

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032622AR\
 Data File : FD041755.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2022 14:40
 Operator : UA/NP
 Sample : PB143605BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 00:08:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.351	5301876	33.056 ug/ml
Spiked Amount 50.000		Recovery =	66.11%
6) S 2-Fluorobiphenyl (SURR)	8.201	3302077	33.416 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.83%
11) S ortho-Terphenyl (SURR)	11.234	5821964	29.949 ug/ml
Spiked Amount 50.000		Recovery =	59.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	3803738	21.716 ug/ml
2) T Naphthalene (C11.7)	5.693	4255192	24.117 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	4268671	26.680 ug/ml
5) T Acenaphthylene (C15.06)	8.003	4520836	24.430 ug/ml
7) T Acenaphthene (C15.5)	8.297	5057352	26.344 ug/ml
8) T Flouorene (C16.55)	9.075	4899750	27.773 ug/ml
9) T Phenanthrene (C19.36)	10.463	5156688	29.563 ug/ml
10) T Anthracene (C19.43)	10.538	5277120	28.993 ug/ml
12) T Fluoranthene (C21.85)	12.267	5273293	29.871 ug/mlm
13) T Pyrene (C20.8)	12.560	5261728	31.122 ug/ml
14) T Benzo[a]anthracene (C...	14.432	4991874	33.384 ug/ml
15) T Chrysene (C27.41)	14.474	4990524	27.726 ug/ml
16) T benzo[b]fluoranthene ...	15.981	4989893	33.649 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	5259148	31.827 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	4550592	32.352 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	4685680	42.542 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	5050248	34.884 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	5040958	37.983 ug/ml

