

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AR\
 Data File : FD041235.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 14:25
 Operator : UA/NP
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 15:50:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 15:49:31 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...	7.367	7386359	49.165 ug/ml
Spiked Amount 50.000		Recovery =	98.33%
6) S 2-Fluorobiphenyl (SURR)	8.215	4955991	49.621 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.24%
11) S ortho-Terphenyl (SURR)	11.252	7922241	49.206 ug/ml
Spiked Amount 50.000		Recovery =	98.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	8064170	49.056 ug/ml
2) T Naphthalene (C11.7)	5.710	8462884	49.437 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	8475439	49.553 ug/ml
5) T Acenaphthylene (C15.06)	8.020	8132723	49.227 ug/ml
7) T Acenaphthene (C15.5)	8.315	8686372	49.128 ug/ml
8) T Fluorene (C16.55)	9.091	7947639	49.423 ug/ml
9) T Phenanthrene (C19.36)	10.478	7747017	49.421 ug/ml
10) T Anthracene (C19.43)	10.554	7544382	49.583 ug/ml
12) T Fluoranthene (C21.85)	12.282	7716424	49.584 ug/ml
13) T Pyrene (C20.8)	12.575	7762300	49.584 ug/ml
14) T Benzo[a]anthracene (C...	14.443	7017458	50.054 ug/ml
15) T Chrysene (C27.41)	14.487	7412963	49.331 ug/ml
16) T benzo[b]fluoranthene ...	15.988	6569336	49.687 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	6681793	49.026 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	6187058	49.091 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	6049941	48.944 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	6312169	48.815 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	6000879	48.887 ug/ml

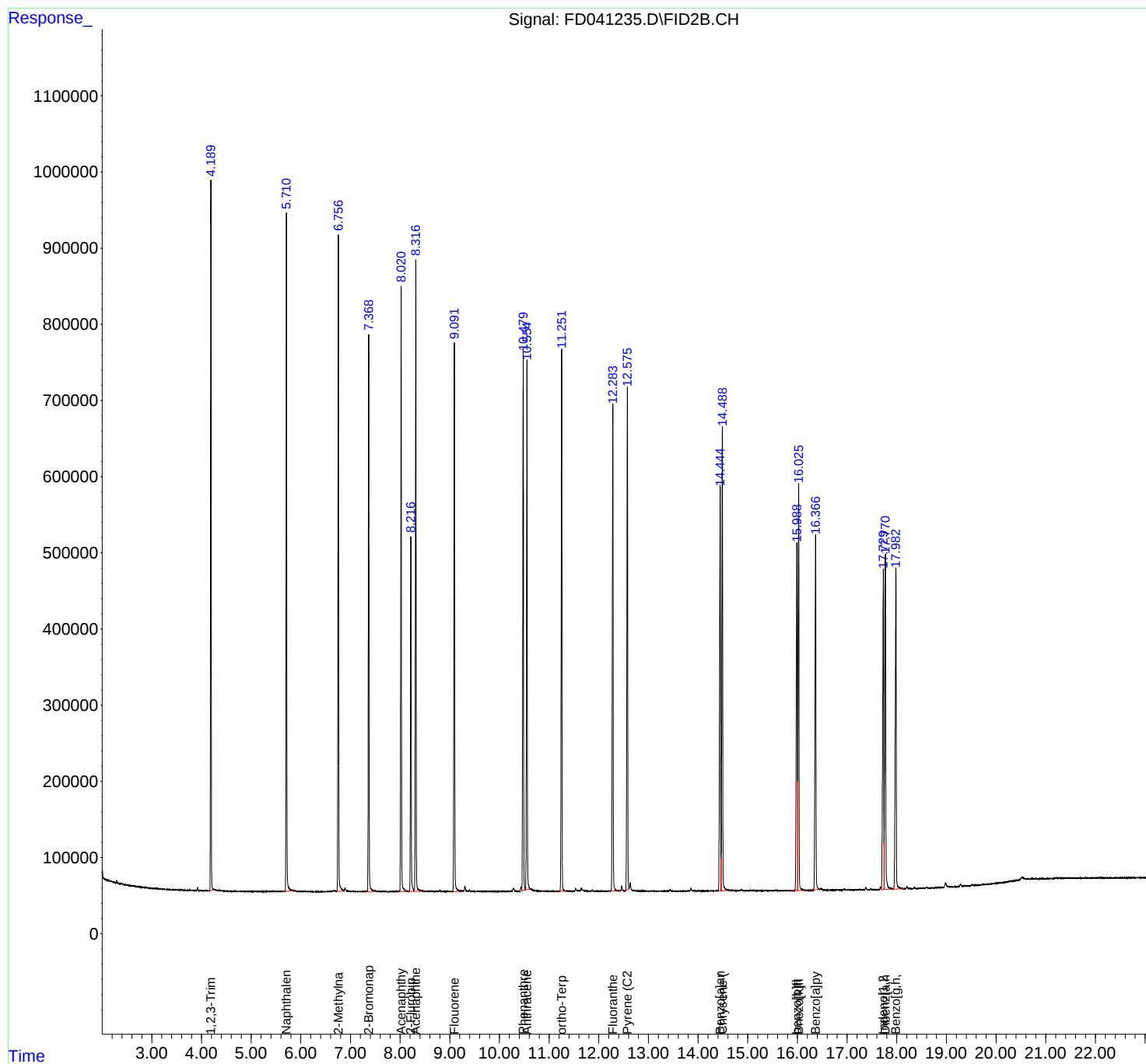
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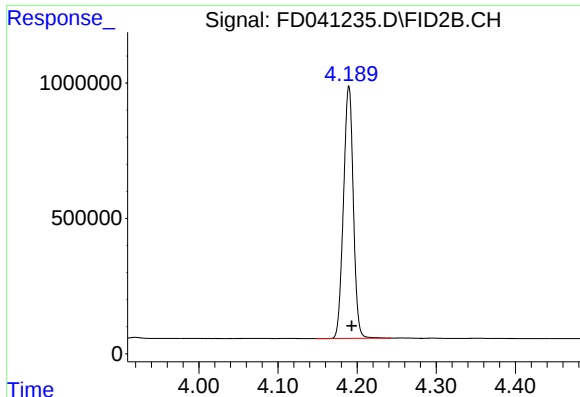
(m)=manual int.

