

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092121AR\
 Data File : FD038860.D
 Signal(s) : FID2B.CH
 Acq On : 22 Sep 2021 00:45
 Operator : AJ\MA
 Sample : PB139200BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 22 03:37:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:29:53 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...	7.768	6262514	44.055 ug/ml
Spiked Amount 50.000		Recovery =	88.11%
6) S 2-Fluorobiphenyl (SURR)	8.637	4053843	41.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.02%
11) S ortho-Terphenyl (SURR)	11.681	6329375	42.053 ug/ml
Spiked Amount 50.000		Recovery =	84.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.555	4369834	29.040 ug/ml
2) T Naphthalene (C11.7)	6.103	5331597	33.397 ug/ml
3) T 2-Methylnaphthalene (...)	7.158	5474055	33.833 ug/ml
5) T Acenaphthylene (C15.06)	8.440	5857309	39.057 ug/ml
7) T Acenaphthene (C15.5)	8.736	6140602	39.004 ug/ml
8) T Fluorene (C16.55)	9.518	5984065	38.328 ug/ml
9) T Phenanthrene (C19.36)	10.920	6091350	39.820 ug/ml
10) T Anthracene (C19.43)	10.995	6099212	39.869 ug/ml
12) T Fluoranthene (C21.85)	12.736	5901383	39.450 ug/ml
13) T Pyrene (C20.8)	13.034	5751217	39.706 ug/ml
14) T Benzo[a]anthracene (C...	14.905	5212749	40.951 ug/ml
15) T Chrysene (C27.41)	14.949	5600442	42.048 ug/ml
16) T benzo[b]fluoranthene ...	16.456	4811630	41.634 ug/ml
17) T Bnezo[k]fluoranthene ...	16.492	4704493	41.134 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.837	4698655	42.794 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	4306790	42.196 ug/ml
20) T Dibenz[a,h]anthracene...	18.240	4425434	43.495 ug/ml
21) T Benzo[g,h,i]perylene ...	18.459	4473188	43.906 ug/ml

