

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121021AR\
 Data File : FD039790.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 17:28
 Operator : AJ\MA
 Sample : PB141218BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 23:32:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 04:09:28 2021
 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...	7.575	6410167	44.970 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
6) S 2-Fluorobiphenyl (SURR)	8.436	4373746	45.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.78%
11) S ortho-Terphenyl (SURR)	11.474	6787565	42.010 ug/ml
Spiked Amount 50.000		Recovery =	84.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	4793740	31.234 ug/ml
2) T Naphthalene (C11.7)	5.913	5381374	34.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	5354786	33.218 ug/ml
5) T Acenaphthylene (C15.06)	8.238	5872474	37.780 ug/ml
7) T Acenaphthene (C15.5)	8.534	6282975	38.003 ug/ml
8) T Flouorene (C16.55)	9.315	6221247	39.665 ug/ml
9) T Phenanthrene (C19.36)	10.711	6707957	42.343 ug/ml
10) T Anthracene (C19.43)	10.785	6259642	42.708 ug/ml
12) T Fluoranthene (C21.85)	12.522	6927569	43.854 ug/ml
13) T Pyrene (C20.8)	12.819	6830818	44.675 ug/ml
14) T Benzo[a]anthracene (C...	14.690	6281648	49.391 ug/ml
15) T Chrysene (C27.41)	14.733	6666597	48.152 ug/ml
16) T benzo[b]fluoranthene ...	16.240	6104024	49.538 ug/ml
17) T Bnezo[k]fluoranthene ...	16.273	5779541	45.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	5730836	50.707 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	4940492	47.236 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	5102407	49.208 ug/ml
21) T Benzo[g,h,i]perylene ...	18.239	5199185	47.520 ug/ml