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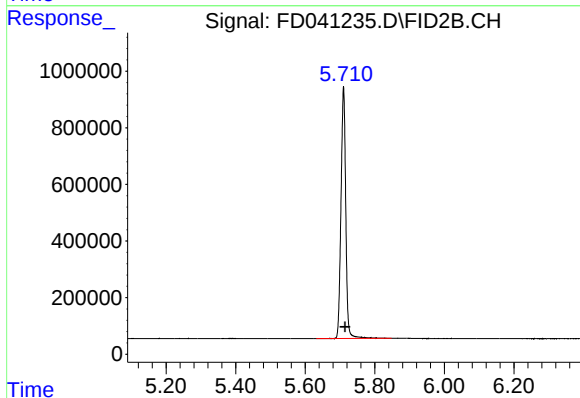
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





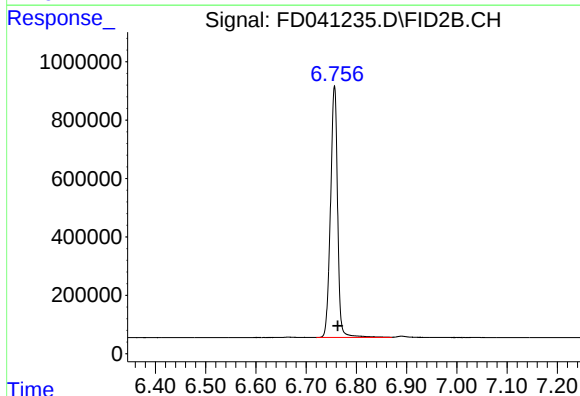
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.189 min
Delta R.T.: -0.004 min
Response: 8064170
Conc: 49.06 ug/ml



