

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AR\
 Data File : FD041269.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2022 13:19
 Operator : UA/NP
 Sample : PB142926BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 21:58:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.365	6534138	40.440 ug/ml
Spiked Amount 50.000		Recovery =	80.88%
6) S 2-Fluorobiphenyl (SURR)	8.214	4402654	42.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.59%
11) S ortho-Terphenyl (SURR)	11.249	6244005	35.598 ug/ml
Spiked Amount 50.000		Recovery =	71.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	5541536	31.619 ug/ml
2) T Naphthalene (C11.7)	5.707	6323479	34.671 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	6547715	36.177 ug/ml
5) T Acenaphthylene (C15.06)	8.017	6665260	37.284 ug/ml
7) T Acenaphthene (C15.5)	8.313	7249330	37.925 ug/ml
8) T Fluorene (C16.55)	9.090	7252241	42.351 ug/ml
9) T Phenanthrene (C19.36)	10.476	7395795	45.017 ug/ml
10) T Anthracene (C19.43)	10.551	7258577	45.388 ug/ml
12) T Fluoranthene (C21.85)	12.279	7972067	47.448 ug/ml
13) T Pyrene (C20.8)	12.572	7174415	42.793 ug/ml
14) T Benzo[a]anthracene (C...	14.441	6643319	45.779 ug/ml
15) T Chrysene (C27.41)	14.484	6552822	39.793 ug/ml
16) T benzo[b]fluoranthene ...	15.987	6383241	46.770 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	6251395	42.363 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	5837367	44.394 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.726	5545221	44.235 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	5705950	40.366 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	5879347	45.409 ug/ml

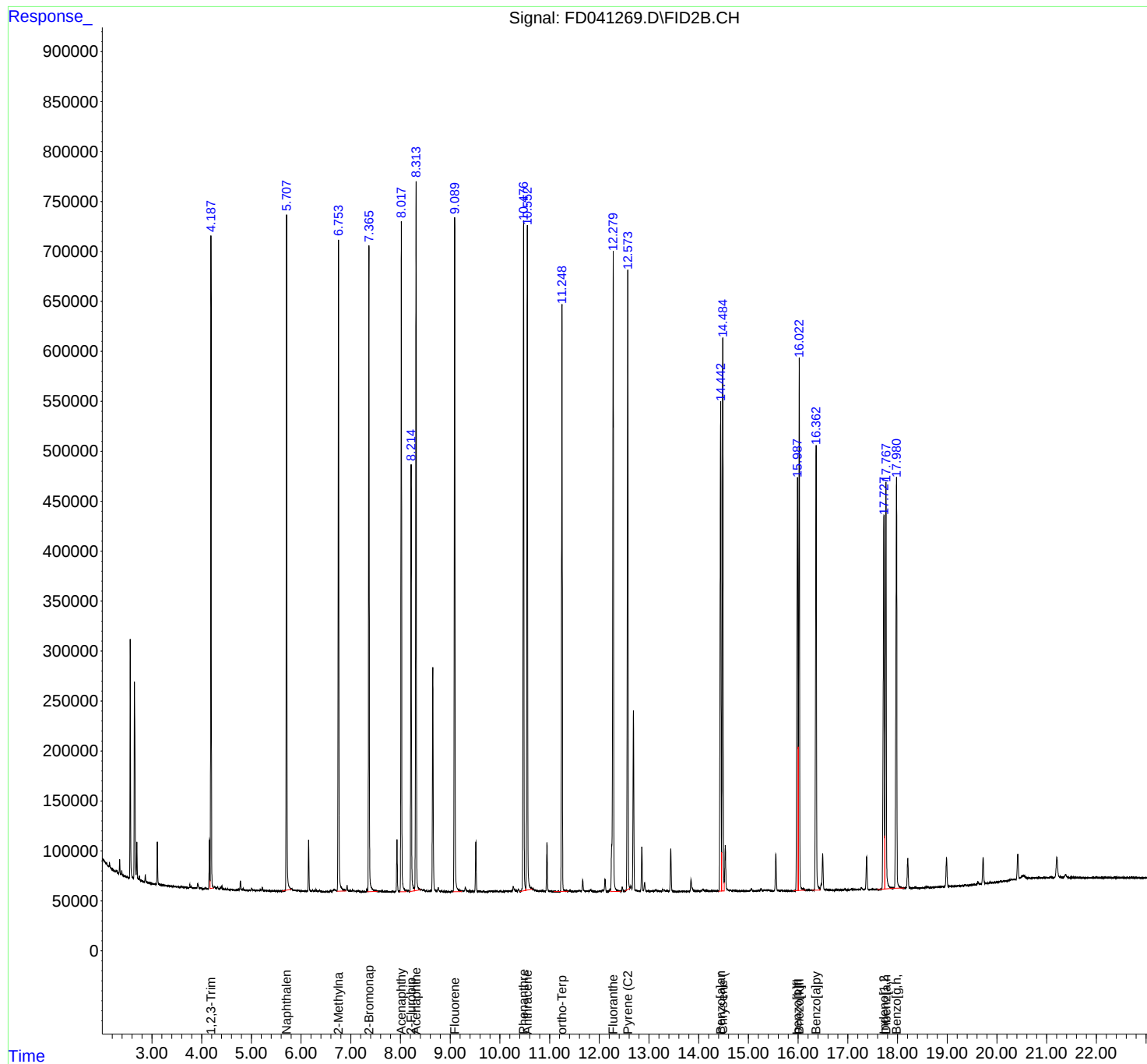
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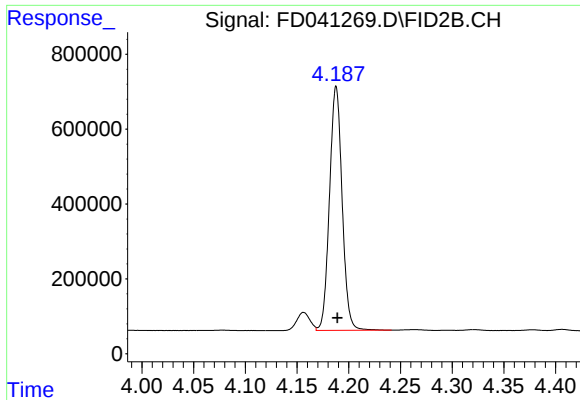
(m)=manual int.