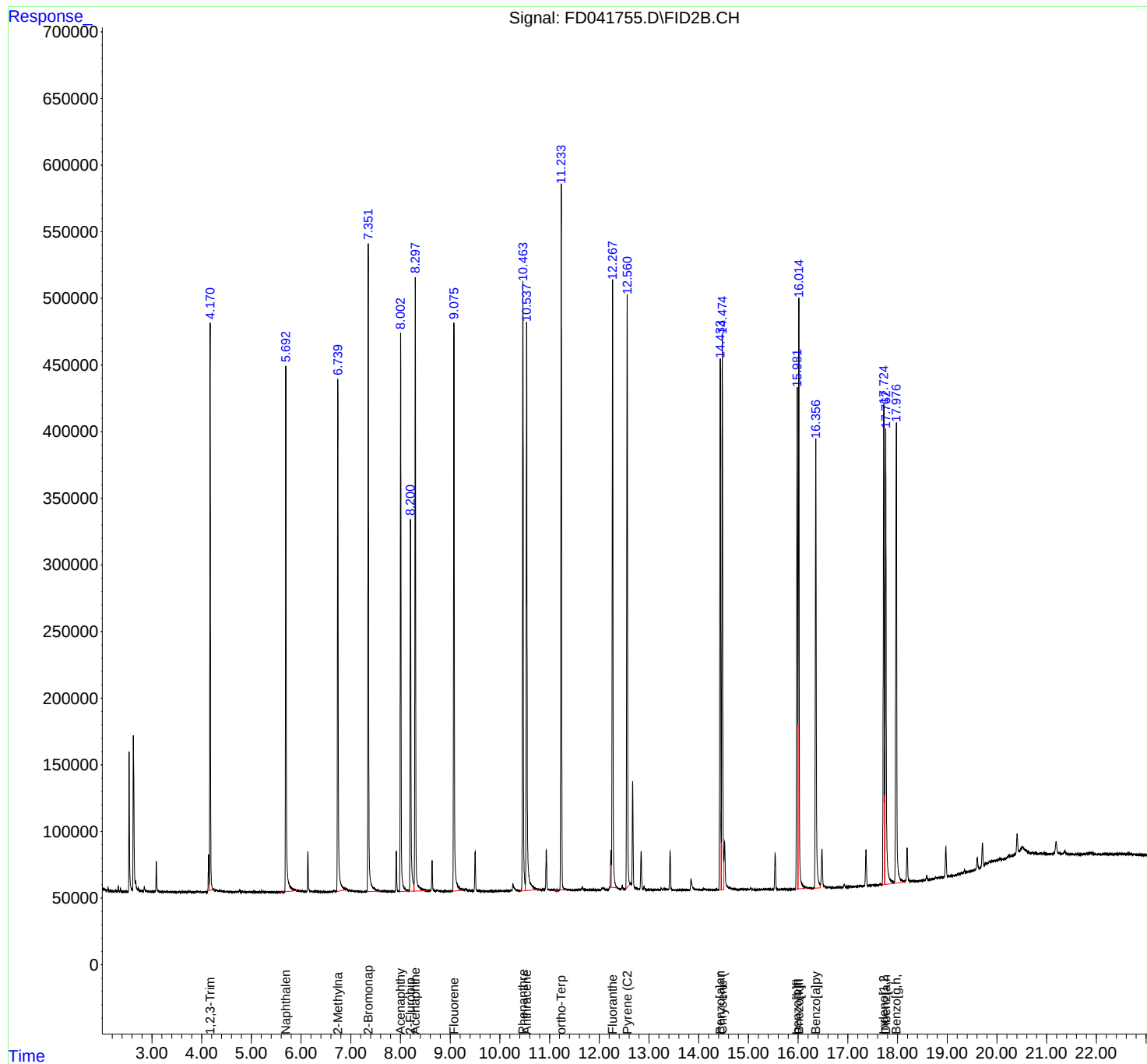
(f)=RT Delta > 1/2 Window

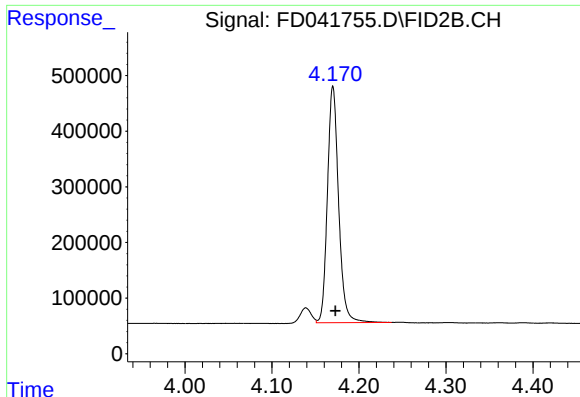
(m)=manual int.

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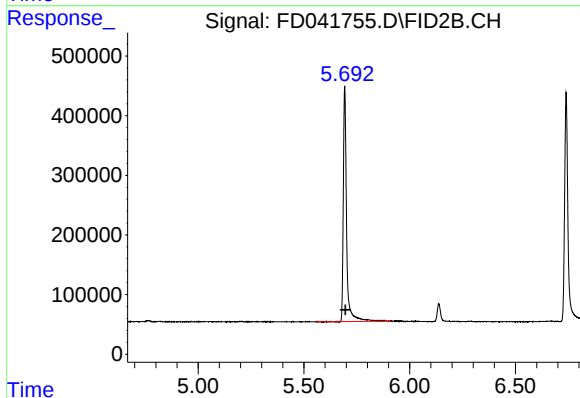
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Signal Info : 20M x 0.18mm x 0.18µm





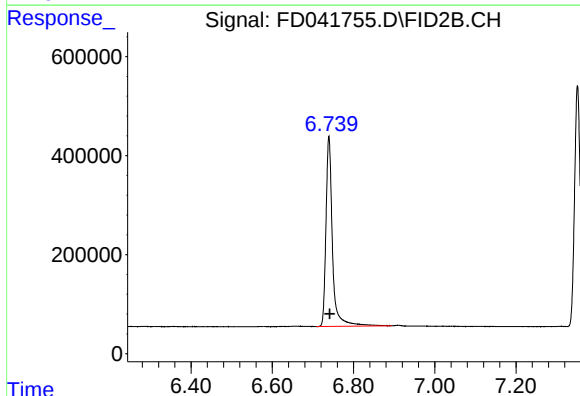
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min
Delta R.T.: -0.003 min
Response: 3803738
Conc: 21.72 ug/ml