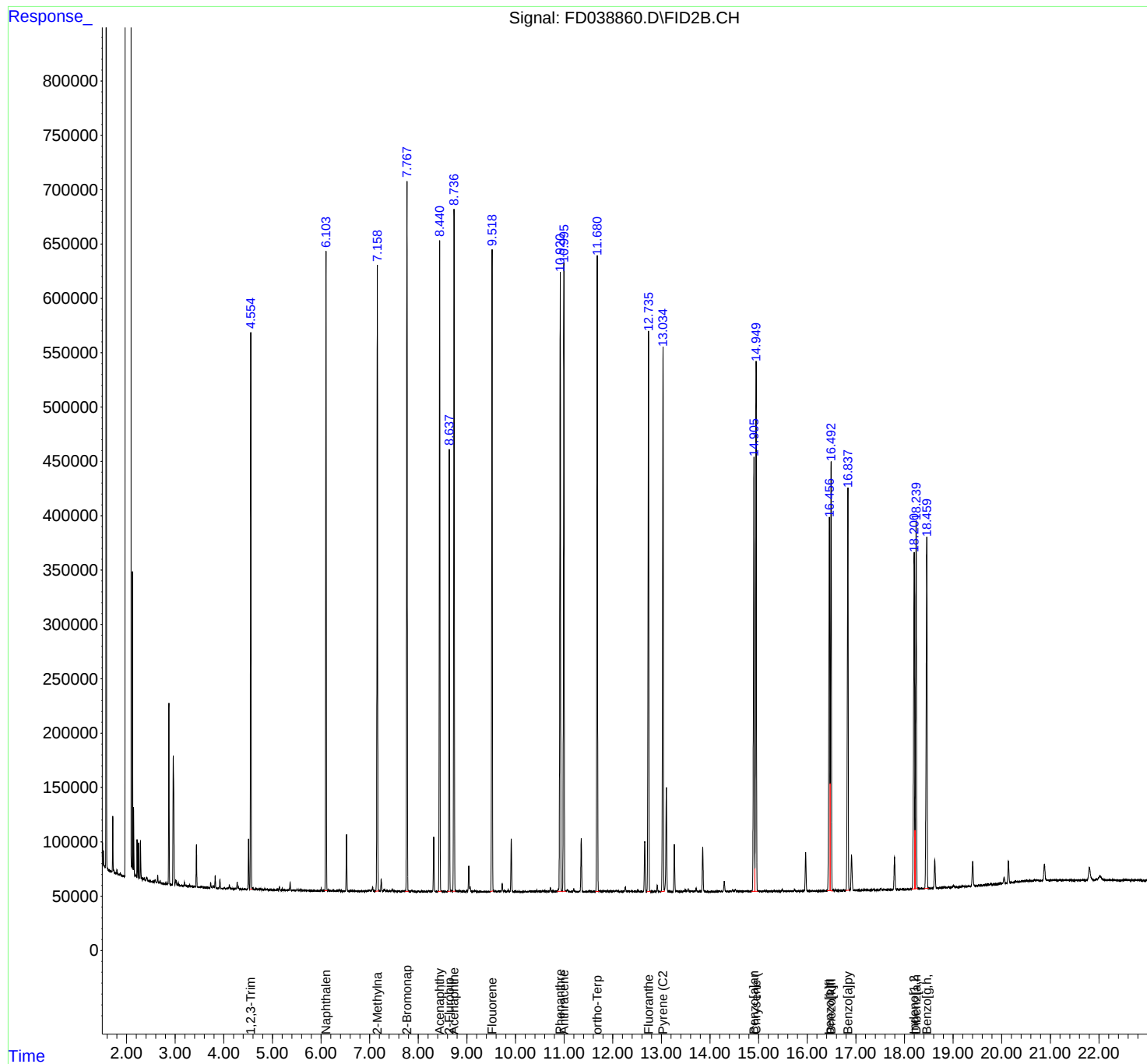
(f)=RT Delta > 1/2 Window

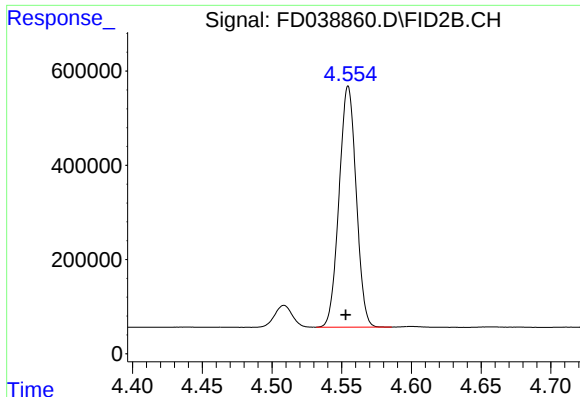
(m)=manual int.

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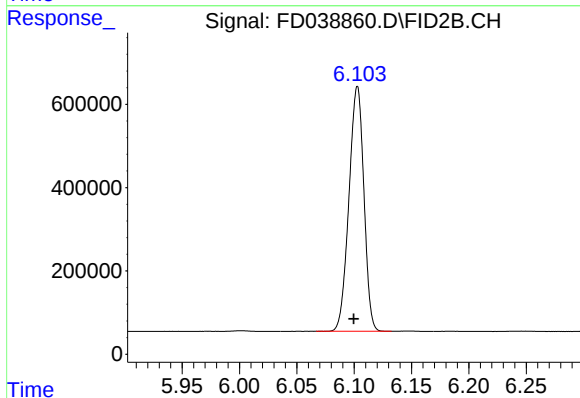
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





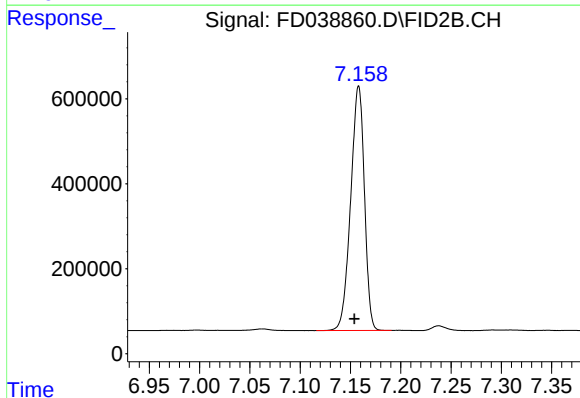
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.555 min
Delta R.T.: 0.002 min
Response: 4369834
Conc: 29.04 ug/ml



