

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040519AR\
 Data File : FD028699.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2019 9:29
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 08 03:15:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.103	2142786	22.586 ug/ml
Spiked Amount 50.000		Recovery =	45.17%
6) S 2-Fluorobiphenyl (SURR)	7.971	1441049	22.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.21%
11) S ortho-Terphenyl (SURR)	11.011	2358194	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.923	2301800	23.530 ug/ml
2) T Naphthalene (C11.7)	5.447	2466019	23.147 ug/ml
3) T 2-Methylnaphthalene (...)	6.495	2438582	22.794 ug/ml
5) T Acenaphthylene (C15.06)	7.775	2299536	22.206 ug/ml
7) T Acenaphthene (C15.5)	8.070	2402590	22.149 ug/ml
8) T Flouorene (C16.55)	8.851	2364319	21.747 ug/ml
9) T Phenanthrene (C19.36)	10.249	2301394	21.252 ug/ml
10) T Anthracene (C19.43)	10.323	2263976	21.075 ug/ml
12) T Fluoranthene (C21.85)	12.061	2313250	21.396 ug/ml
13) T Pyrene (C20.8)	12.360	2316844	21.515 ug/ml
14) T Benzo[a]anthracene (C...	14.228	2308111	22.014 ug/ml
15) T Chrysene (C27.41)	14.270	2323077	22.187 ug/ml
16) T benzo[b]fluoranthene ...	15.809	2387698	22.029 ug/ml
17) T Bnezo[k]fluoranthene ...	15.809	2387698	22.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.156	2411849	22.290 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.517	2440344	22.082 ug/ml
20) T Dibenz[a,h]anthracene...	17.555	2403297	22.357 ug/ml
21) T Benzo[g,h,i]perylene ...	17.774	2417954	22.311 ug/ml