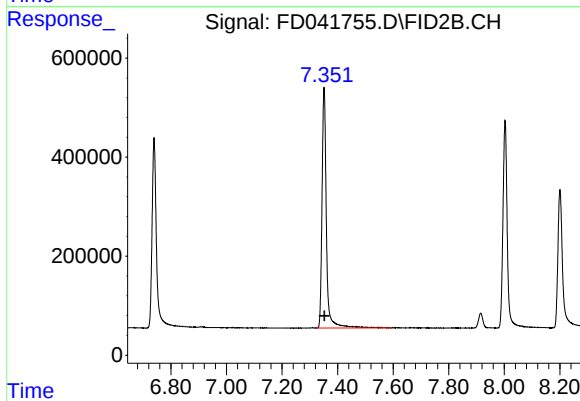
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 4255192
Conc: 24.12 ug/ml



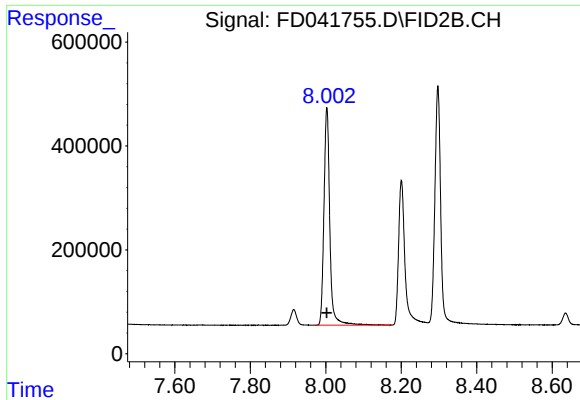
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 4268671
Conc: 26.68 ug/ml



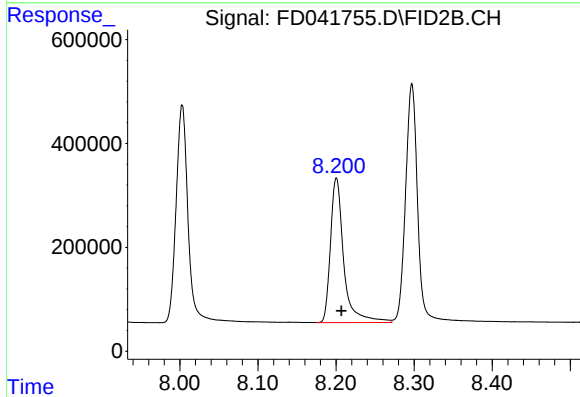
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 5301876
Conc: 33.06 ug/ml



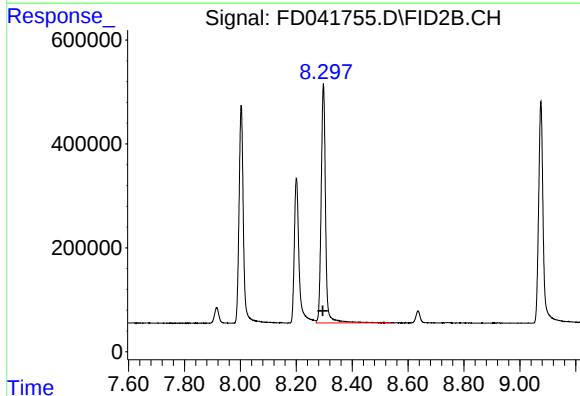
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 4520836
Conc: 24.43 ug/ml



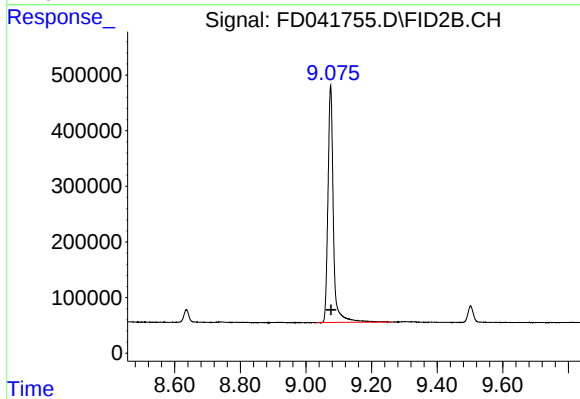
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.201 min
Delta R.T.: -0.006 min
Response: 3302077
Conc: 33.42 ug/ml



