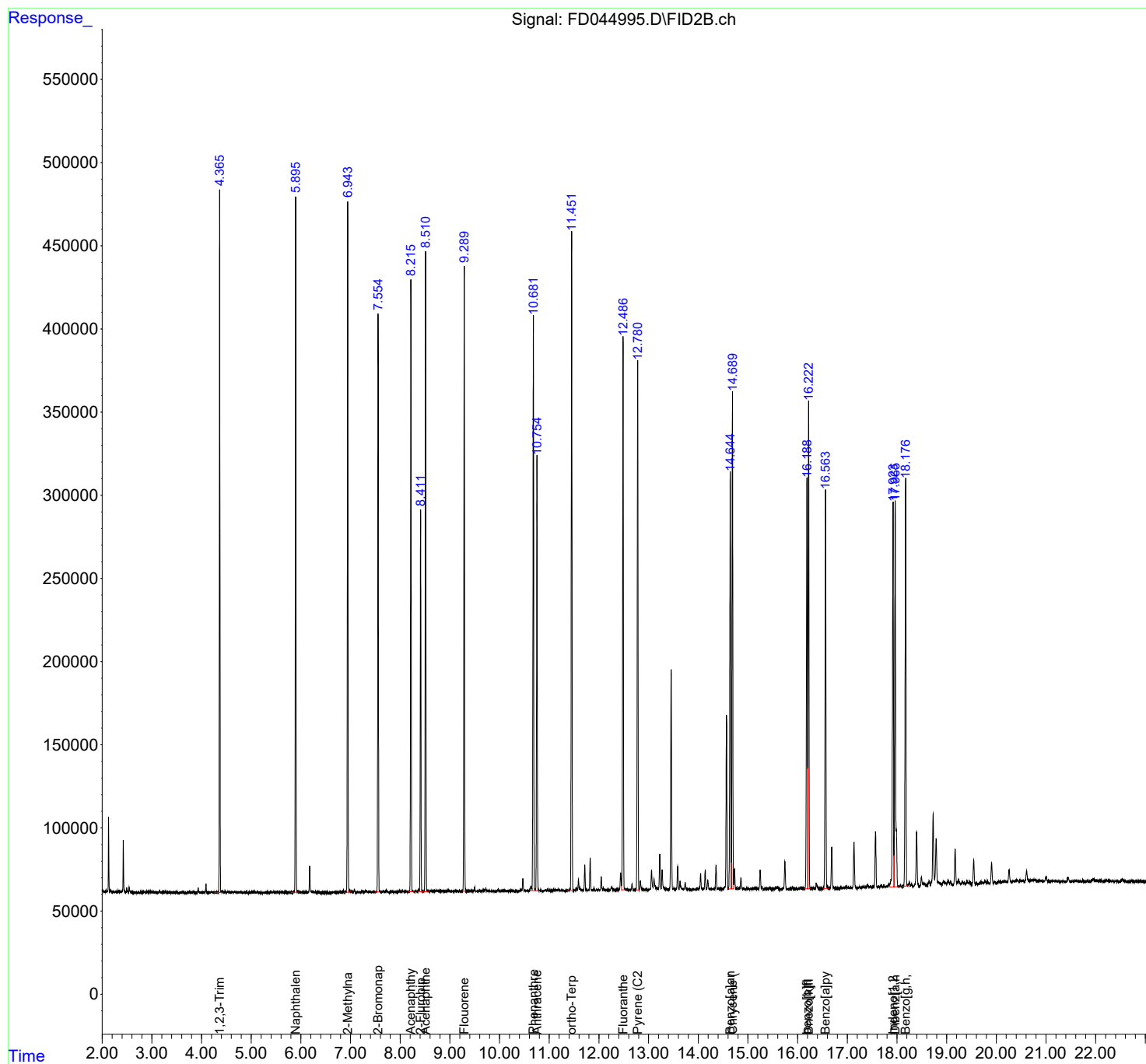
(f)=RT Delta > 1/2 Window

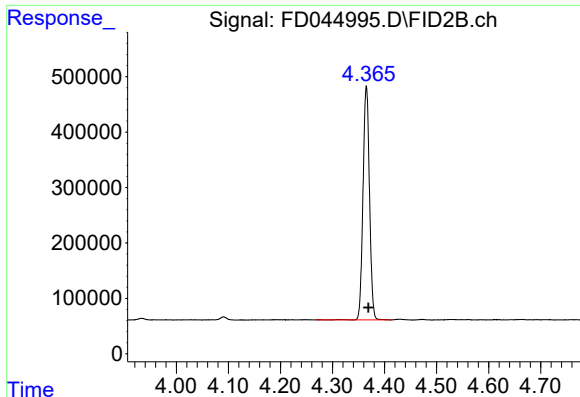
(m)=manual int.

