

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092021AR\
 Data File : FD038828.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2021 21:23
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 04:22:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:21:35 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...	7.767	7161837	50.877 ug/ml
Spiked Amount 50.000		Recovery =	101.75%
6) S 2-Fluorobiphenyl (SURR)	8.637	4918593	50.803 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.61%
11) S ortho-Terphenyl (SURR)	11.680	7591626	50.841 ug/ml
Spiked Amount 50.000		Recovery =	101.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.555	7543860	50.585 ug/ml
2) T Naphthalene (C11.7)	6.103	8019445	50.740 ug/ml
3) T 2-Methylnaphthalene (...)	7.159	8139729	50.820 ug/ml
5) T Acenaphthylene (C15.06)	8.440	7533374	50.789 ug/ml
7) T Acenaphthene (C15.5)	8.737	7938137	50.875 ug/ml
8) T Fluorene (C16.55)	9.519	7880569	50.829 ug/ml
9) T Phenanthrene (C19.36)	10.920	7771495	51.232 ug/ml
10) T Anthracene (C19.43)	10.996	7726265	50.812 ug/ml
12) T Fluoranthene (C21.85)	12.736	7548608	50.665 ug/ml
13) T Pyrene (C20.8)	13.034	7298839	50.610 ug/ml
14) T Benzo[a]anthracene (C...	14.904	6431652	50.547 ug/ml
15) T Chrysene (C27.41)	14.951	6697691	50.416 ug/ml
16) T benzo[b]fluoranthene ...	16.455	5860700	50.836 ug/ml
17) T Bnezo[k]fluoranthene ...	16.491	5790107	50.635 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.837	5555253	50.785 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.200	5149507	51.211 ug/ml
20) T Dibenz[a,h]anthracene...	18.239	5021606	49.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.458	5110605	50.484 ug/ml

