

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092121AR\
 Data File : FD038861.D
 Signal(s) : FID2B.CH
 Acq On : 22 Sep 2021 1:24
 Operator : AJ\MA
 Sample : PB139200BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 22 03:37:38 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	6204280	43.646 ug/ml
Spiked Amount 50.000		Recovery =	87.29%
6) S 2-Fluorobiphenyl (SURR)	8.637	4005240	41.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.03%
11) S ortho-Terphenyl (SURR)	11.681	6222180	41.341 ug/ml
Spiked Amount 50.000		Recovery =	82.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.555	4347520	28.891 ug/ml
2) T Naphthalene (C11.7)	6.102	5292452	33.152 ug/ml
3) T 2-Methylnaphthalene (...)	7.158	5427816	33.548 ug/ml
5) T Acenaphthylene (C15.06)	8.440	5787679	38.592 ug/ml
7) T Acenaphthene (C15.5)	8.737	6071693	38.566 ug/ml
8) T Fluorene (C16.55)	9.519	5906959	37.834 ug/ml
9) T Phenanthrene (C19.36)	10.920	5992468	39.173 ug/ml
10) T Anthracene (C19.43)	10.995	5995903	39.194 ug/ml
12) T Fluoranthene (C21.85)	12.735	5798863	38.765 ug/ml
13) T Pyrene (C20.8)	13.034	5660928	39.083 ug/ml
14) T Benzo[a]anthracene (C...	14.904	5143770	40.409 ug/ml
15) T Chrysene (C27.41)	14.949	5527550	41.501 ug/ml
16) T benzo[b]fluoranthene ...	16.456	4804195	41.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	4804195	42.006 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.836	4669712	42.530 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	4288936	42.021 ug/ml
20) T Dibenz[a,h]anthracene...	18.239	4408808	43.332 ug/ml
21) T Benzo[g,h,i]perylene ...	18.459	4458490	43.762 ug/ml