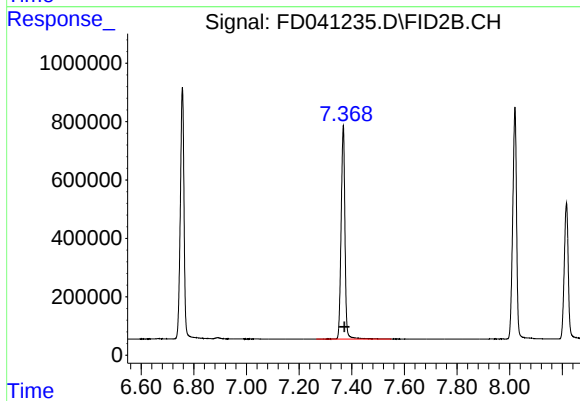
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 8462884
Conc: 49.44 ug/ml



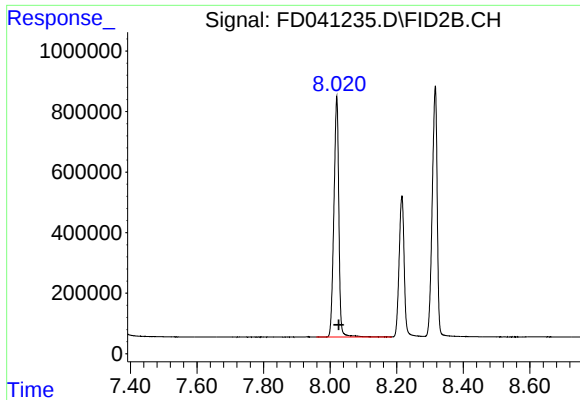
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.007 min
Response: 8475439
Conc: 49.55 ug/ml



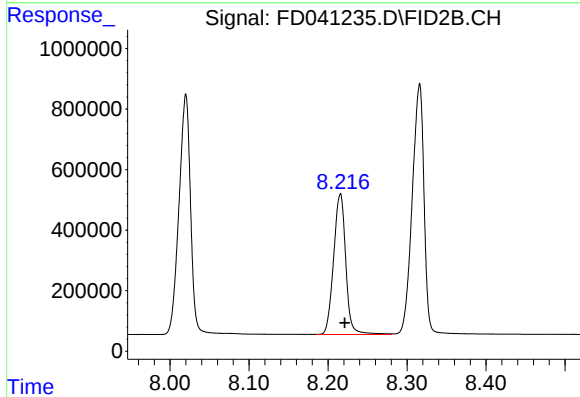
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 7386359
Conc: 49.16 ug/ml



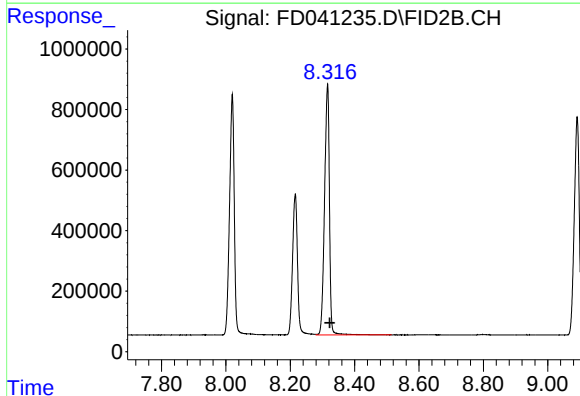
#5 Acenaphthylene (C15.06)

R.T.: 8.020 min
Delta R.T.: -0.007 min
Response: 8132723
Conc: 49.23 ug/ml



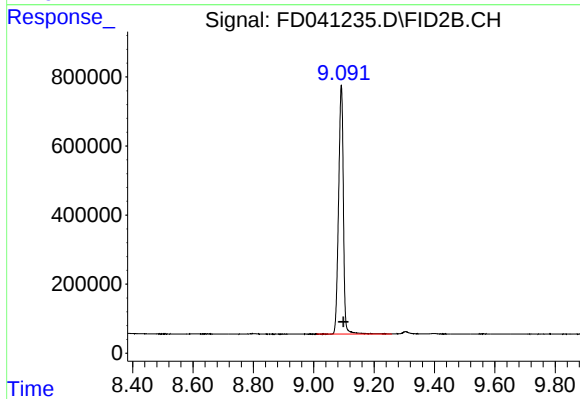
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.006 min
Response: 4955991
Conc: 49.62 ug/ml