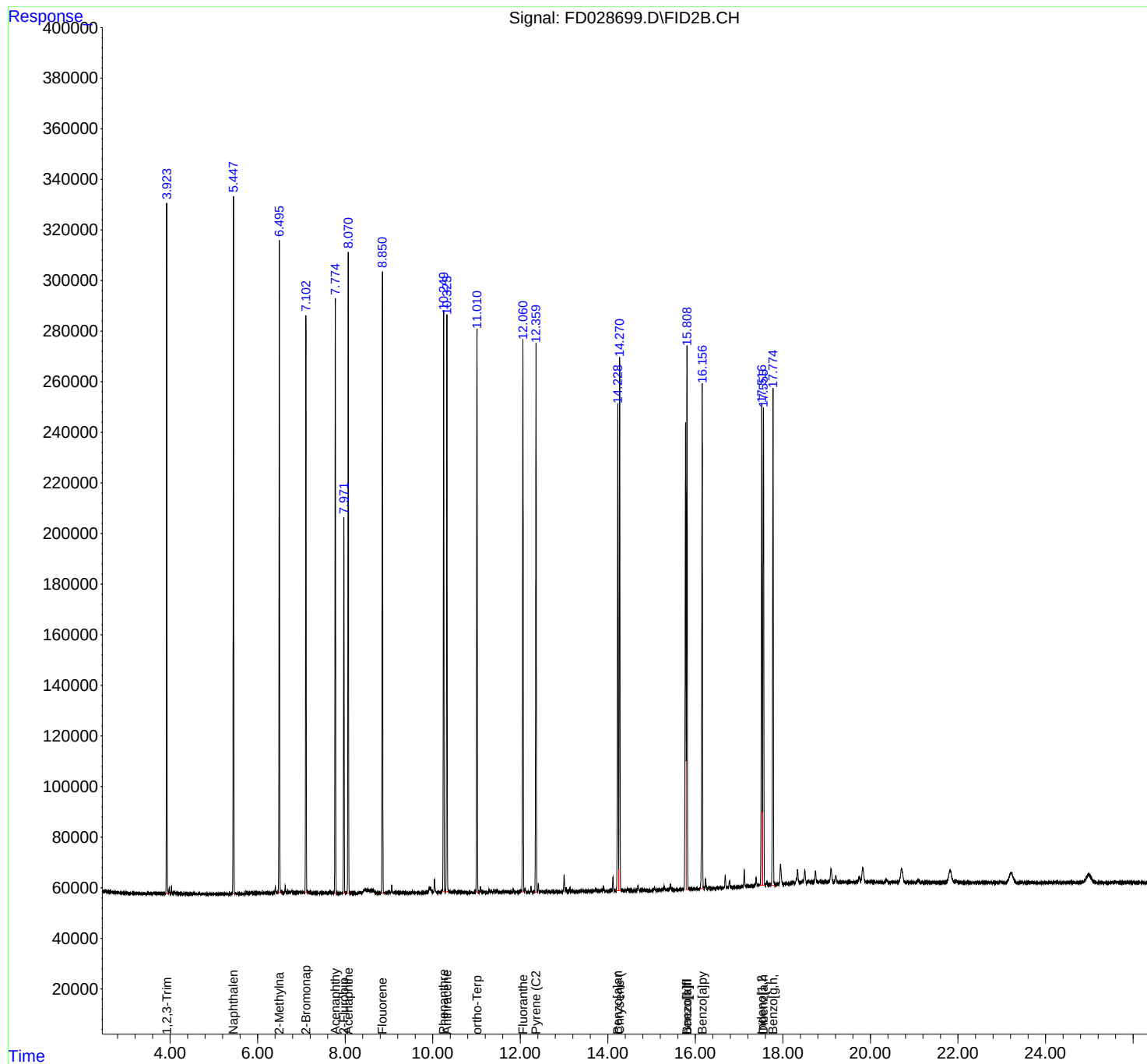
(f)=RT Delta > 1/2 Window

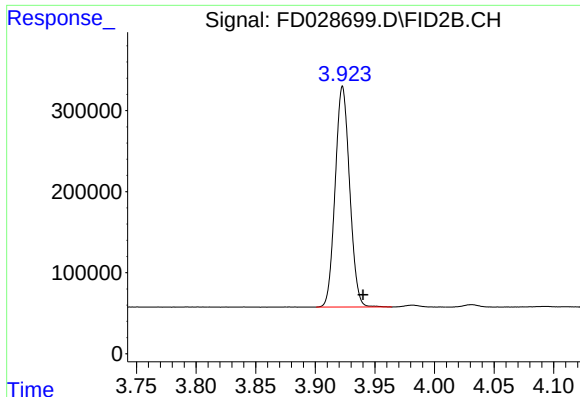
(m)=manual int.

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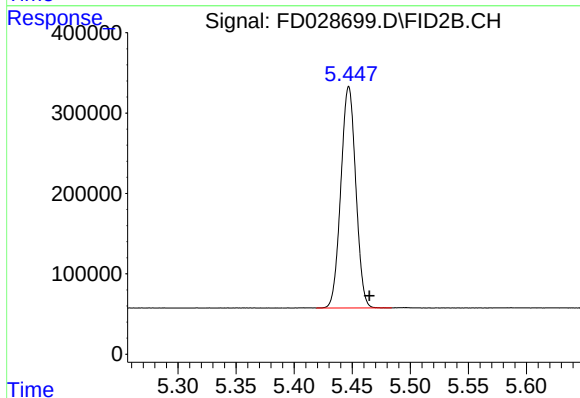
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Signal Info : 20M x 0.18mm x 0.18µm





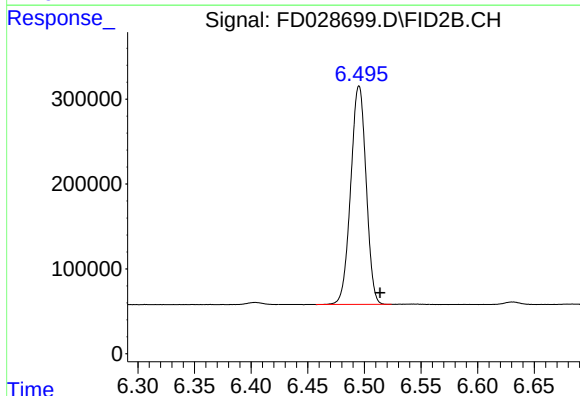
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.923 min
Delta R.T.: -0.017 min
Response: 2301800
Conc: 23.53 ug/ml