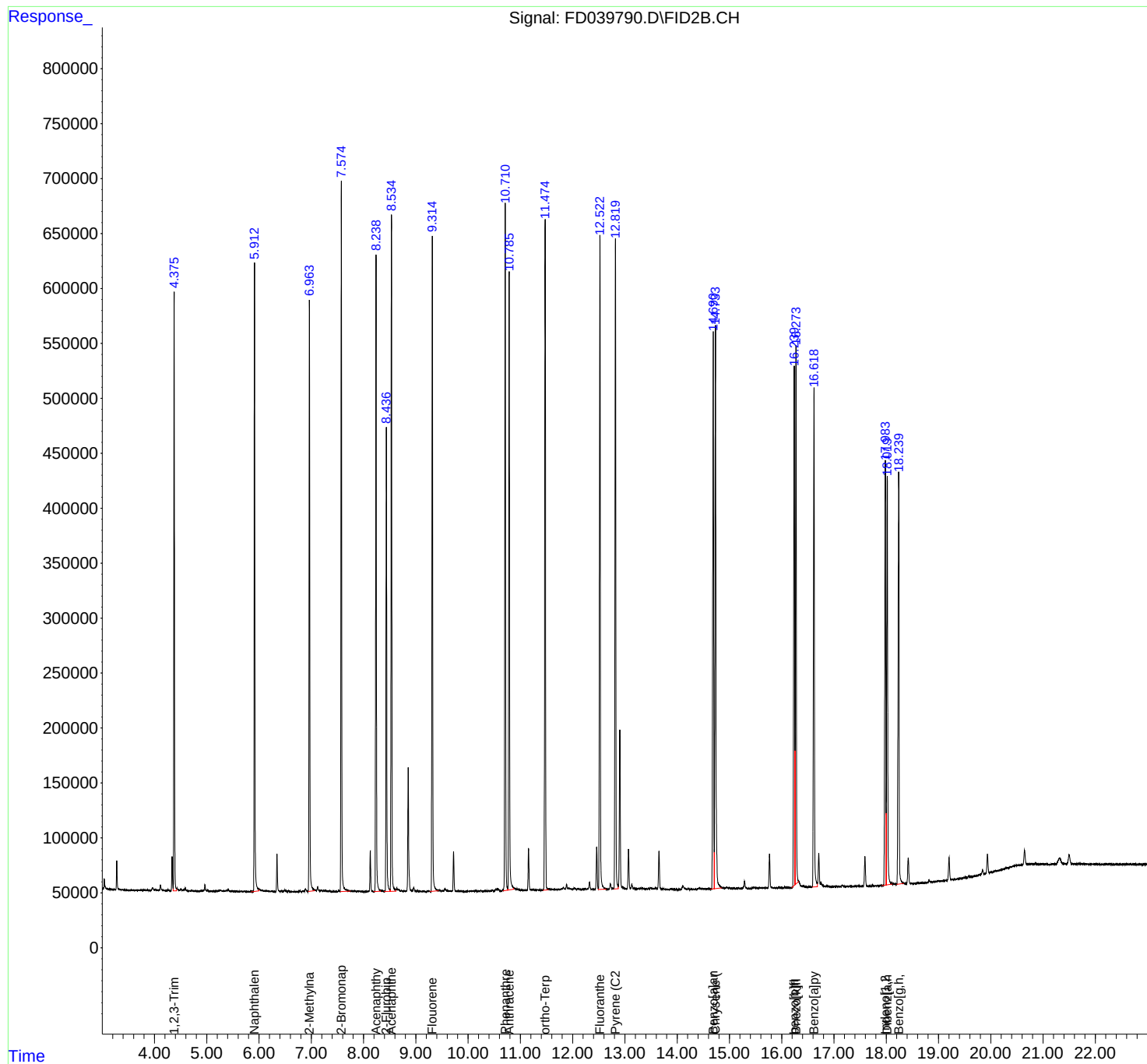
(f)=RT Delta > 1/2 Window

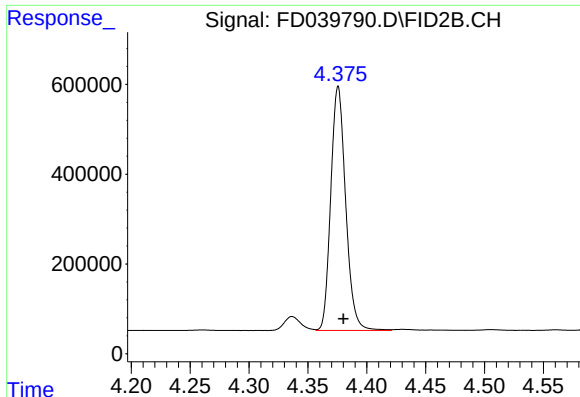
(m)=manual int.

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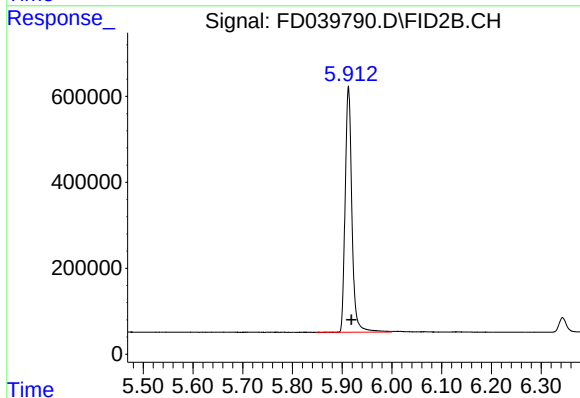
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Signal Info : 20M x 0.18mm x 0.18µm





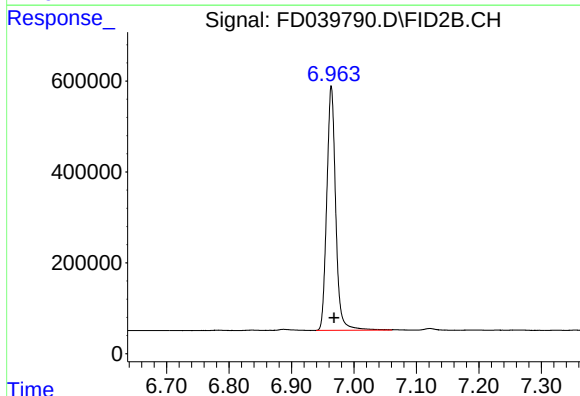
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.004 min
Response: 4793740
Conc: 31.23 ug/ml