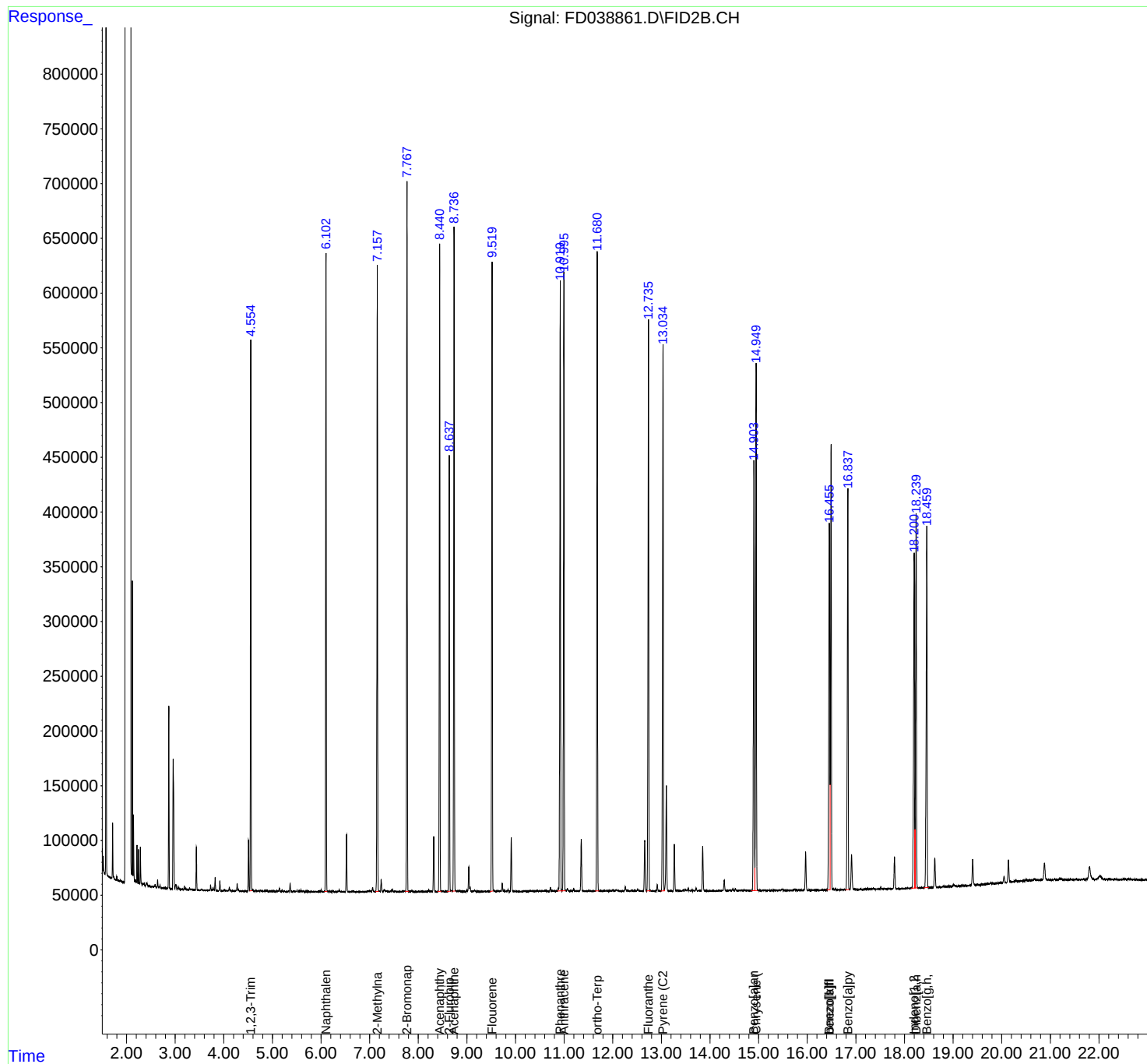
(f)=RT Delta > 1/2 Window

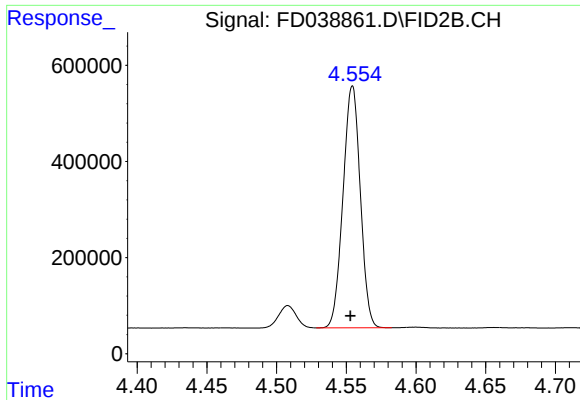
(m)=manual int.

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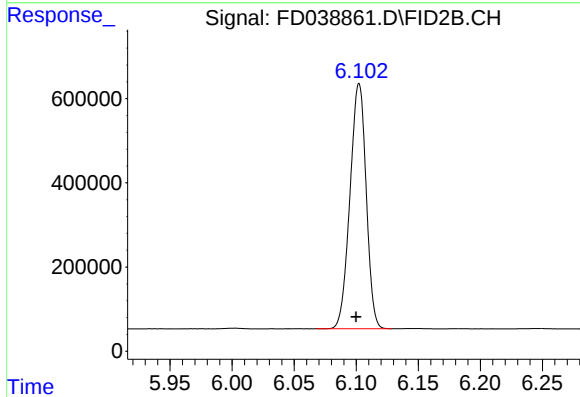
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





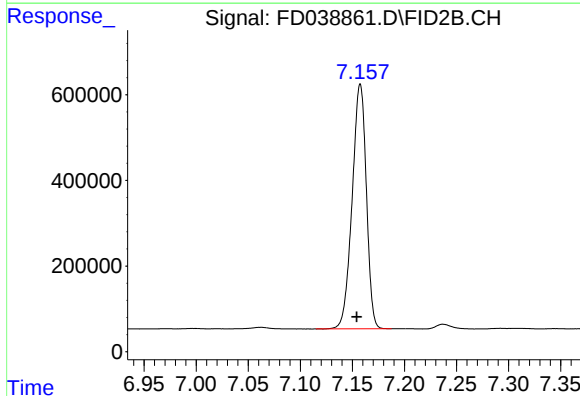
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.555 min
Delta R.T.: 0.002 min
Response: 4347520
Conc: 28.89 ug/ml