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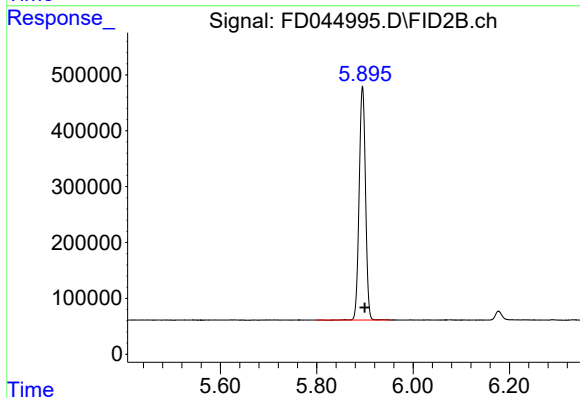
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Signal Info : 20M x 0.18mm x 0.18µm





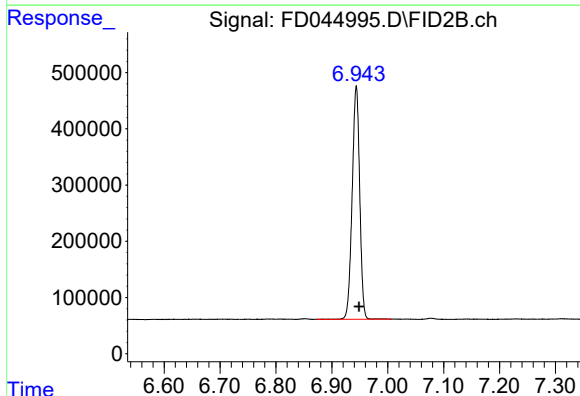
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3630669
Conc: 22.74 ug/ml



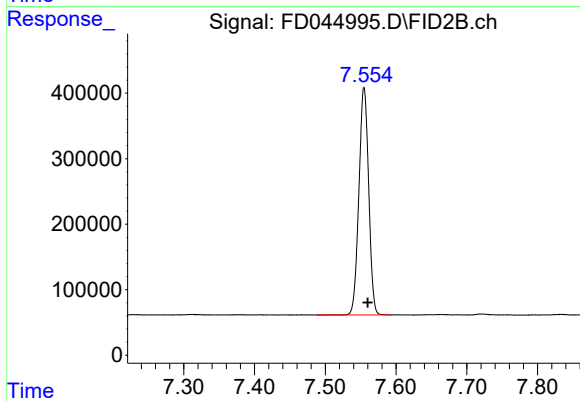
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 3836631
Conc: 22.64 ug/ml



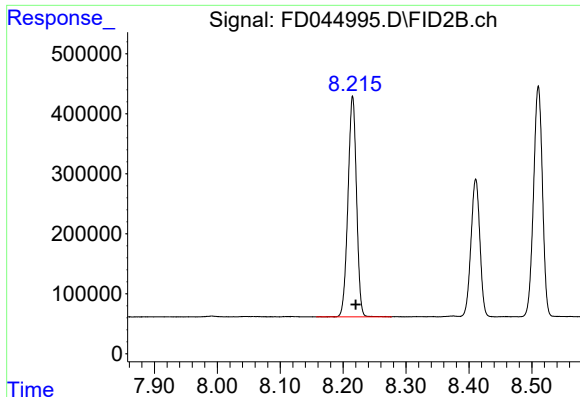
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3878708
Conc: 22.61 ug/ml



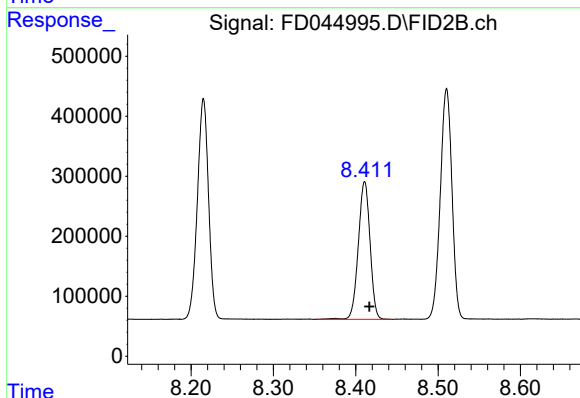
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 3324742
Conc: 22.67 ug/ml