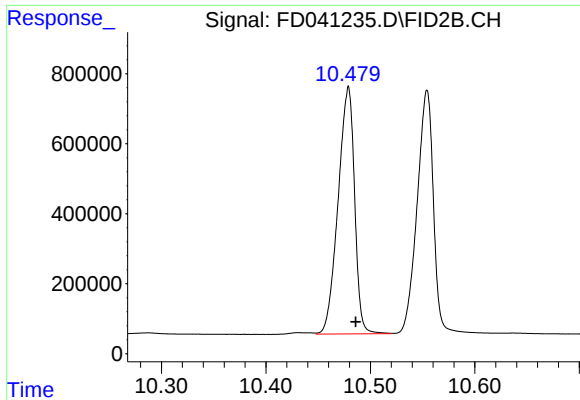
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.008 min
Response: 8686372
Conc: 49.13 ug/ml



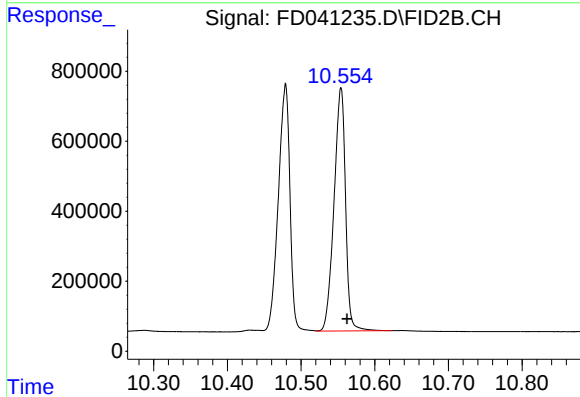
#8 Fluorene (C16.55)

R.T.: 9.091 min
Delta R.T.: -0.007 min
Response: 7947639
Conc: 49.42 ug/ml



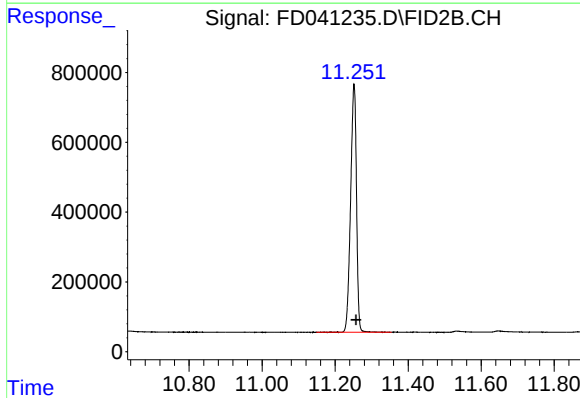
#9 Phenanthrene (C19.36)

R.T.: 10.478 min
Delta R.T.: -0.008 min
Response: 7747017
Conc: 49.42 ug/ml



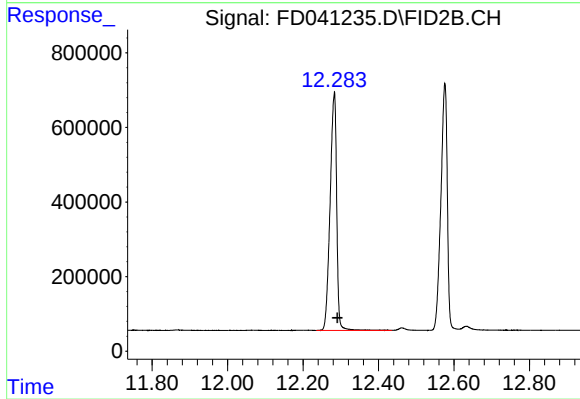
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: -0.009 min
Response: 7544382
Conc: 49.58 ug/ml