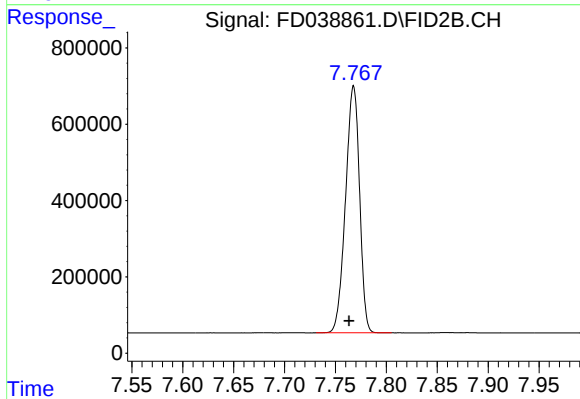
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.003 min
Response: 5292452
Conc: 33.15 ug/ml



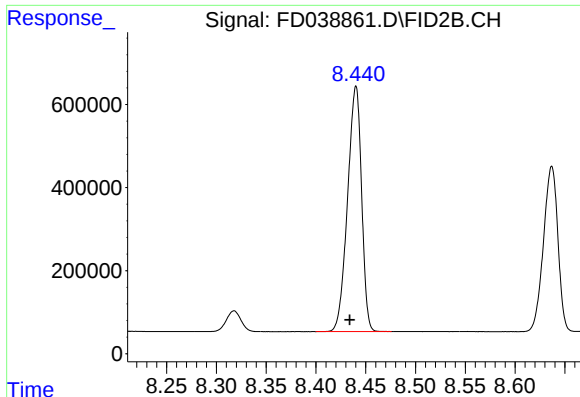
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 5427816
Conc: 33.55 ug/ml



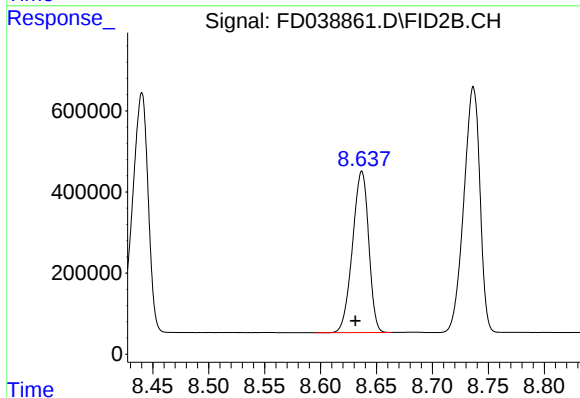
#4 2-Bromonaphthalene (SURR)

R.T.: 7.768 min
Delta R.T.: 0.005 min
Response: 6204280
Conc: 43.65 ug/ml



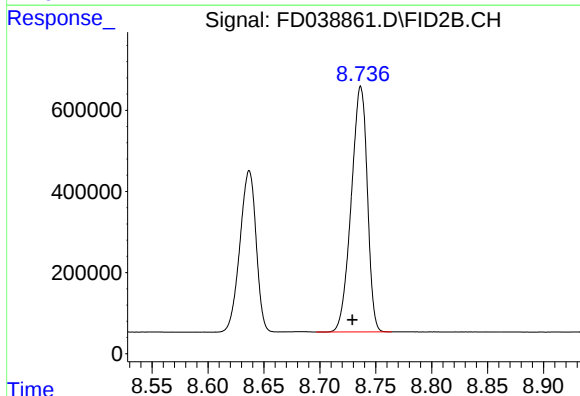
#5 Acenaphthylene (C15.06)

R.T.: 8.440 min
Delta R.T.: 0.006 min
Response: 5787679
Conc: 38.59 ug/ml



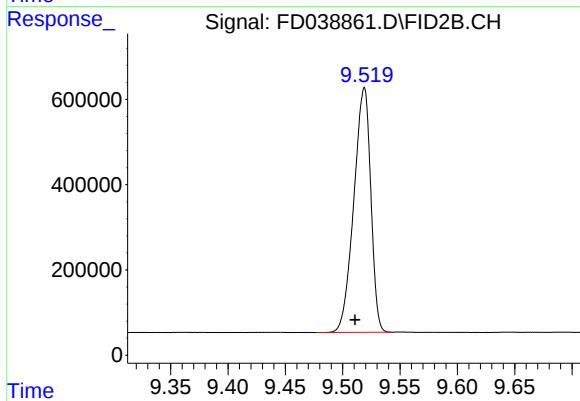
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.637 min
Delta R.T.: 0.006 min
Response: 4005240
Conc: 41.01 ug/ml