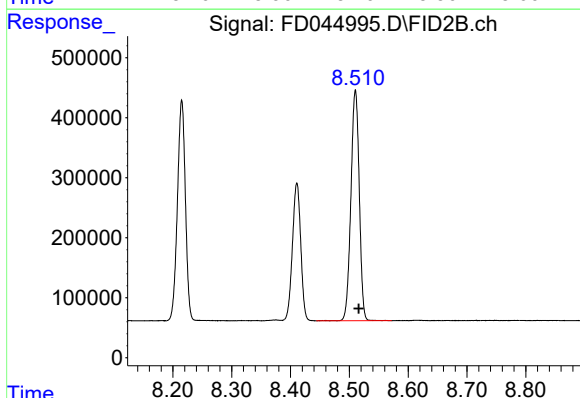
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 3466550
Conc: 22.06 ug/ml



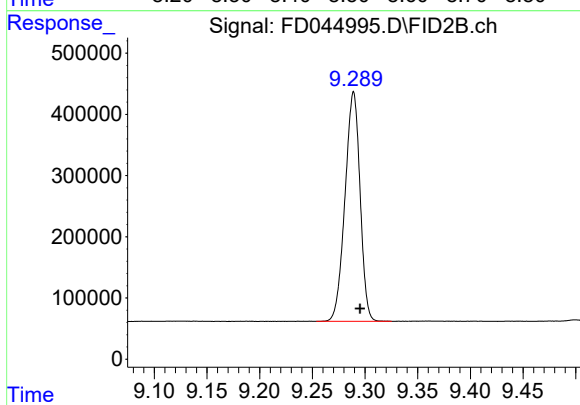
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.006 min
Response: 2268326
Conc: 22.73 ug/ml



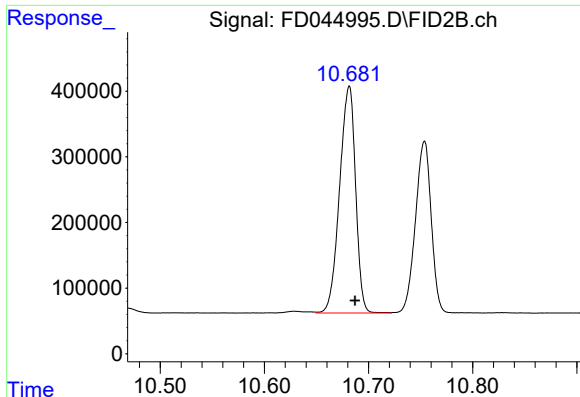
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: -0.005 min
Response: 3791316
Conc: 22.80 ug/ml



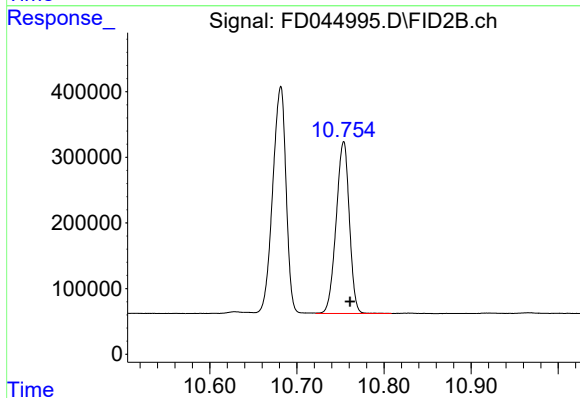
#8 Fluorene (C16.55)

R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 3729676
Conc: 22.72 ug/ml



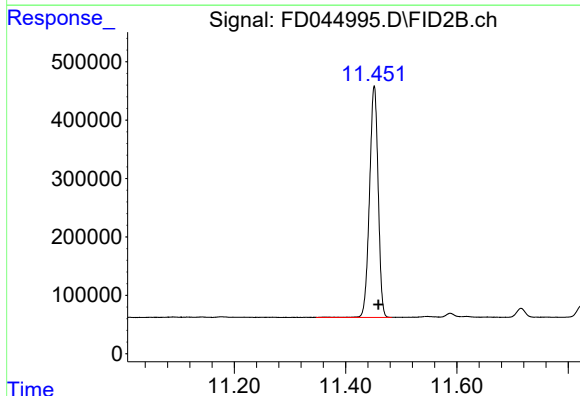
#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: -0.006 min
Response: 3683659
Conc: 22.78 ug/ml