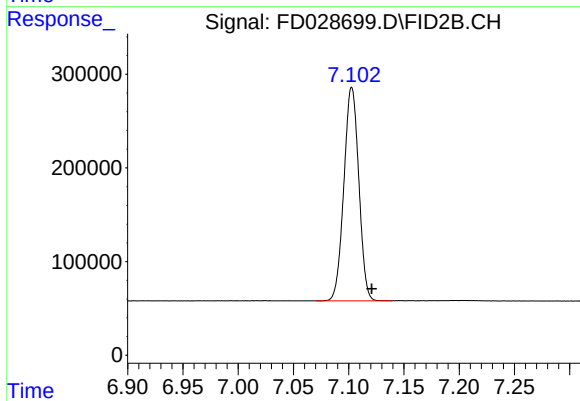
#2 Naphthalene (C11.7)

R.T.: 5.447 min
Delta R.T.: -0.018 min
Response: 2466019
Conc: 23.15 ug/ml



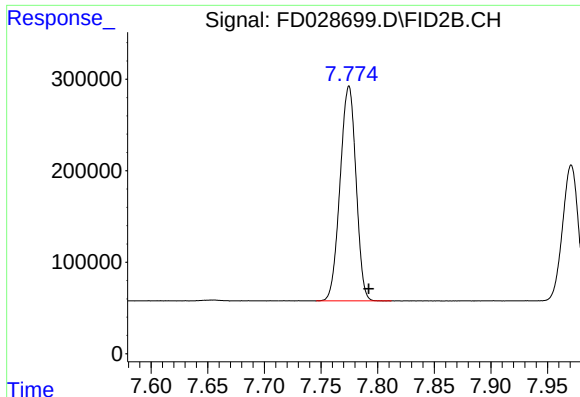
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.495 min
Delta R.T.: -0.018 min
Response: 2438582
Conc: 22.79 ug/ml



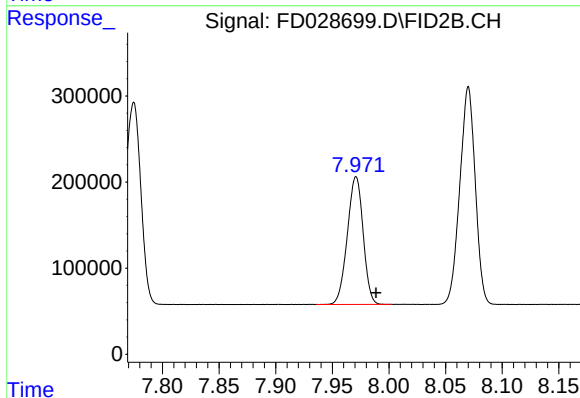
#4 2-Bromonaphthalene (SURR)

R.T.: 7.103 min
Delta R.T.: -0.018 min
Response: 2142786
Conc: 22.59 ug/ml



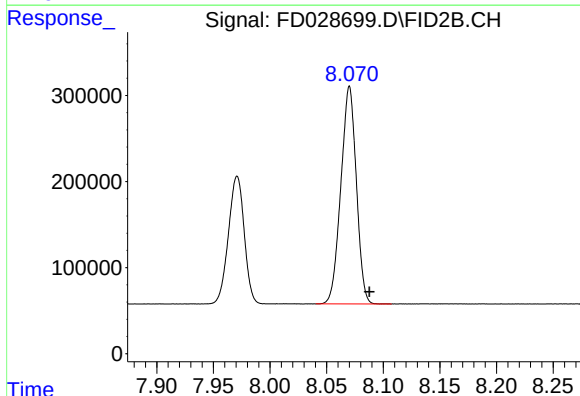
#5 Acenaphthylene (C15.06)

R.T.: 7.775 min
Delta R.T.: -0.017 min
Response: 2299536
Conc: 22.21 ug/ml



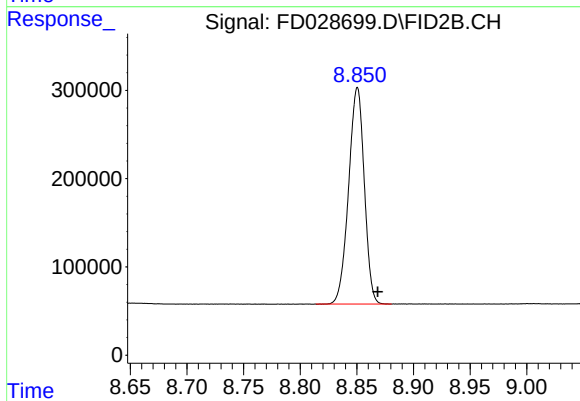
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.971 min
Delta R.T.: -0.018 min
Response: 1441049
Conc: 22.10 ug/ml