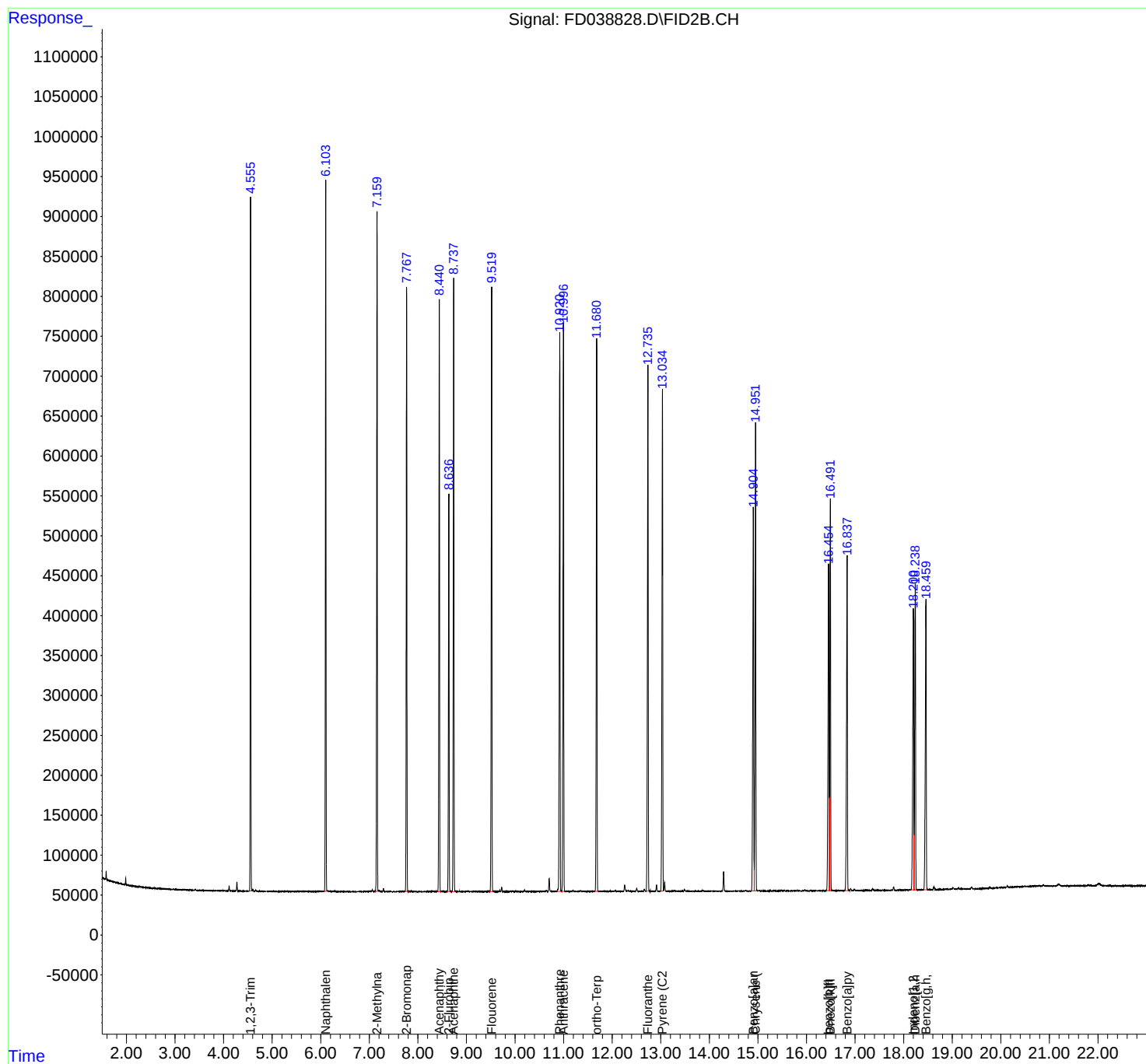
(f)=RT Delta > 1/2 Window

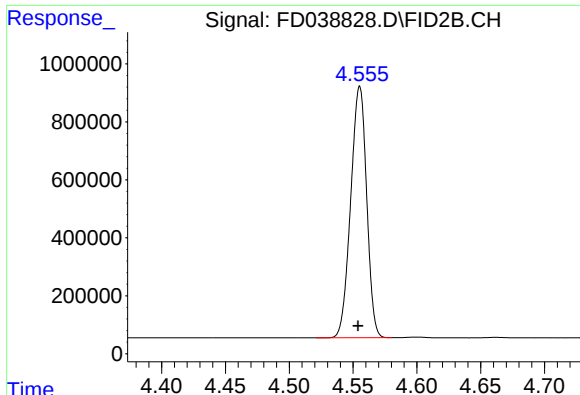
(m)=manual int.

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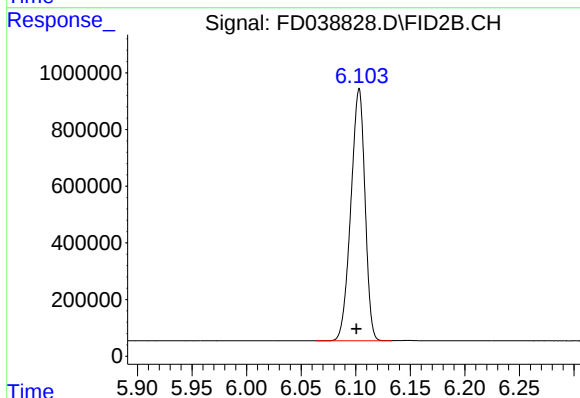
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Signal Info : 20M x 0.18mm x 0.18µm





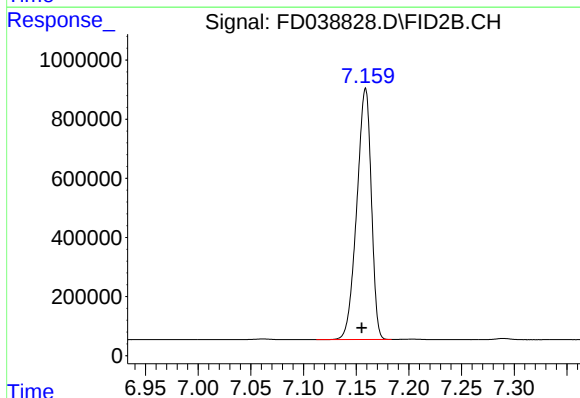
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.555 min
Delta R.T.: 0.001 min
Response: 7543860
Conc: 50.58 ug/ml