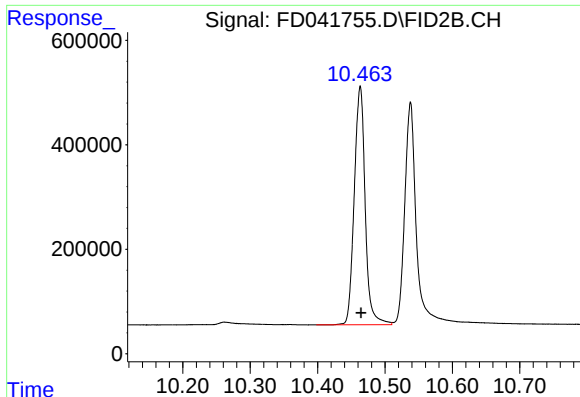
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 5057352
Conc: 26.34 ug/ml



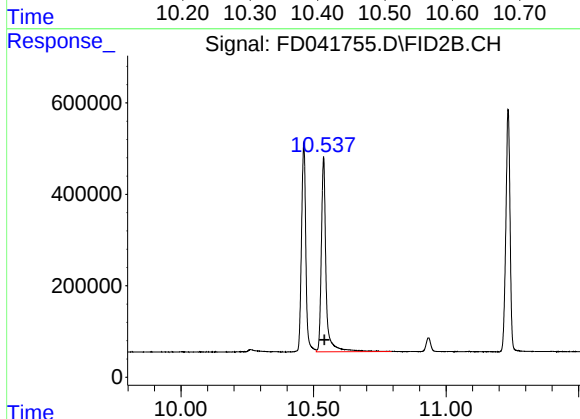
#8 Fluorene (C16.55)

R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 4899750
Conc: 27.77 ug/ml



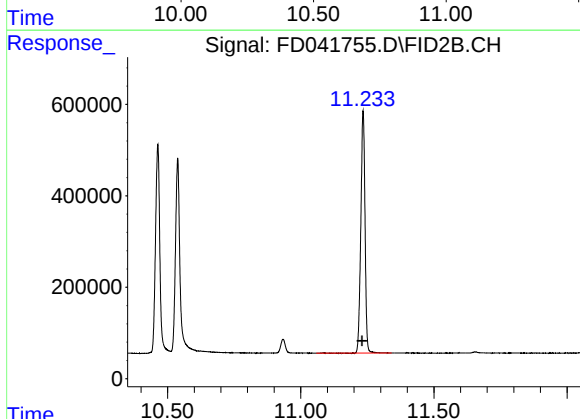
#9 Phenanthrene (C19.36)

R.T.: 10.463 min
Delta R.T.: -0.001 min
Response: 5156688
Conc: 29.56 ug/ml



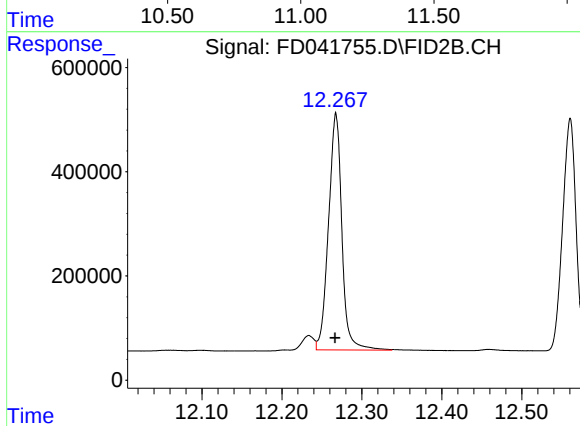
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.003 min
Response: 5277120
Conc: 28.99 ug/ml