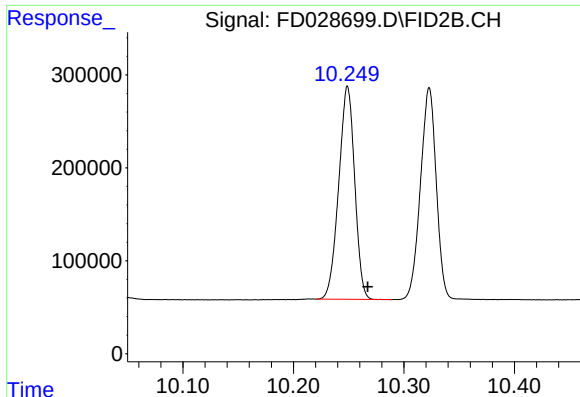
#7 Acenaphthene (C15.5)

R.T.: 8.070 min
Delta R.T.: -0.018 min
Response: 2402590
Conc: 22.15 ug/ml



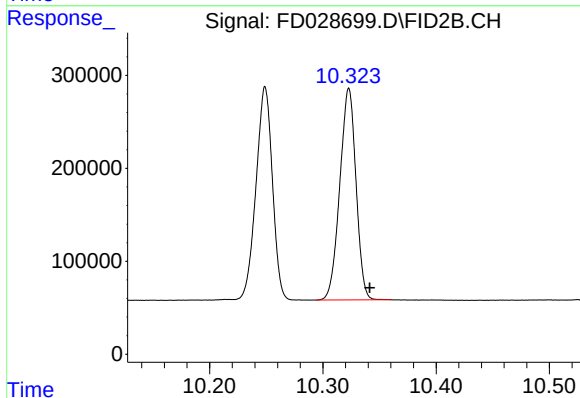
#8 Fluorene (C16.55)

R.T.: 8.851 min
Delta R.T.: -0.018 min
Response: 2364319
Conc: 21.75 ug/ml



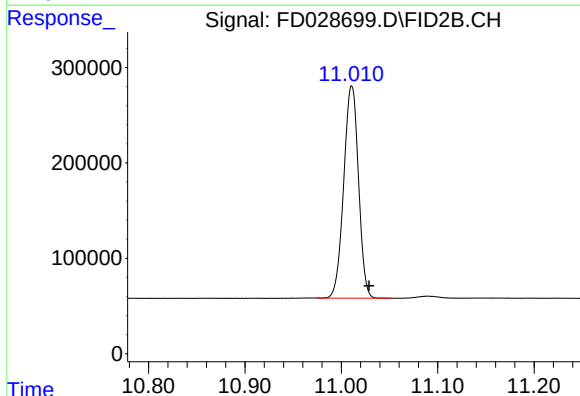
#9 Phenanthrene (C19.36)

R.T.: 10.249 min
Delta R.T.: -0.018 min
Response: 2301394
Conc: 21.25 ug/ml



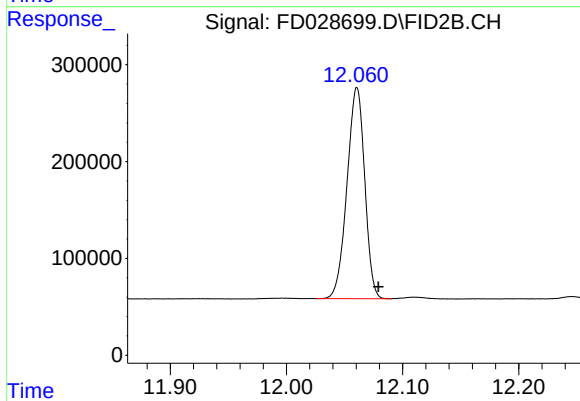
#10 Anthracene (C19.43)