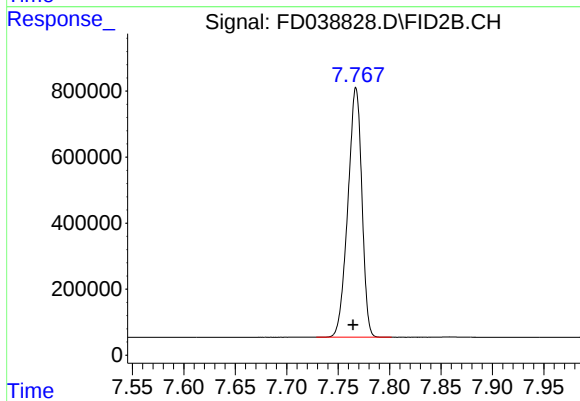
#2 Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.003 min
Response: 8019445
Conc: 50.74 ug/ml



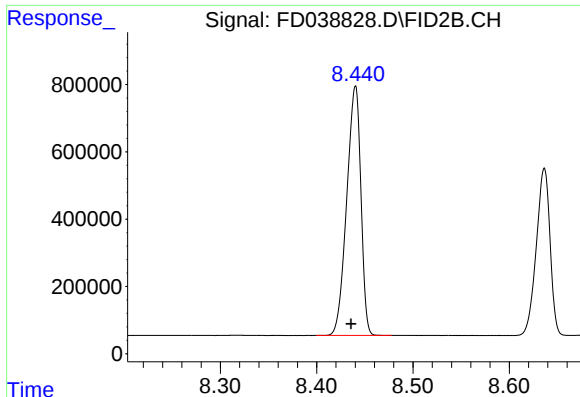
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.159 min
Delta R.T.: 0.004 min
Response: 8139729
Conc: 50.82 ug/ml



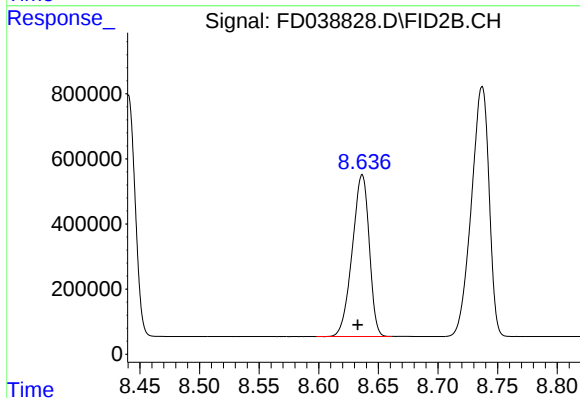
#4 2-Bromonaphthalene (SURR)

R.T.: 7.767 min
Delta R.T.: 0.003 min
Response: 7161837
Conc: 50.88 ug/ml



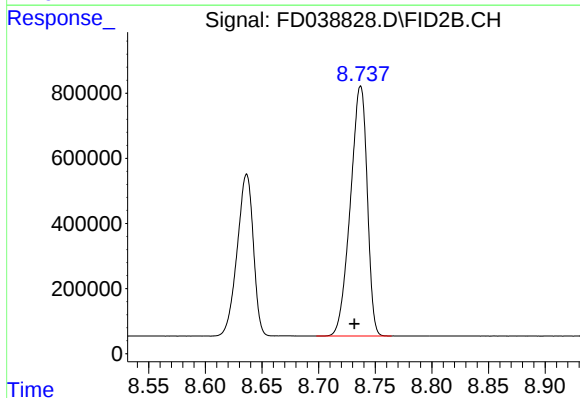
#5 Acenaphthylene (C15.06)

R.T.: 8.440 min
Delta R.T.: 0.005 min
Response: 7533374
Conc: 50.79 ug/ml



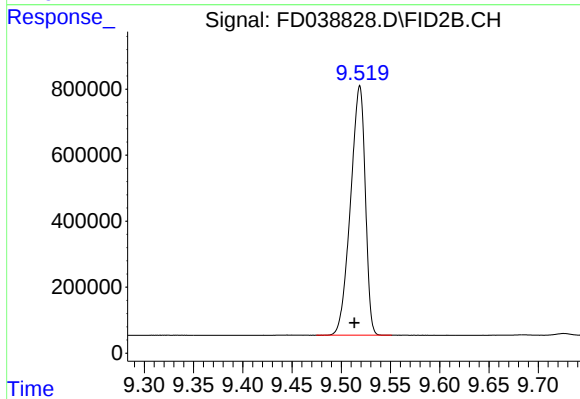
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.637 min
Delta R.T.: 0.004 min
Response: 4918593
Conc: 50.80 ug/ml