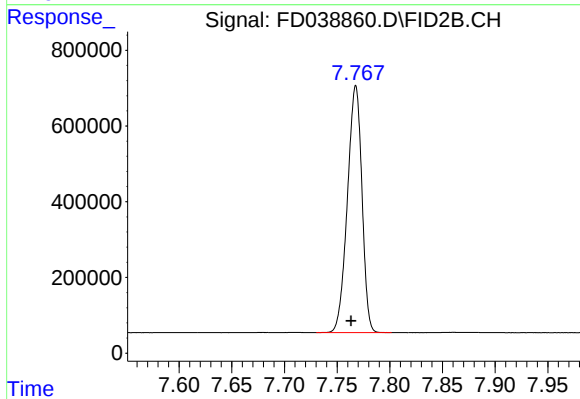
#2 Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.003 min
Response: 5331597
Conc: 33.40 ug/ml



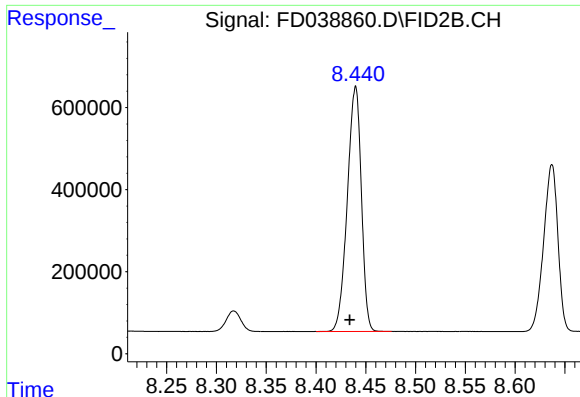
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 5474055
Conc: 33.83 ug/ml



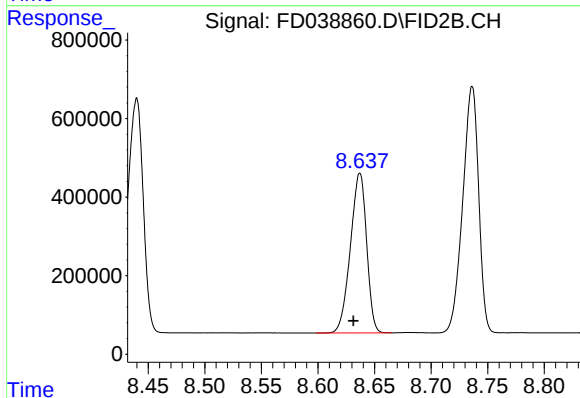
#4 2-Bromonaphthalene (SURR)

R.T.: 7.768 min
Delta R.T.: 0.005 min
Response: 6262514
Conc: 44.06 ug/ml



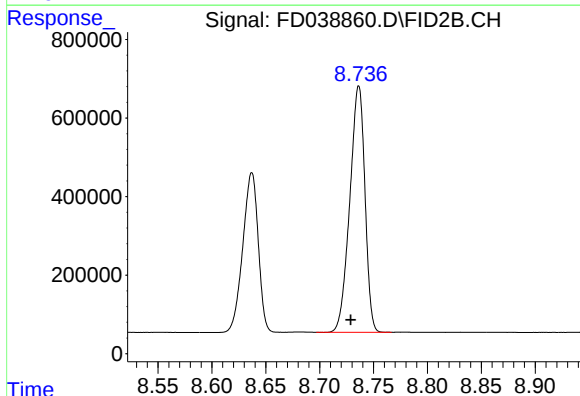
#5 Acenaphthylene (C15.06)

R.T.: 8.440 min
Delta R.T.: 0.006 min
Response: 5857309
Conc: 39.06 ug/ml



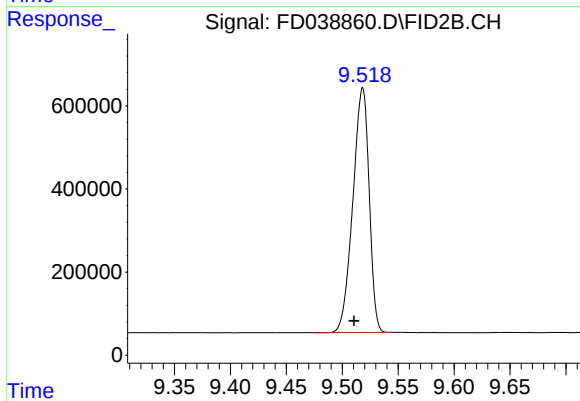
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.637 min
Delta R.T.: 0.006 min
Response: 4053843
Conc: 41.51 ug/ml