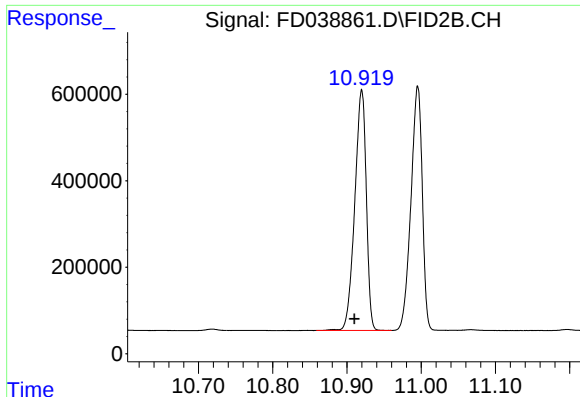
#7 Acenaphthene (C15.5)

R.T.: 8.737 min
Delta R.T.: 0.008 min
Response: 6071693
Conc: 38.57 ug/ml



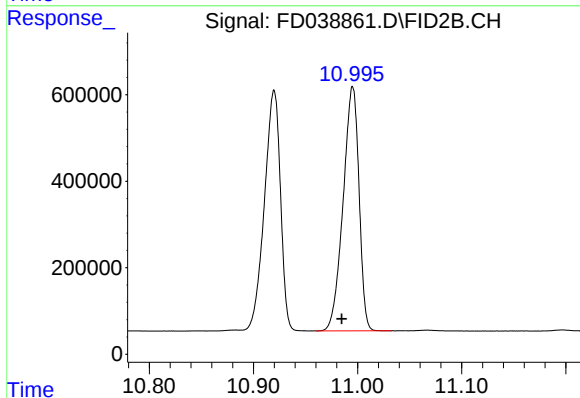
#8 Fluorene (C16.55)

R.T.: 9.519 min
Delta R.T.: 0.008 min
Response: 5906959
Conc: 37.83 ug/ml



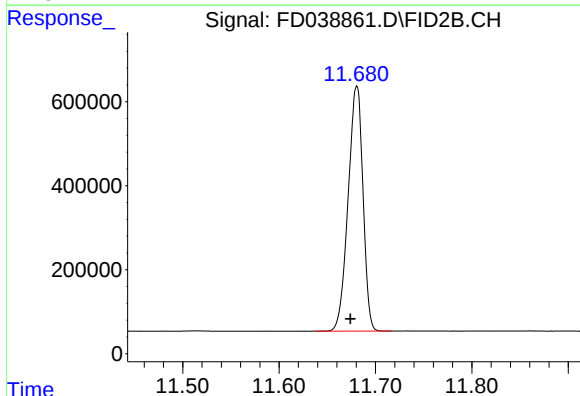
#9 Phenanthrene (C19.36)

R.T.: 10.920 min
Delta R.T.: 0.010 min
Response: 5992468
Conc: 39.17 ug/ml



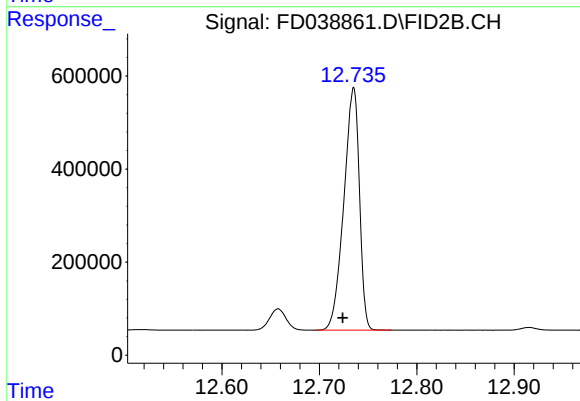
#10 Anthracene (C19.43)