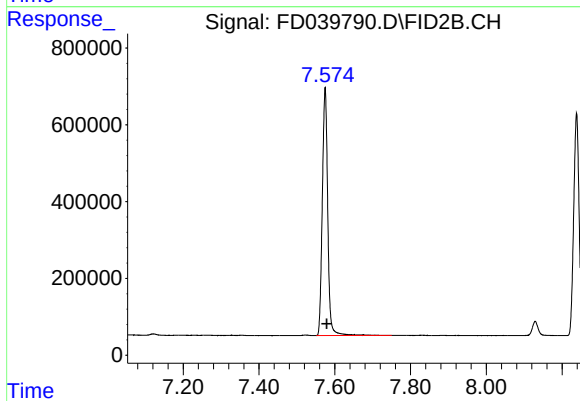
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.006 min
Response: 5381374
Conc: 34.39 ug/ml



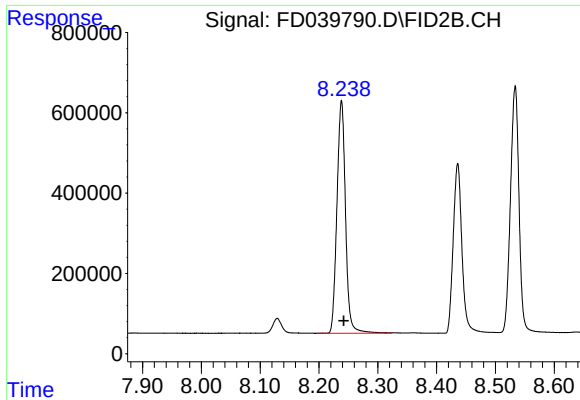
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: -0.005 min
Response: 5354786
Conc: 33.22 ug/ml



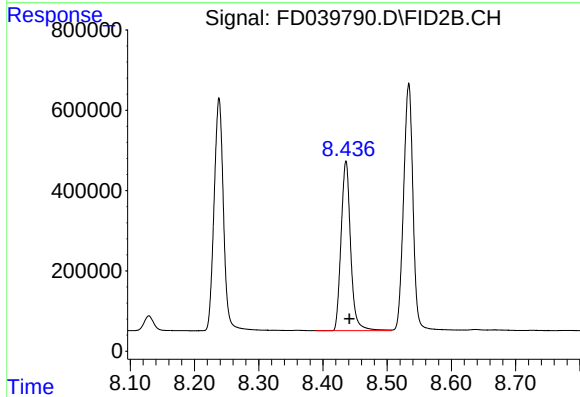
#4 2-Bromonaphthalene (SURR)

R.T.: 7.575 min
Delta R.T.: -0.004 min
Response: 6410167
Conc: 44.97 ug/ml



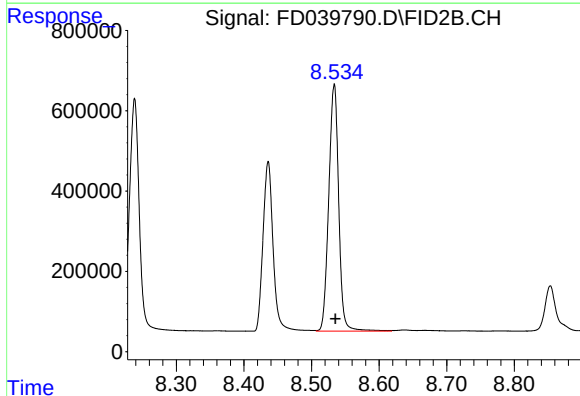
#5 Acenaphthylene (C15.06)

R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 5872474
Conc: 37.78 ug/ml



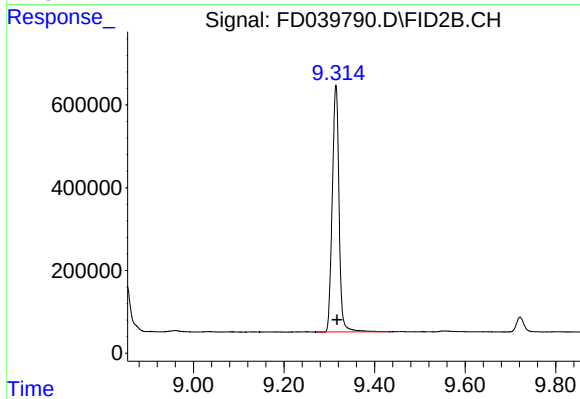
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.436 min
Delta R.T.: -0.006 min
Response: 4373746
Conc: 45.89 ug/ml