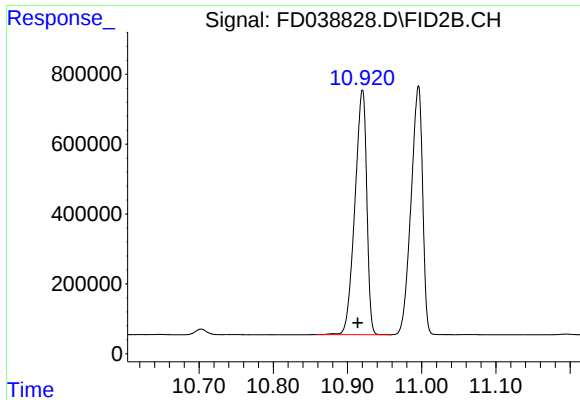
#7 Acenaphthene (C15.5)

R.T.: 8.737 min
Delta R.T.: 0.006 min
Response: 7938137
Conc: 50.88 ug/ml



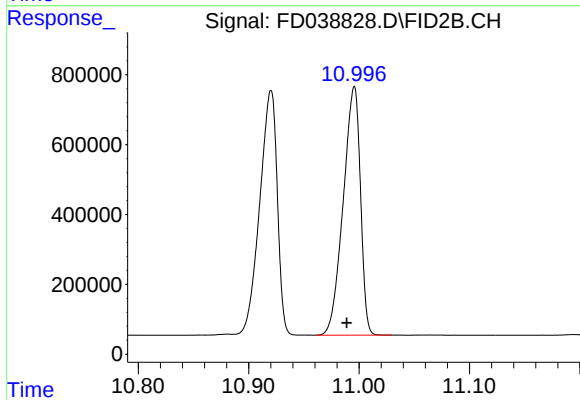
#8 Fluorene (C16.55)

R.T.: 9.519 min
Delta R.T.: 0.005 min
Response: 7880569
Conc: 50.83 ug/ml



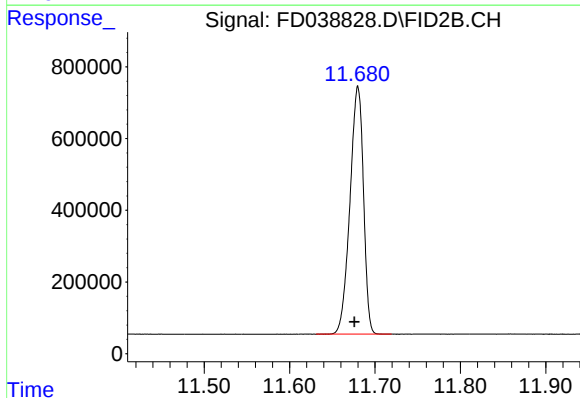
#9 Phenanthrene (C19.36)

R.T.: 10.920 min
Delta R.T.: 0.006 min
Response: 7771495
Conc: 51.23 ug/ml



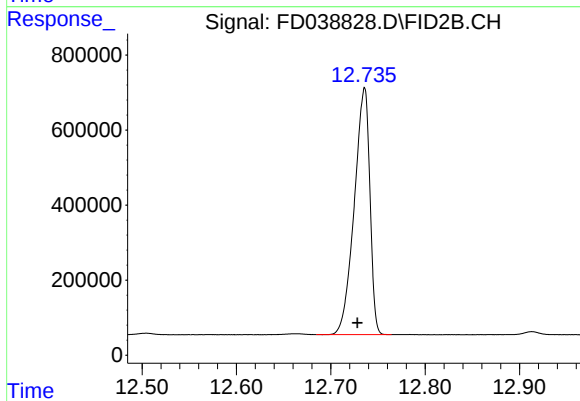
#10 Anthracene (C19.43)