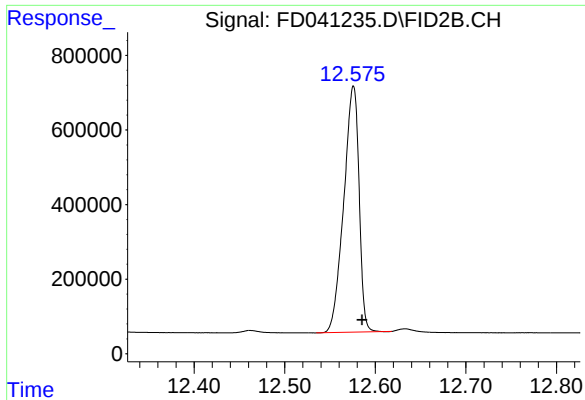
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.006 min
Response: 7922241
Conc: 49.21 ug/ml



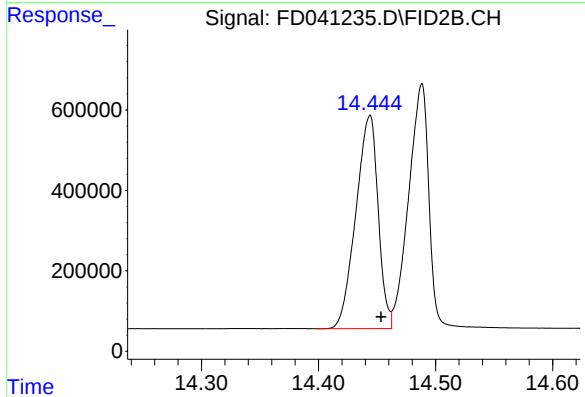
#12 Fluoranthene (C21.85)

R.T.: 12.282 min
Delta R.T.: -0.009 min
Response: 7716424
Conc: 49.58 ug/ml



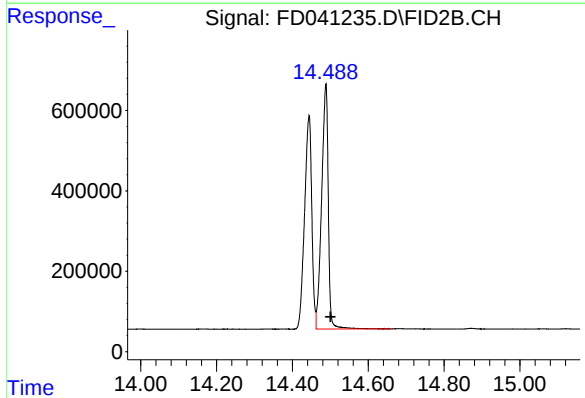
#13 Pyrene (C20.8)

R.T.: 12.575 min
Delta R.T.: -0.010 min
Response: 7762300
Conc: 49.58 ug/ml



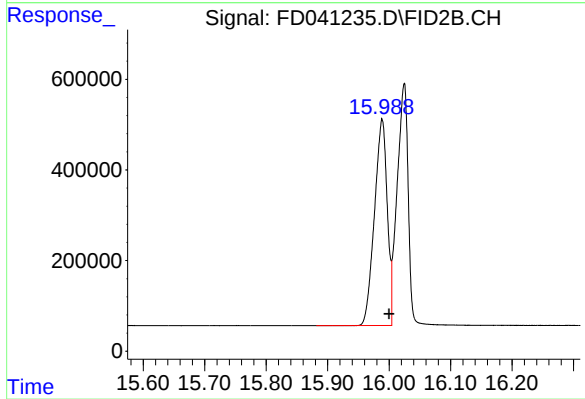
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.010 min
Response: 7017458
Conc: 50.05 ug/ml



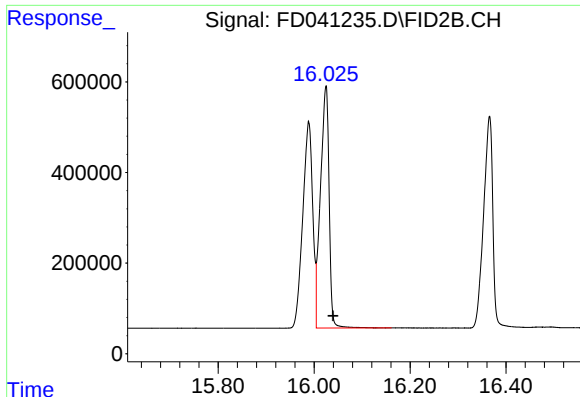
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.013 min
Response: 7412963
Conc: 49.33 ug/ml