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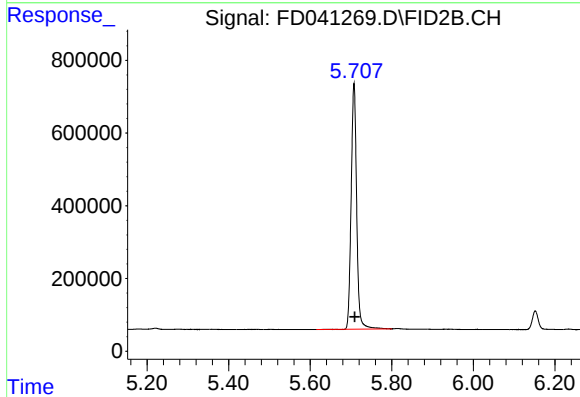
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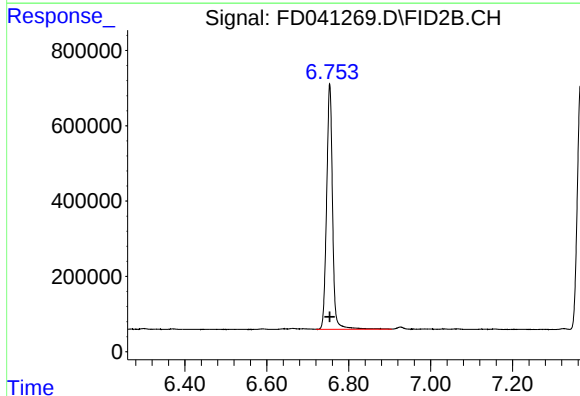
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 5541536
Conc: 31.62 ug/ml