R.T.: 10.995 min
Delta R.T.: 0.011 min
Response: 5995903
Conc: 39.19 ug/ml



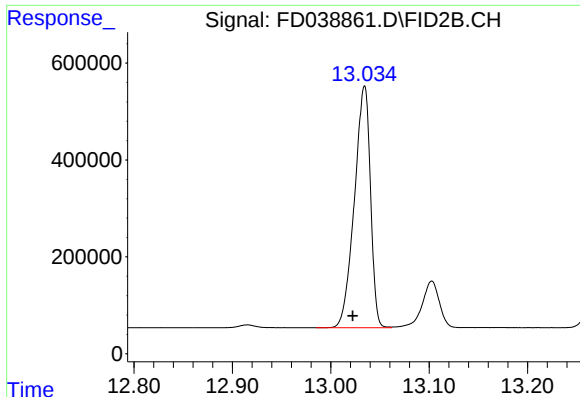
#11 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.007 min
Response: 6222180
Conc: 41.34 ug/ml



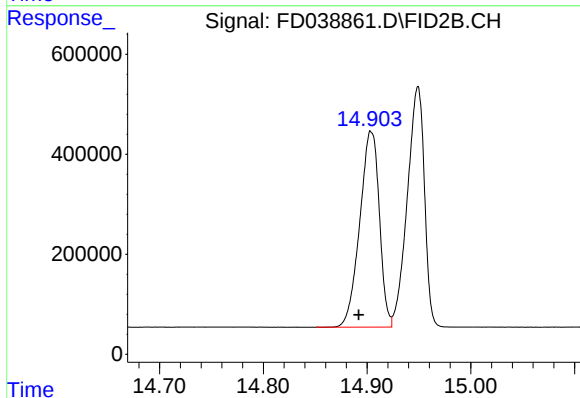
#12 Fluoranthene (C21.85)

R.T.: 12.735 min
Delta R.T.: 0.011 min
Response: 5798863
Conc: 38.77 ug/ml



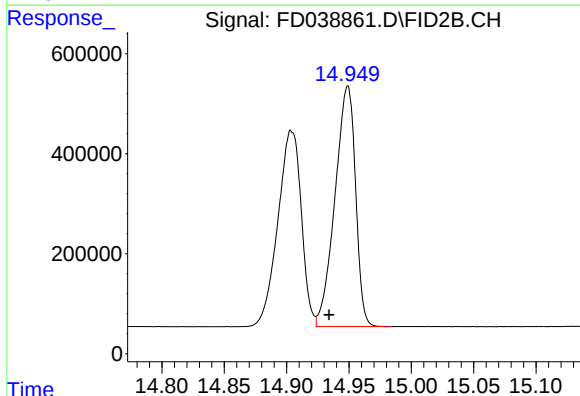
#13 Pyrene (C20.8)

R.T.: 13.034 min
Delta R.T.: 0.012 min
Response: 5660928
Conc: 39.08 ug/ml



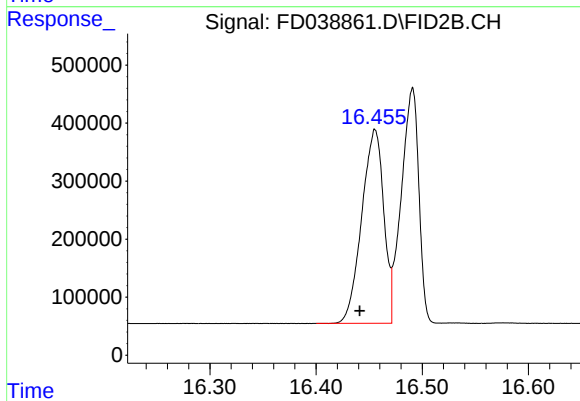
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.904 min
Delta R.T.: 0.012 min
Response: 5143770
Conc: 40.41 ug/ml



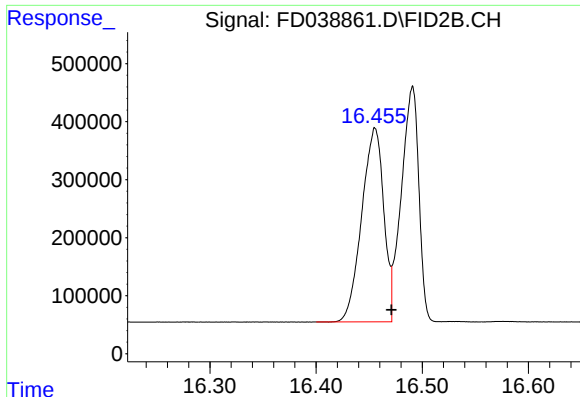
#15 Chrysene (C27.41)