R.T.: 10.323 min
Delta R.T.: -0.018 min
Response: 2263976
Conc: 21.08 ug/ml



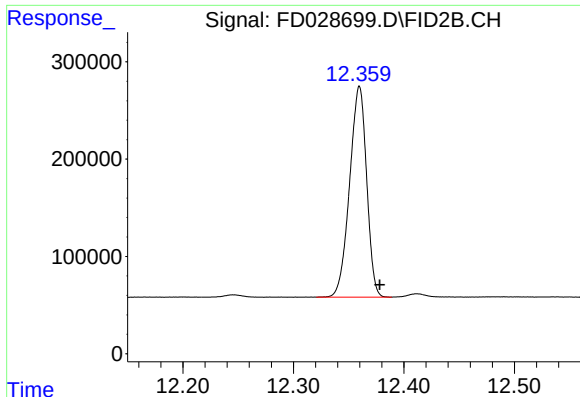
#11 ortho-Terphenyl (SURR)

R.T.: 11.011 min
Delta R.T.: -0.018 min
Response: 2358194
Conc: 21.19 ug/ml



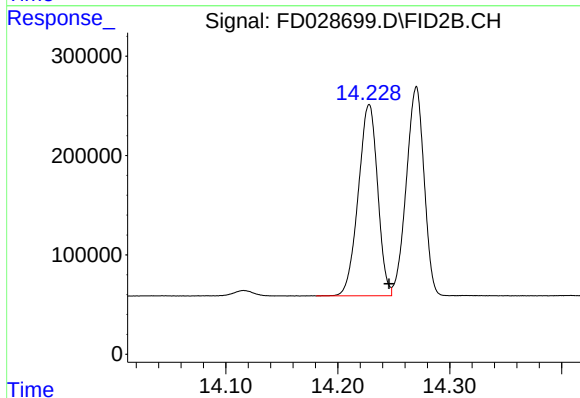
#12 Fluoranthene (C21.85)

R.T.: 12.061 min
Delta R.T.: -0.019 min
Response: 2313250
Conc: 21.40 ug/ml



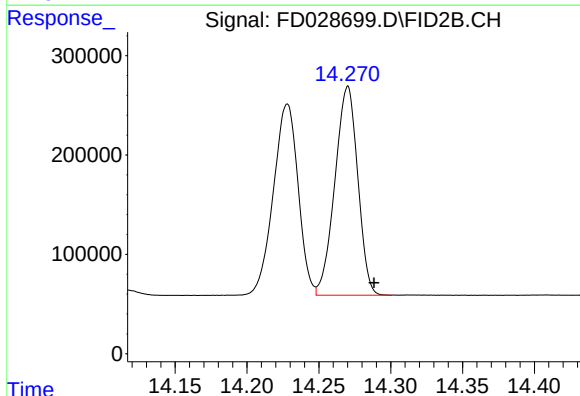
#13 Pyrene (C20.8)

R.T.: 12.360 min
Delta R.T.: -0.018 min
Response: 2316844
Conc: 21.51 ug/ml



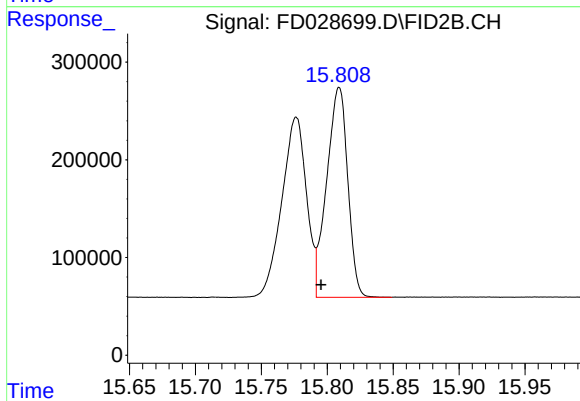
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.228 min
Delta R.T.: -0.018 min
Response: 2308111
Conc: 22.01 ug/ml



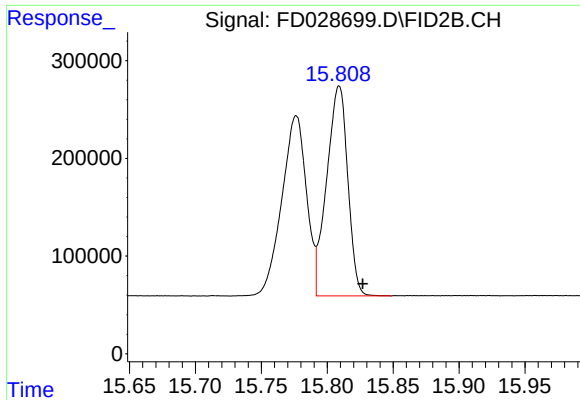
#15 Chrysene (C27.41)