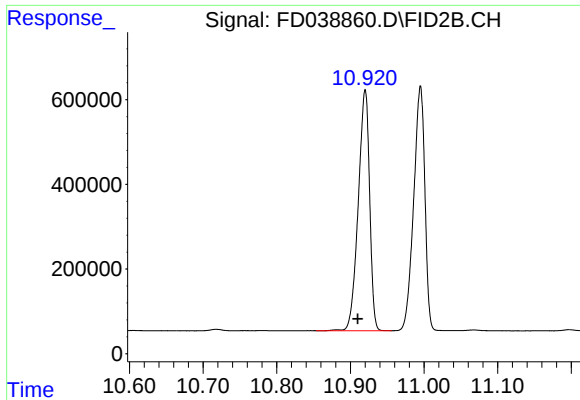
#7 Acenaphthene (C15.5)

R.T.: 8.736 min
Delta R.T.: 0.007 min
Response: 6140602
Conc: 39.00 ug/ml



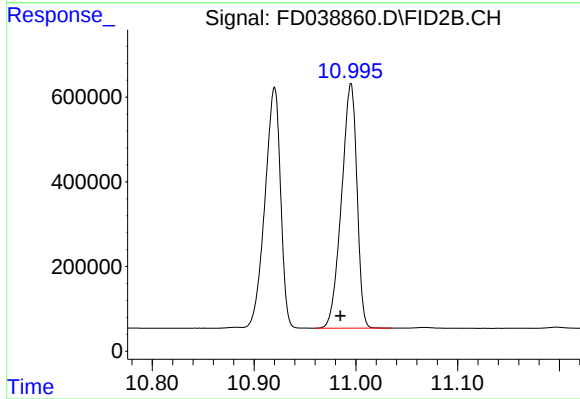
#8 Fluorene (C16.55)

R.T.: 9.518 min
Delta R.T.: 0.008 min
Response: 5984065
Conc: 38.33 ug/ml



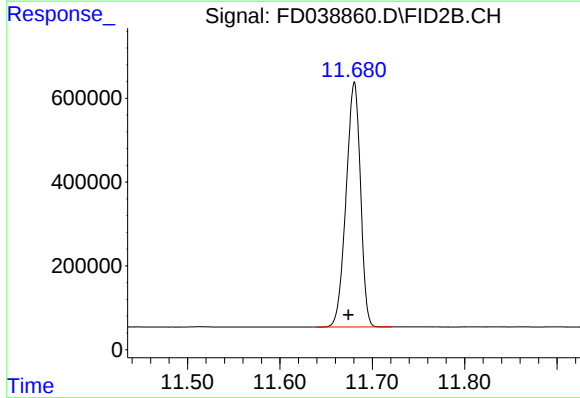
#9 Phenanthrene (C19.36)

R.T.: 10.920 min
Delta R.T.: 0.010 min
Response: 6091350
Conc: 39.82 ug/ml



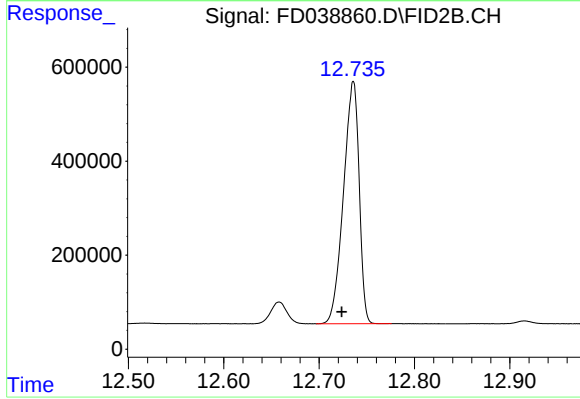
#10 Anthracene (C19.43)