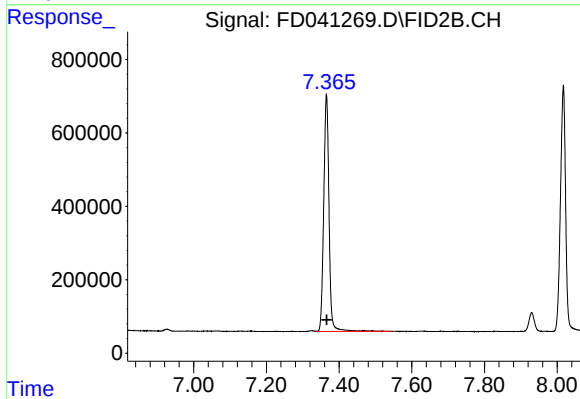
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 6323479
Conc: 34.67 ug/ml



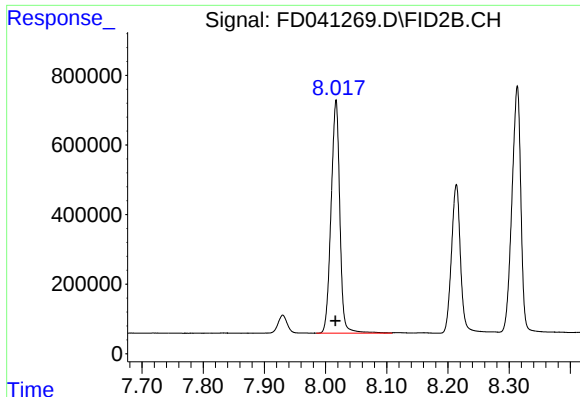
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 6547715
Conc: 36.18 ug/ml



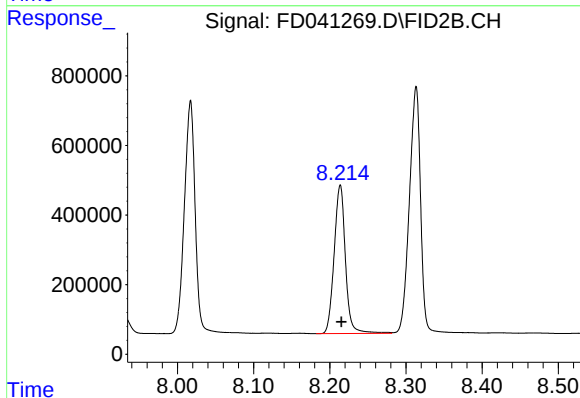
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 6534138
Conc: 40.44 ug/ml



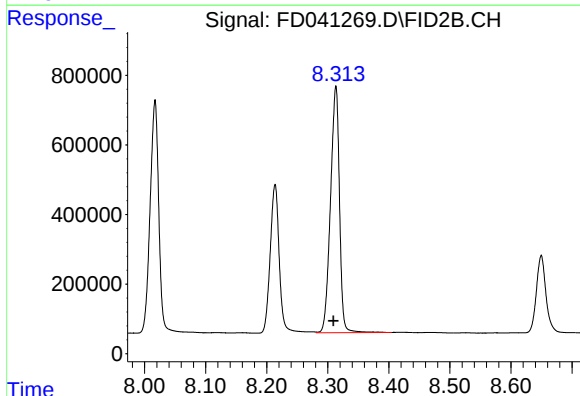
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 6665260
Conc: 37.28 ug/ml



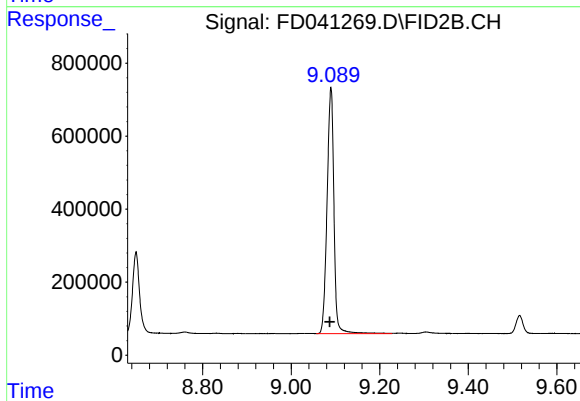
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 4402654
Conc: 42.29 ug/ml