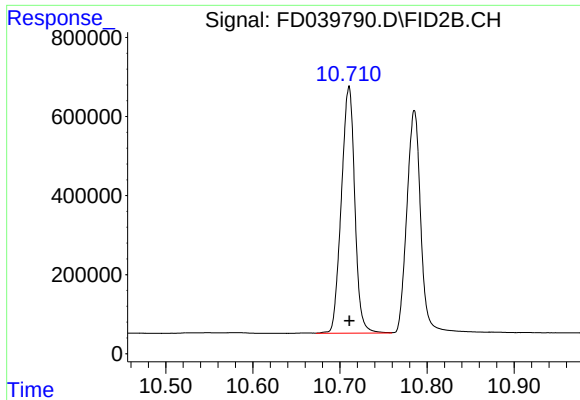
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 6282975
Conc: 38.00 ug/ml



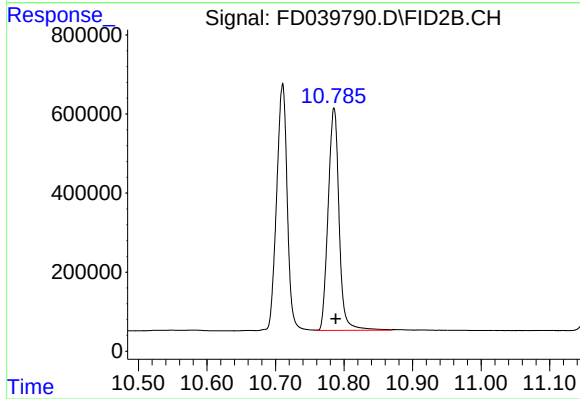
#8 Fluorene (C16.55)

R.T.: 9.315 min
Delta R.T.: -0.003 min
Response: 6221247
Conc: 39.66 ug/ml



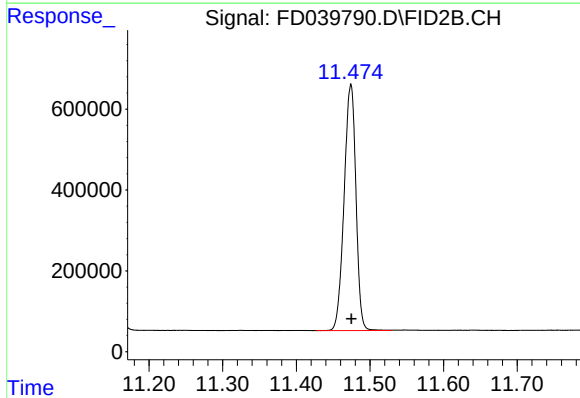
#9 Phenanthrene (C19.36)

R.T.: 10.711 min
Delta R.T.: 0.000 min
Response: 6707957
Conc: 42.34 ug/ml



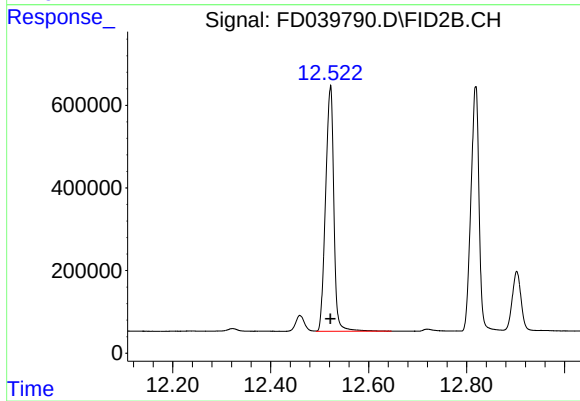
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: -0.002 min
Response: 6259642
Conc: 42.71 ug/ml