R.T.: 14.949 min
Delta R.T.: 0.015 min
Response: 5527550
Conc: 41.50 ug/ml



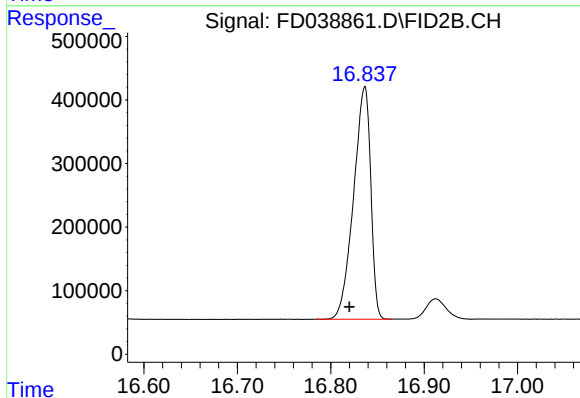
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.456 min
Delta R.T.: 0.014 min
Response: 4804195
Conc: 41.57 ug/ml



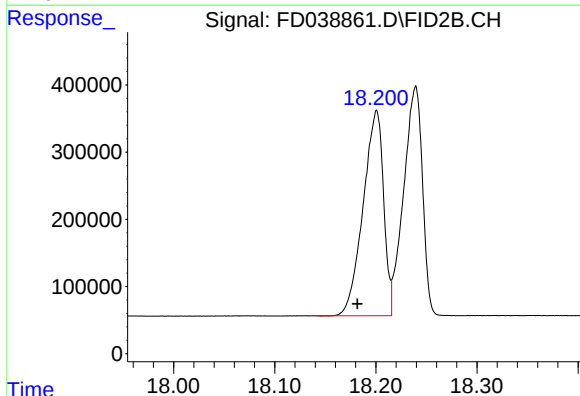
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.456 min
Delta R.T.: -0.015 min
Response: 4804195
Conc: 42.01 ug/ml



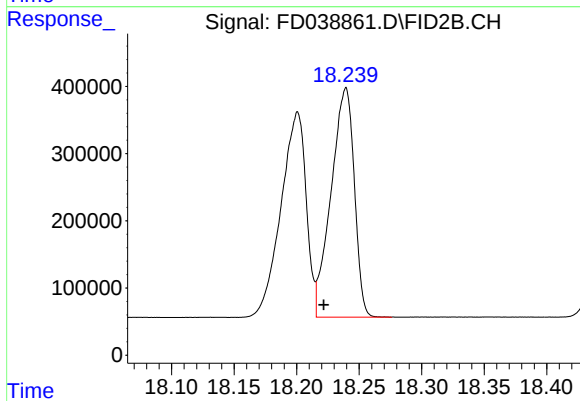
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.836 min
Delta R.T.: 0.017 min
Response: 4669712
Conc: 42.53 ug/ml



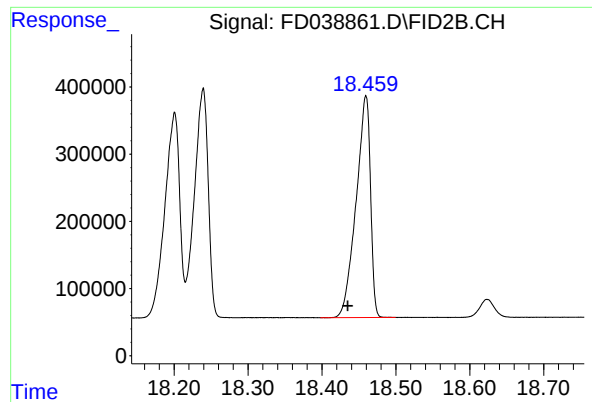
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.019 min
Response: 4288936
Conc: 42.02 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.018 min
Response: 4408808
Conc: 43.33 ug/ml



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

R.T.: 18.459 min
Delta R.T.: 0.025 min
Response: 4458490
Conc: 43.76 ug/ml