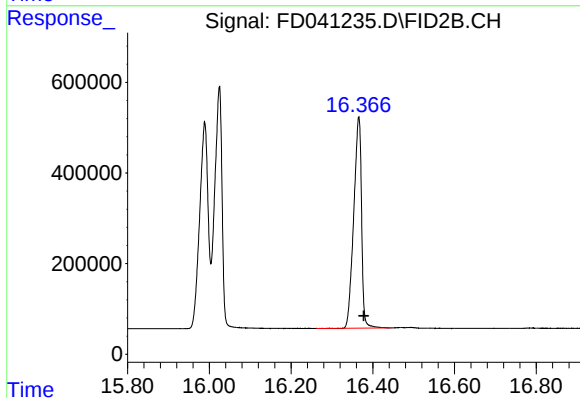
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: -0.012 min
Response: 6569336
Conc: 49.69 ug/ml



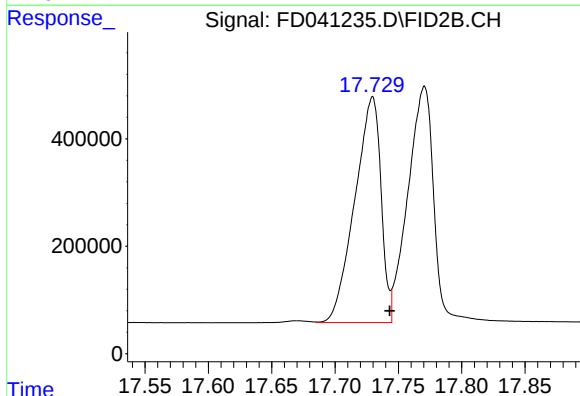
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.016 min
Response: 6681793
Conc: 49.03 ug/ml



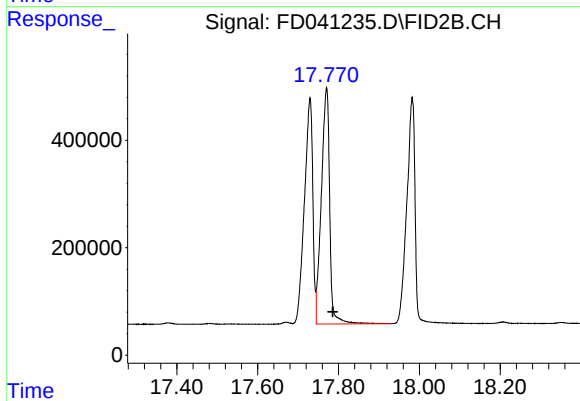
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.013 min
Response: 6187058
Conc: 49.09 ug/ml



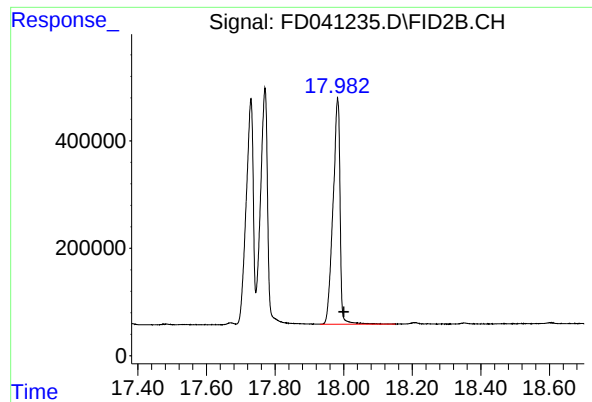
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: -0.014 min
Response: 6049941
Conc: 48.94 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.016 min
Response: 6312169
Conc: 48.82 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.019 min
Response: 6000879
Conc: 48.89 ug/ml