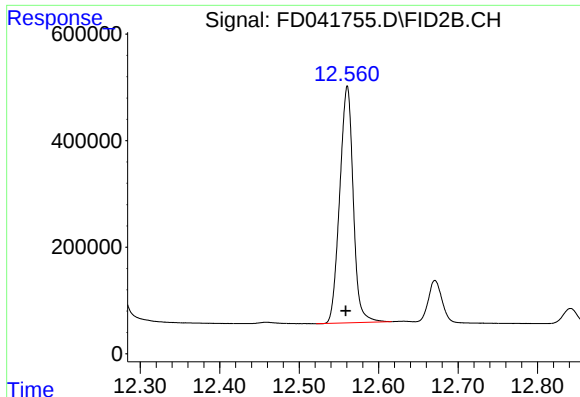
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.004 min
Response: 5821964
Conc: 29.95 ug/ml



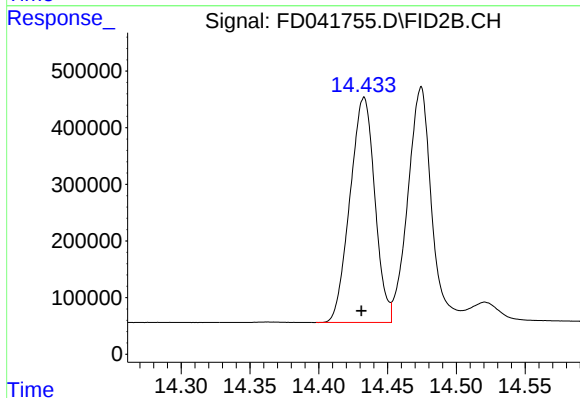
#12 Fluoranthene (C21.85)

R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 5273293
Conc: 29.87 ug/ml m



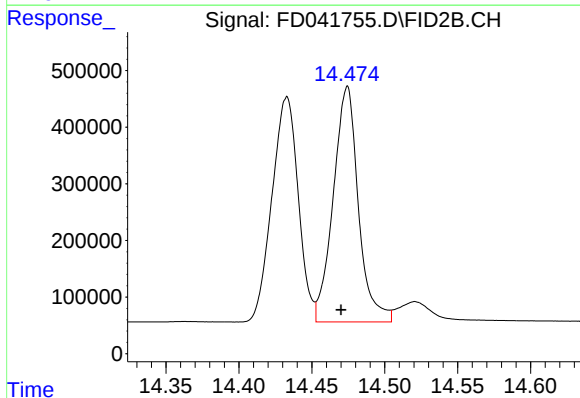
#13 Pyrene (C20.8)

R.T.: 12.560 min
Delta R.T.: 0.001 min
Response: 5261728
Conc: 31.12 ug/ml



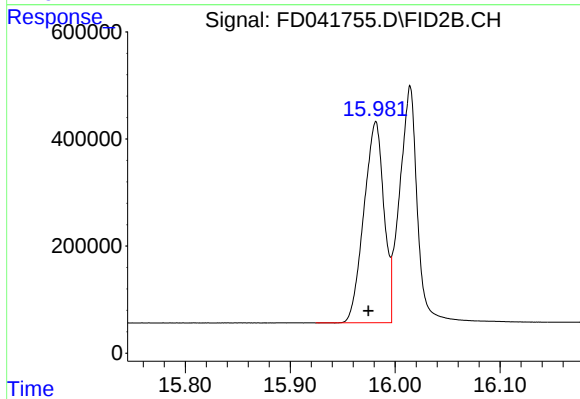
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.001 min
Response: 4991874
Conc: 33.38 ug/ml



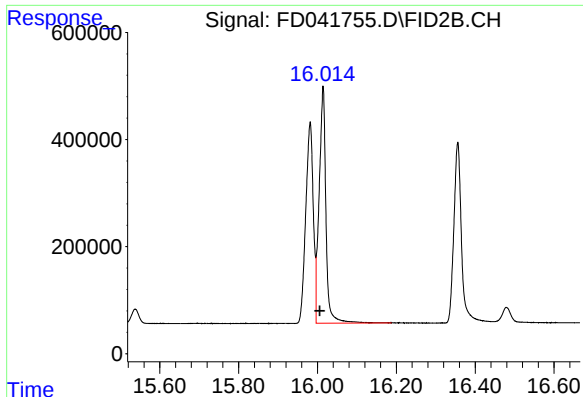
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: 0.004 min
Response: 4990524
Conc: 27.73 ug/ml