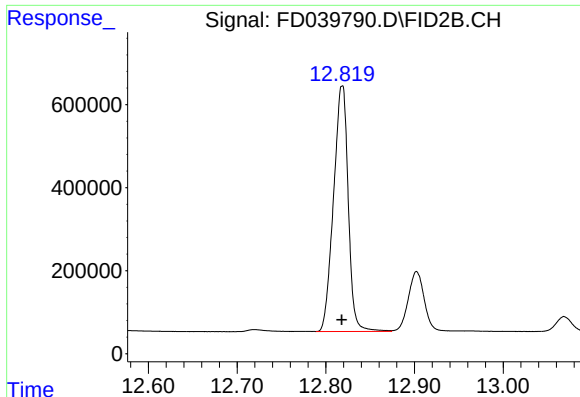
#11 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: 0.000 min
Response: 6787565
Conc: 42.01 ug/ml



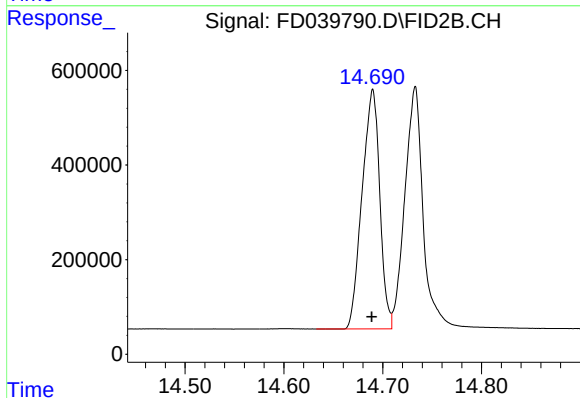
#12 Fluoranthene (C21.85)

R.T.: 12.522 min
Delta R.T.: 0.000 min
Response: 6927569
Conc: 43.85 ug/ml



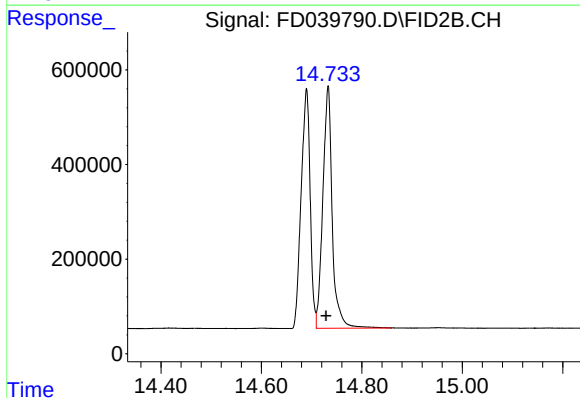
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: 0.000 min
Response: 6830818
Conc: 44.67 ug/ml



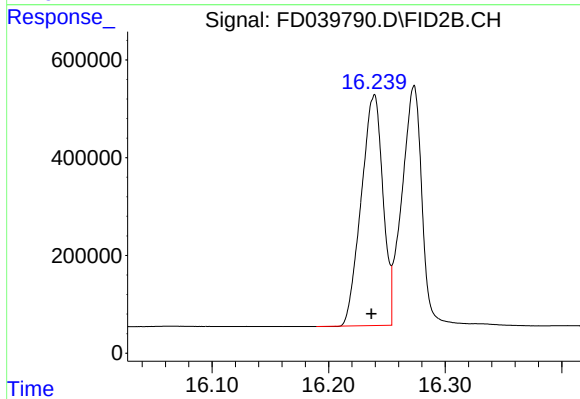
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.690 min
Delta R.T.: 0.001 min
Response: 6281648
Conc: 49.39 ug/ml



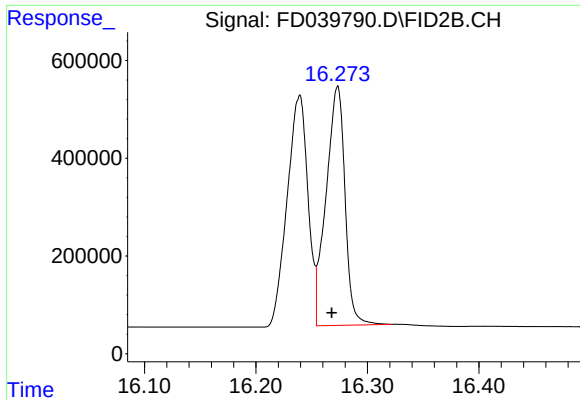
#15 Chrysene (C27.41)