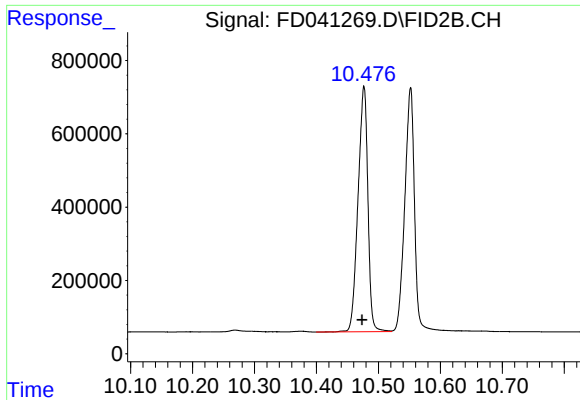
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.004 min
Response: 7249330
Conc: 37.93 ug/ml



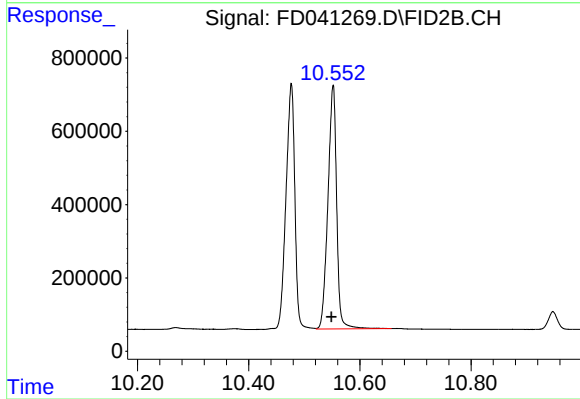
#8 Fluorene (C16.55)

R.T.: 9.090 min
Delta R.T.: 0.002 min
Response: 7252241
Conc: 42.35 ug/ml



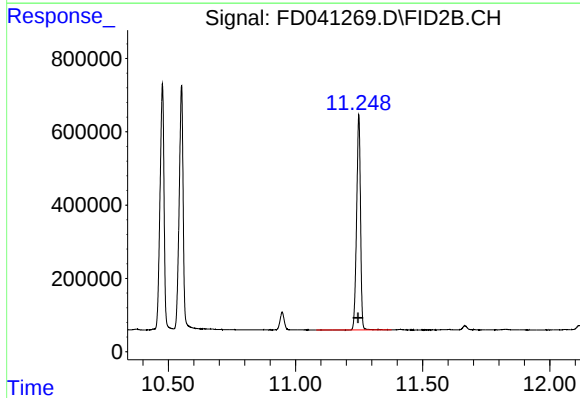
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: 0.003 min
Response: 7395795
Conc: 45.02 ug/ml



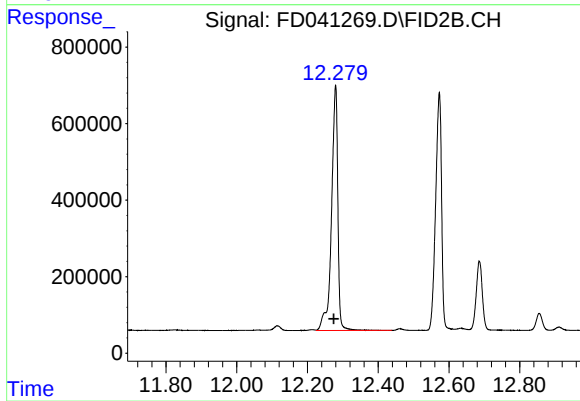
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.003 min
Response: 7258577
Conc: 45.39 ug/ml