R.T.: 10.995 min
Delta R.T.: 0.010 min
Response: 6099212
Conc: 39.87 ug/ml



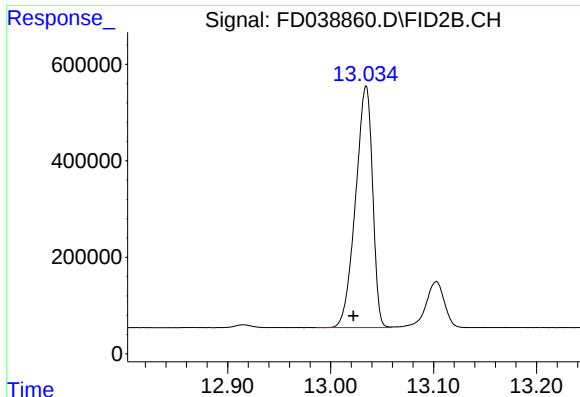
#11 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.007 min
Response: 6329375
Conc: 42.05 ug/ml



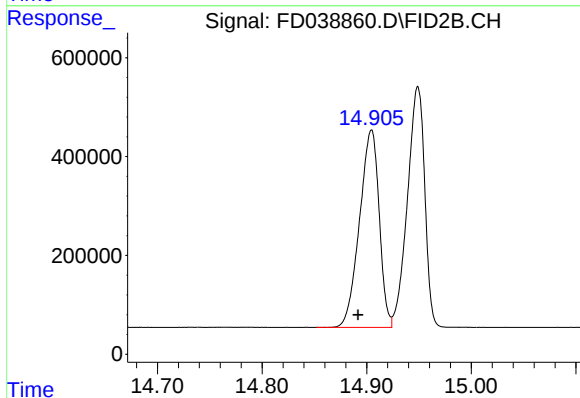
#12 Fluoranthene (C21.85)

R.T.: 12.736 min
Delta R.T.: 0.012 min
Response: 5901383
Conc: 39.45 ug/ml



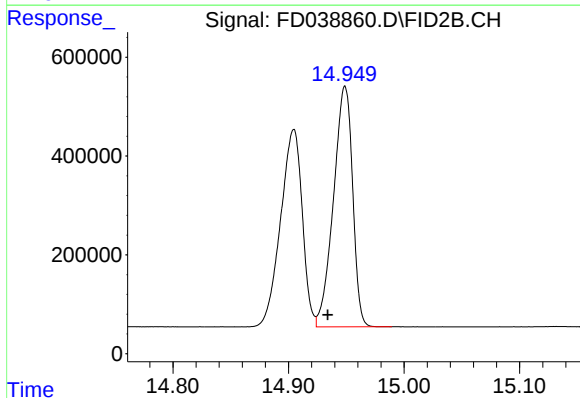
#13 Pyrene (C20.8)

R.T.: 13.034 min
Delta R.T.: 0.012 min
Response: 5751217
Conc: 39.71 ug/ml



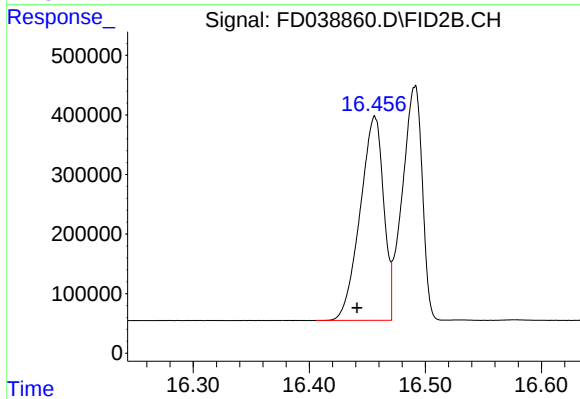
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.905 min
Delta R.T.: 0.013 min
Response: 5212749
Conc: 40.95 ug/ml



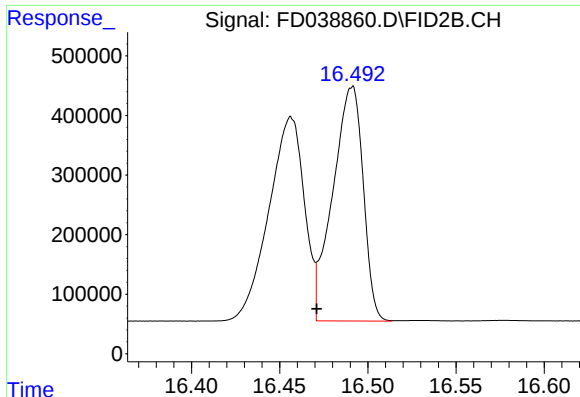
#15 Chrysene (C27.41)