R.T.: 14.270 min
Delta R.T.: -0.018 min
Response: 2323077
Conc: 22.19 ug/ml



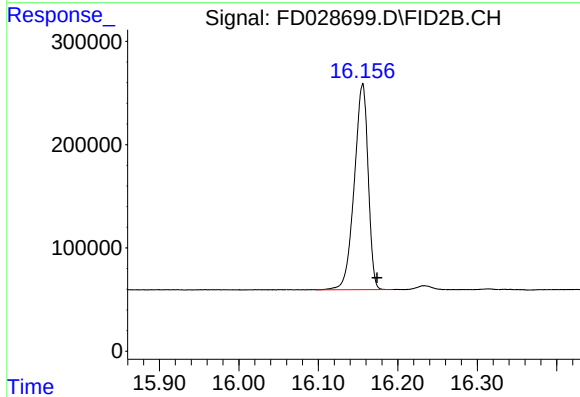
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.809 min
Delta R.T.: 0.014 min
Response: 2387698
Conc: 22.03 ug/ml



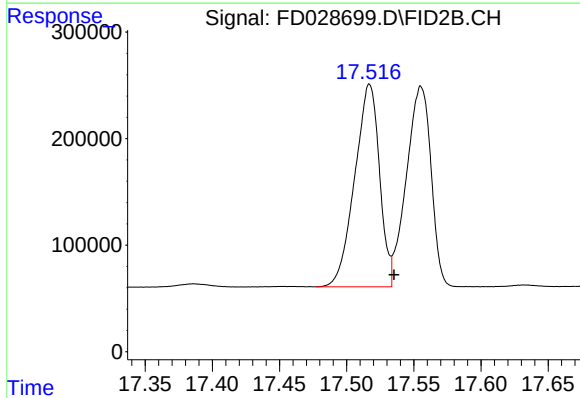
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.809 min
Delta R.T.: -0.018 min
Response: 2387698
Conc: 22.25 ug/ml



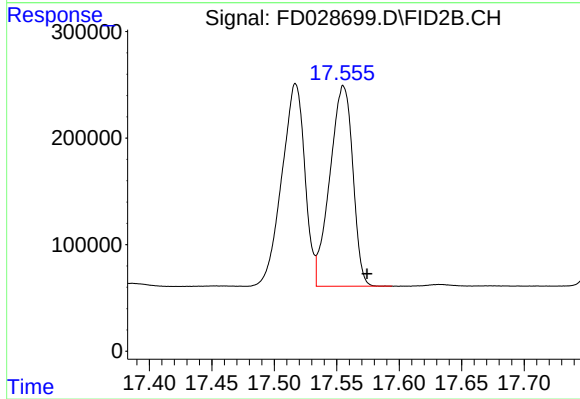
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.156 min
Delta R.T.: -0.018 min
Response: 2411849
Conc: 22.29 ug/ml



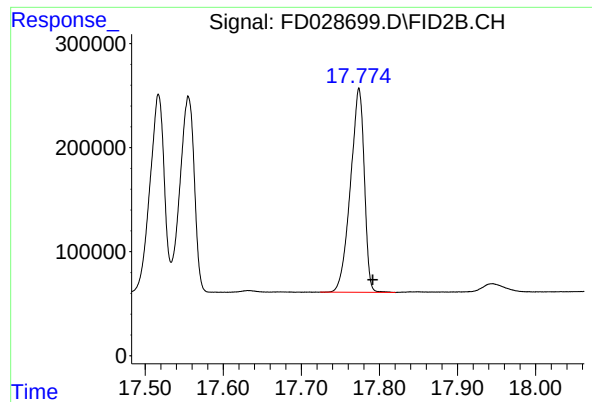
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.517 min
Delta R.T.: -0.018 min
Response: 2440344
Conc: 22.08 ug/ml



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

R.T.: 17.555 min
Delta R.T.: -0.019 min
Response: 2403297
Conc: 22.36 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.018 min
Response: 2417954
Conc: 22.31 ug/ml