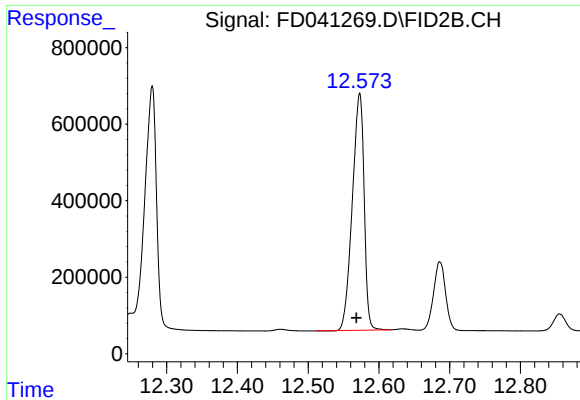
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.002 min
Response: 6244005
Conc: 35.60 ug/ml



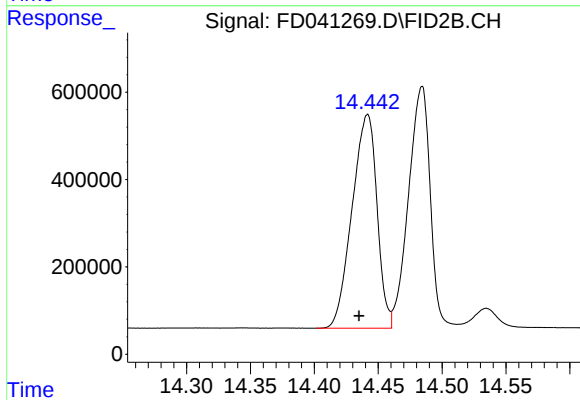
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: 0.004 min
Response: 7972067
Conc: 47.45 ug/ml



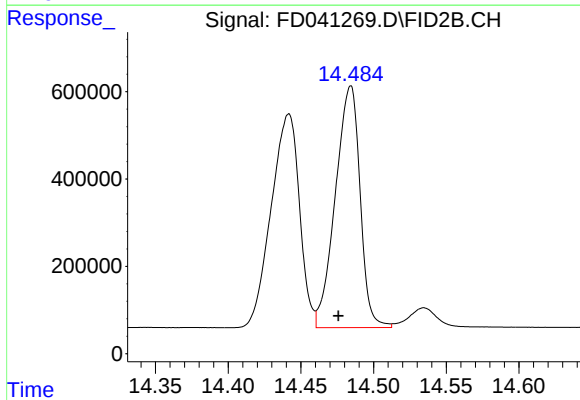
#13 Pyrene (C20.8)

R.T.: 12.572 min
Delta R.T.: 0.004 min
Response: 7174415
Conc: 42.79 ug/ml



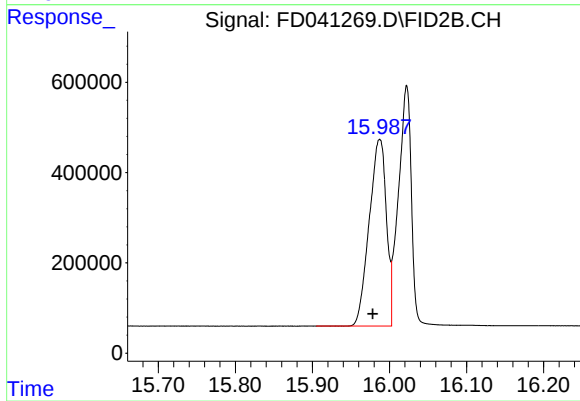
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.006 min
Response: 6643319
Conc: 45.78 ug/ml



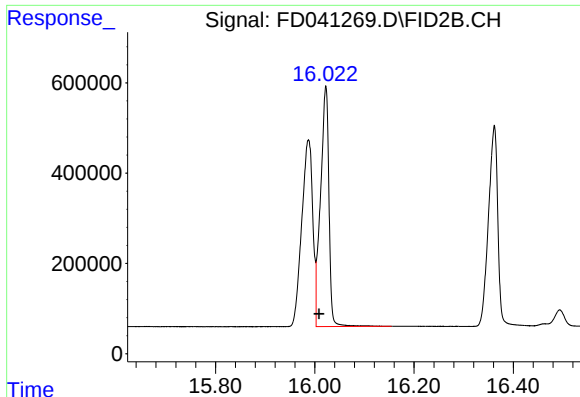
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.008 min
Response: 6552822
Conc: 39.79 ug/ml