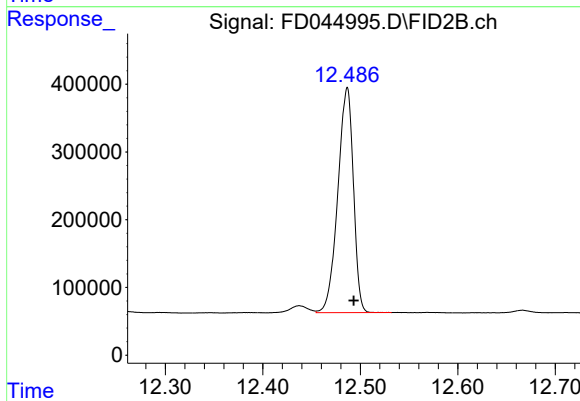
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: -0.007 min
Response: 2754556
Conc: 18.58 ug/ml



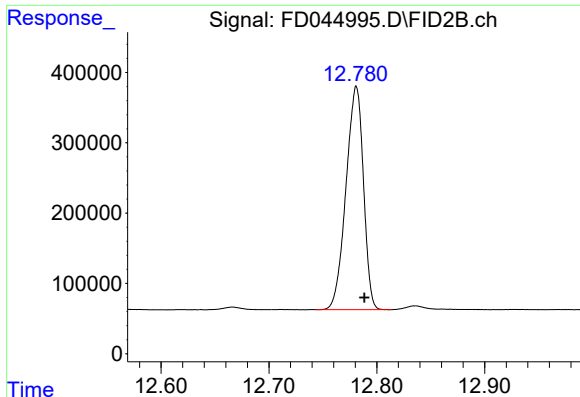
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.008 min
Response: 4262653
Conc: 22.93 ug/ml



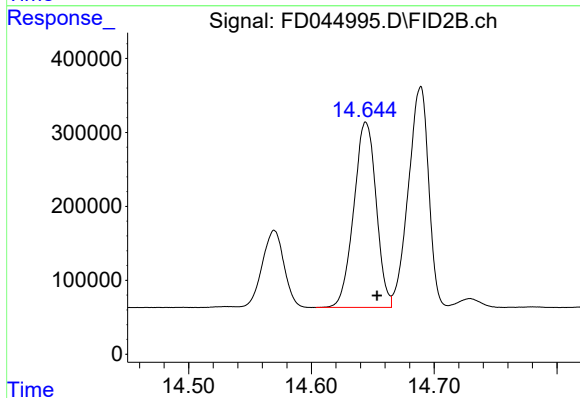
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 3697097
Conc: 23.10 ug/ml



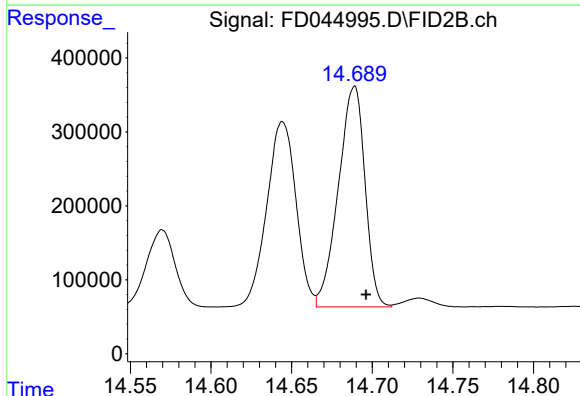
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.008 min
Response: 3572843
Conc: 22.77 ug/ml



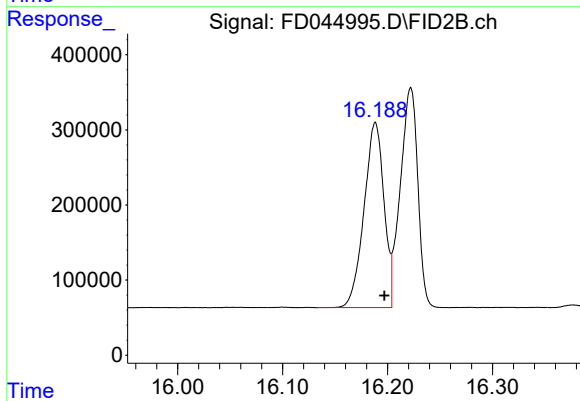
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.009 min
Response: 3177650
Conc: 22.26 ug/ml