R.T.: 10.996 min
Delta R.T.: 0.007 min
Response: 7726265
Conc: 50.81 ug/ml



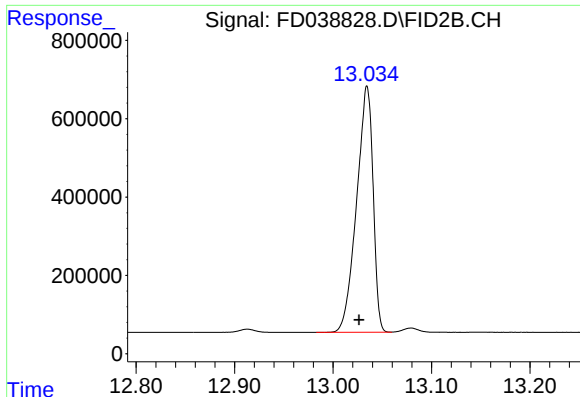
#11 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.004 min
Response: 7591626
Conc: 50.84 ug/ml



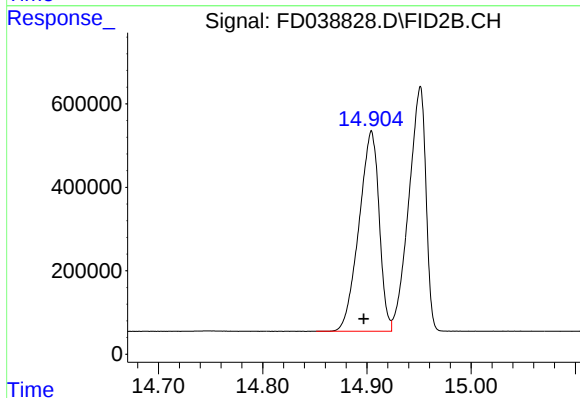
#12 Fluoranthene (C21.85)

R.T.: 12.736 min
Delta R.T.: 0.008 min
Response: 7548608
Conc: 50.67 ug/ml



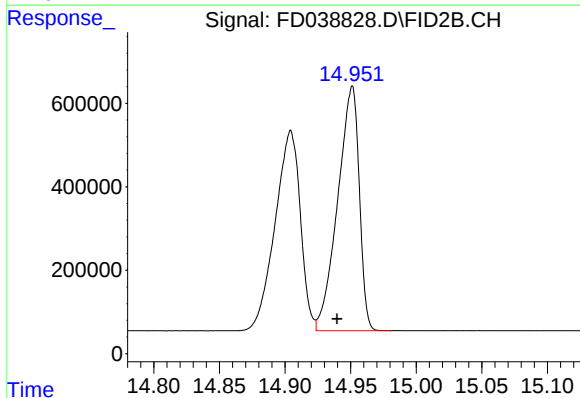
#13 Pyrene (C20.8)

R.T.: 13.034 min
Delta R.T.: 0.008 min
Response: 7298839
Conc: 50.61 ug/ml



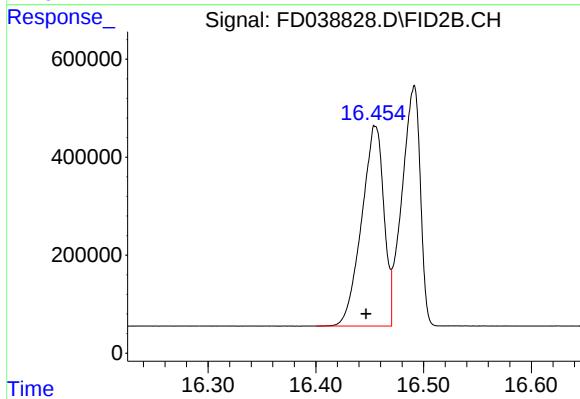
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.904 min
Delta R.T.: 0.007 min
Response: 6431652
Conc: 50.55 ug/ml



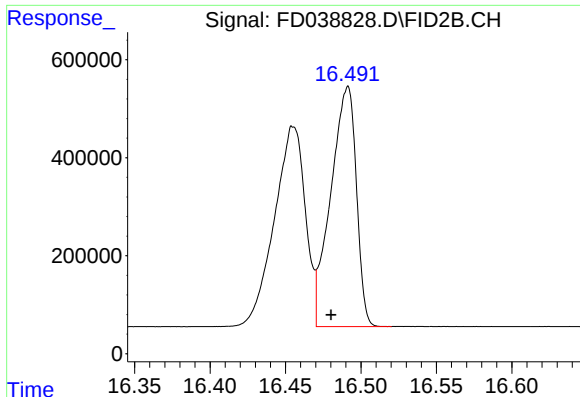
#15 Chrysene (C27.41)