R.T.: 14.733 min
Delta R.T.: 0.004 min
Response: 6666597
Conc: 48.15 ug/ml



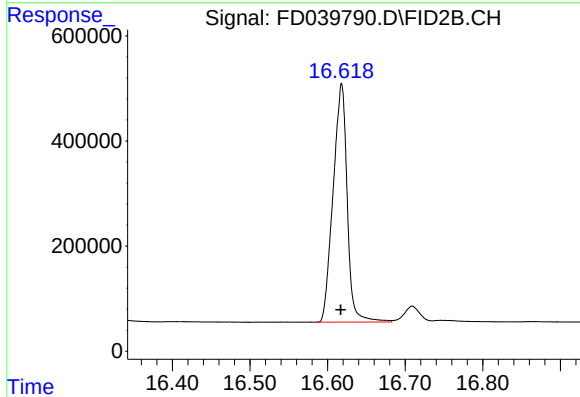
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: 0.003 min
Response: 6104024
Conc: 49.54 ug/ml



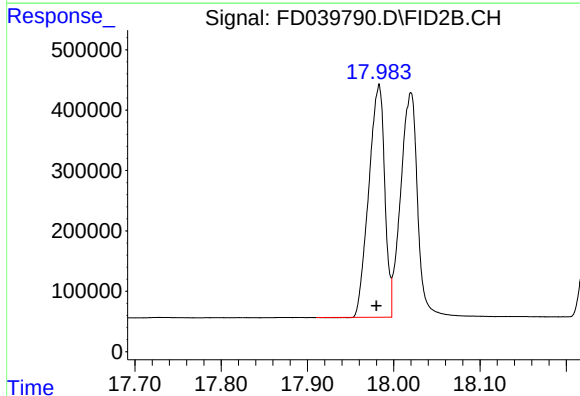
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.273 min
Delta R.T.: 0.005 min
Response: 5779541
Conc: 45.35 ug/ml



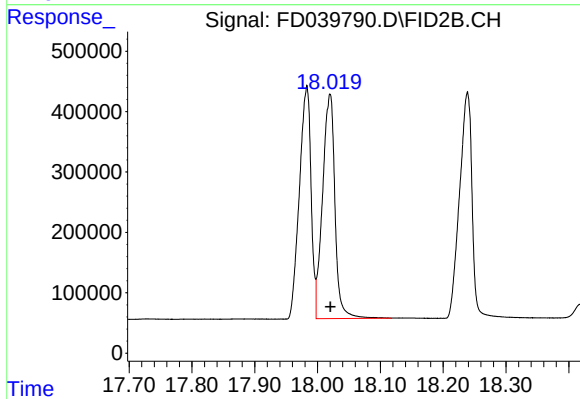
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: 0.001 min
Response: 5730836
Conc: 50.71 ug/ml



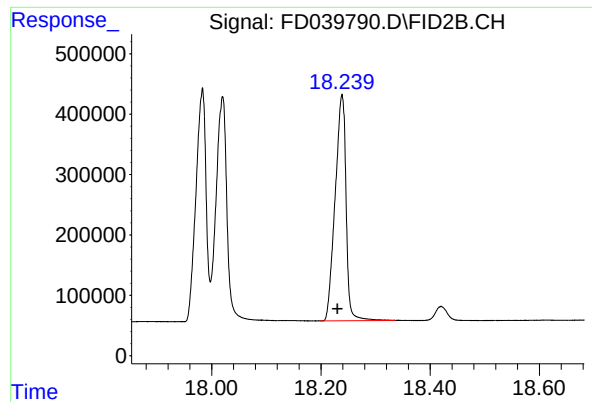
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: 0.003 min
Response: 4940492
Conc: 47.24 ug/ml



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

R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 5102407
Conc: 49.21 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.008 min
Response: 5199185
Conc: 47.52 ug/ml