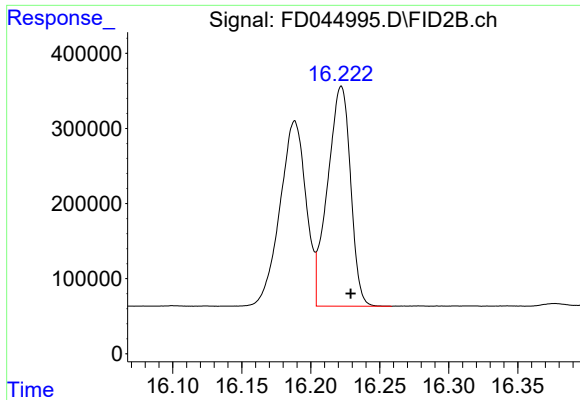
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: -0.008 min
Response: 3431687
Conc: 23.18 ug/ml



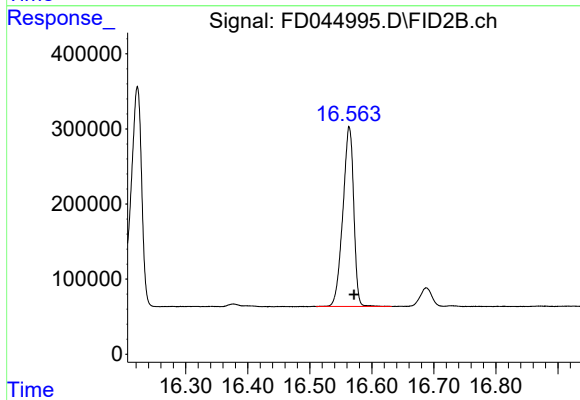
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 3250756
Conc: 22.41 ug/ml



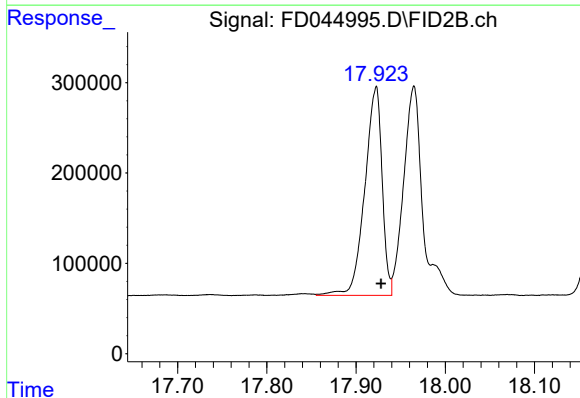
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.007 min
Response: 339489
Conc: 23.81 ug/ml



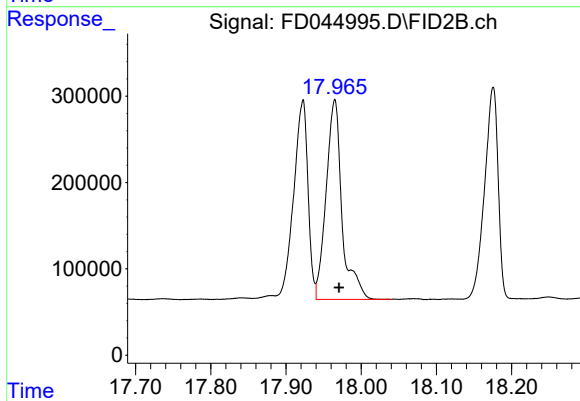
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: -0.008 min
Response: 2916229
Conc: 20.87 ug/ml



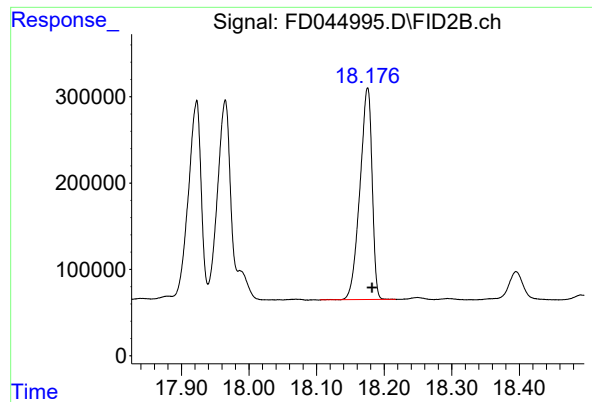
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: -0.006 min
Response: 3113249
Conc: 23.13 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.006 min
Response: 3407149
Conc: 25.71 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.007 min
Response: 3070051
Conc: 22.58 ug/ml