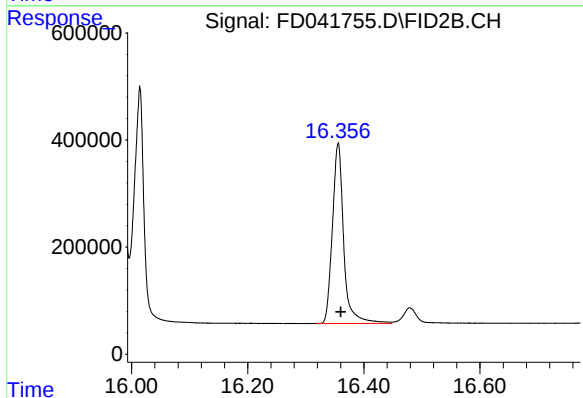
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: 0.006 min
Response: 4989893
Conc: 33.65 ug/ml



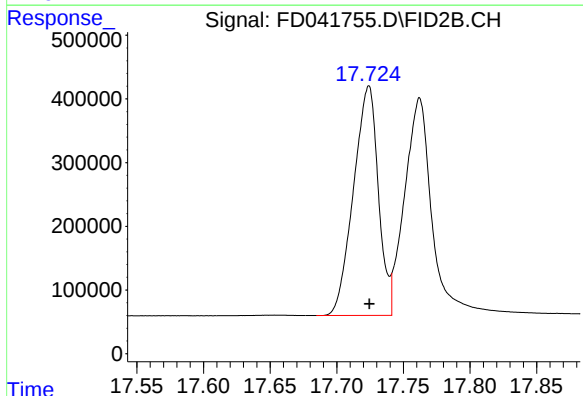
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: 0.007 min
Response: 5259148
Conc: 31.83 ug/ml



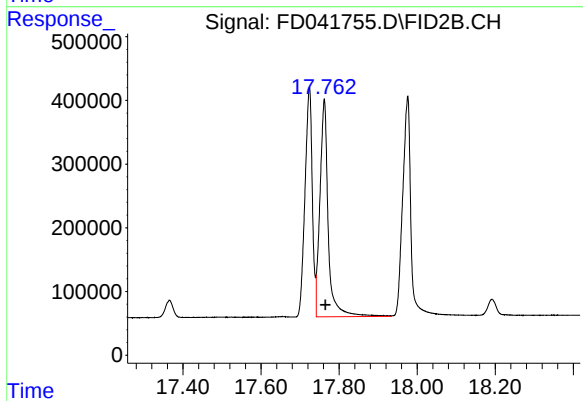
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: -0.005 min
Response: 4550592
Conc: 32.35 ug/ml



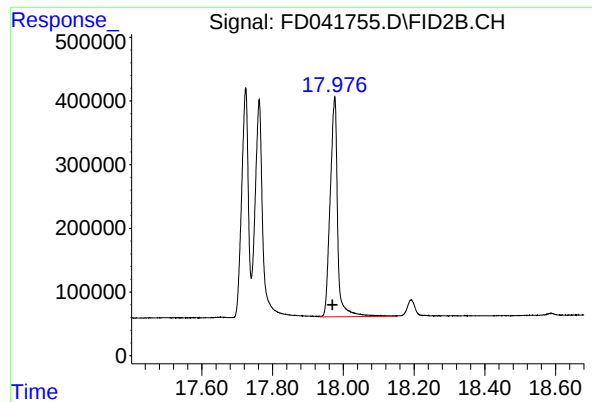
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.723 min
Delta R.T.: -0.002 min
Response: 4685680
Conc: 42.54 ug/ml



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

R.T.: 17.761 min
Delta R.T.: -0.004 min
Response: 5050248
Conc: 34.88 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.004 min
Response: 5040958
Conc: 37.98 ug/ml