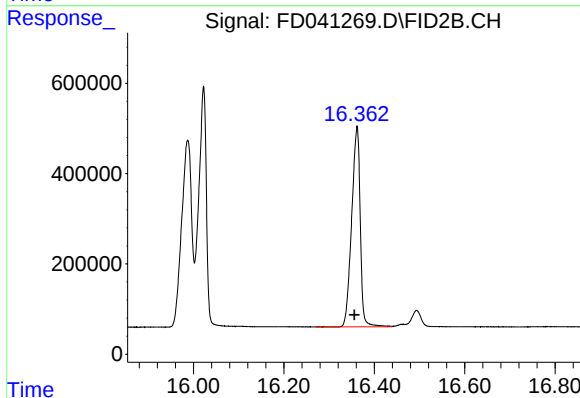
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.987 min
Delta R.T.: 0.009 min
Response: 6383241
Conc: 46.77 ug/ml



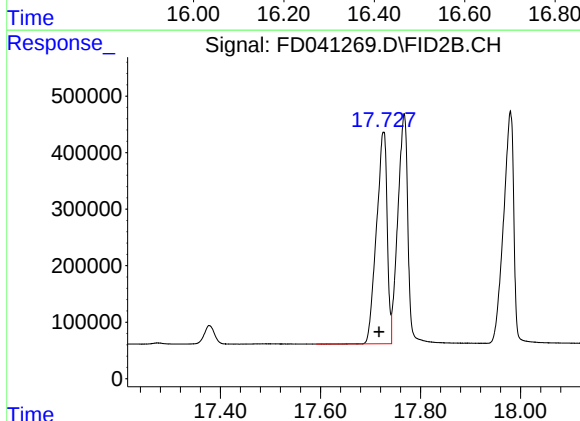
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: 0.013 min
Response: 6251395
Conc: 42.36 ug/ml



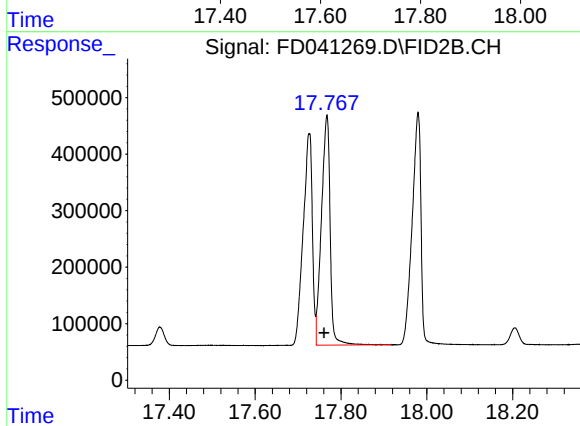
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.005 min
Response: 5837367
Conc: 44.39 ug/ml



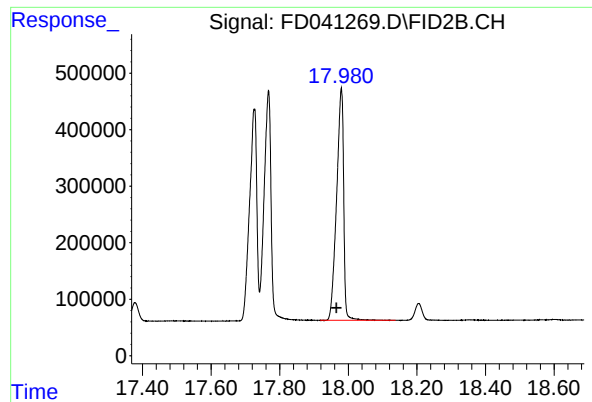
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.726 min
Delta R.T.: 0.009 min
Response: 5545221
Conc: 44.24 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.006 min
Response: 5705950
Conc: 40.37 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.014 min
Response: 5879347
Conc: 45.41 ug/ml