R.T.: 14.951 min
Delta R.T.: 0.012 min
Response: 6697691
Conc: 50.42 ug/ml



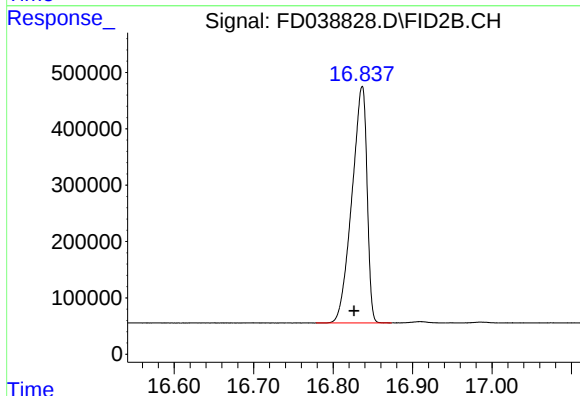
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.455 min
Delta R.T.: 0.009 min
Response: 5860700
Conc: 50.84 ug/ml



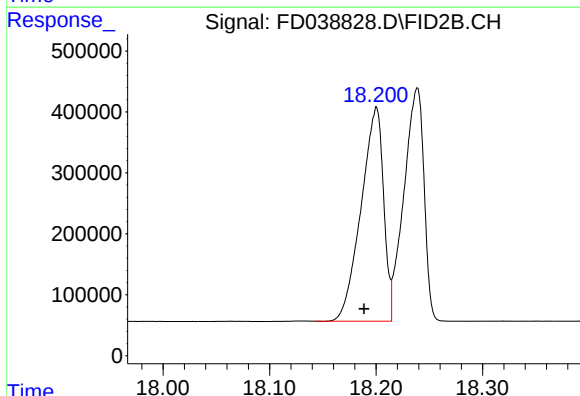
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.491 min
Delta R.T.: 0.011 min
Response: 5790107
Conc: 50.64 ug/ml



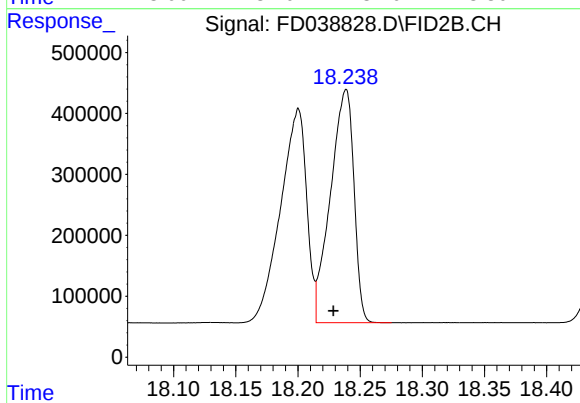
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.837 min
Delta R.T.: 0.010 min
Response: 5555253
Conc: 50.79 ug/ml



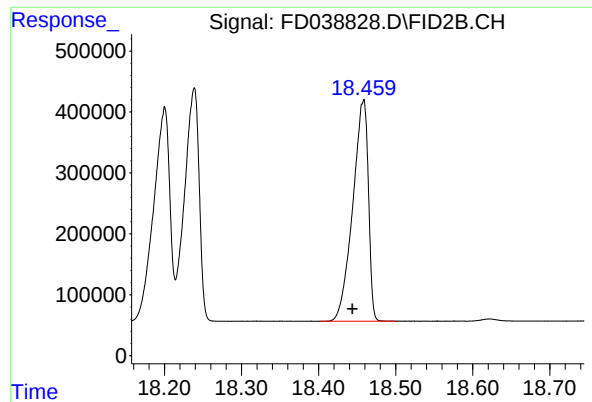
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.200 min
Delta R.T.: 0.012 min
Response: 5149507
Conc: 51.21 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.010 min
Response: 5021606
Conc: 49.48 ug/ml



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

R.T.: 18.458 min
Delta R.T.: 0.014 min
Response: 5110605
Conc: 50.48 ug/ml