R.T.: 14.949 min
Delta R.T.: 0.015 min
Response: 5600442
Conc: 42.05 ug/ml



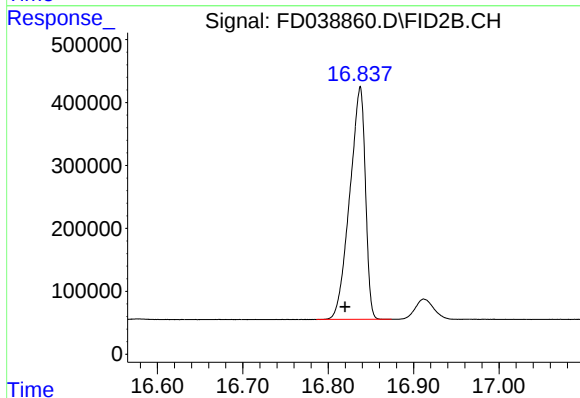
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.456 min
Delta R.T.: 0.015 min
Response: 4811630
Conc: 41.63 ug/ml



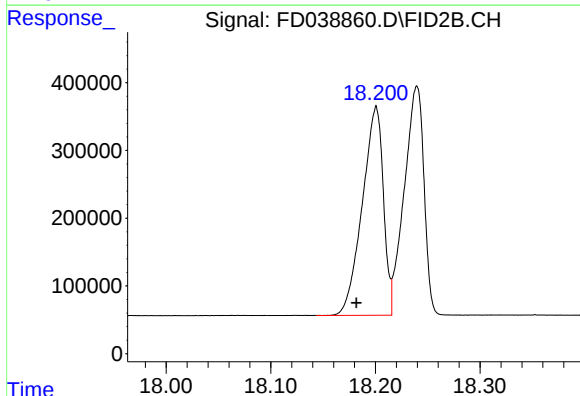
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.492 min
Delta R.T.: 0.020 min
Response: 4704493
Conc: 41.13 ug/ml m



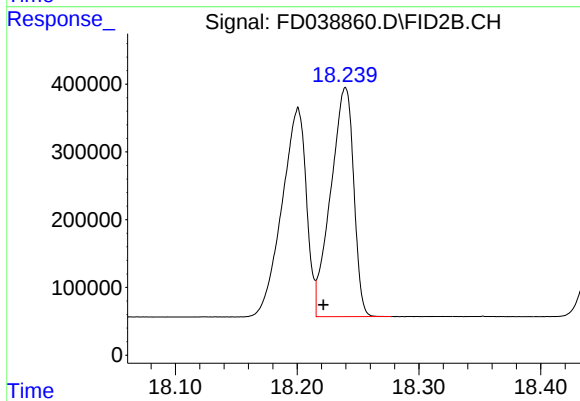
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.837 min
Delta R.T.: 0.018 min
Response: 4698655
Conc: 42.79 ug/ml



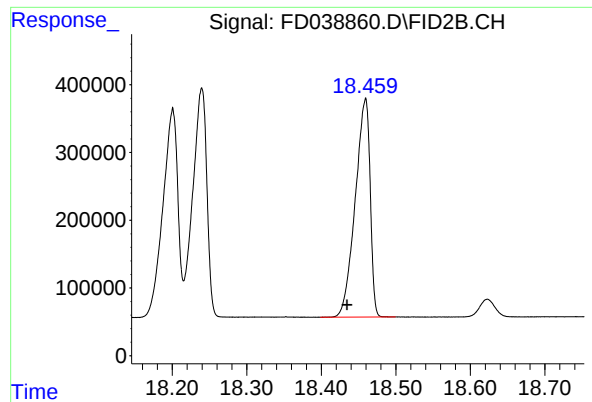
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.019 min
Response: 4306790
Conc: 42.20 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.018 min
Response: 4425434
Conc: 43.50 ug/ml



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

R.T.: 18.459 min
Delta R.T.: 0.025 min
Response: 4473188
Conc: 43.91 ug/ml