

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092021AR\
 Data File : FD038834.D
 Signal(s) : FID2B.CH
 Acq On : 21 Sep 2021 1:11
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 04:32:00 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...	7.765	2872921	20.210 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	8.633	1973744	20.211 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.676	3036550	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	3052009	20.282 ug/ml
2) T Naphthalene (C11.7)	6.101	3231672	20.243 ug/ml
3) T 2-Methylnaphthalene (...)	7.156	3271629	20.221 ug/ml
5) T Acenaphthylene (C15.06)	8.436	3024999	20.171 ug/ml
7) T Acenaphthene (C15.5)	8.732	3182558	20.215 ug/ml
8) T Flouorene (C16.55)	9.514	3158007	20.227 ug/ml
9) T Phenanthrene (C19.36)	10.914	3083655	20.158 ug/ml
10) T Anthracene (C19.43)	10.989	3091051	20.206 ug/ml
12) T Fluoranthene (C21.85)	12.728	3022535	20.206 ug/ml
13) T Pyrene (C20.8)	13.027	2923993	20.187 ug/ml
14) T Benzo[a]anthracene (C...	14.897	2572918	20.212 ug/ml
15) T Chrysene (C27.41)	14.940	2682286	20.139 ug/ml
16) T benzo[b]fluoranthene ...	16.446	2338425	20.234 ug/ml
17) T Bnezo[k]fluoranthene ...	16.479	2314786	20.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.825	2218215	20.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	2037336	19.961 ug/ml
20) T Dibenz[a,h]anthracene...	18.227	2060529	20.252 ug/ml
21) T Benzo[g,h,i]perylene ...	18.444	2046428	20.086 ug/ml

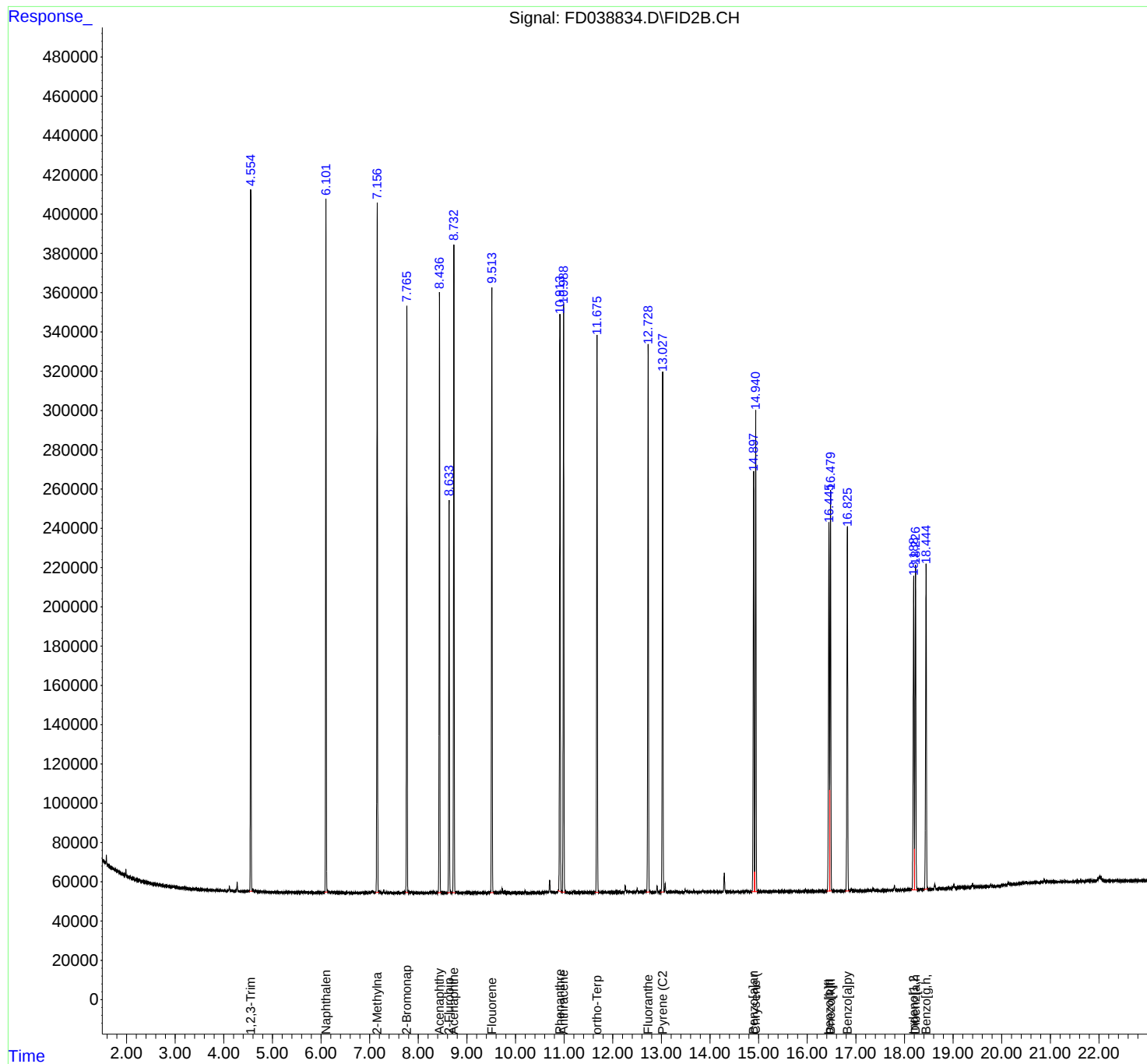
(f)=RT Delta > 1/2 Window

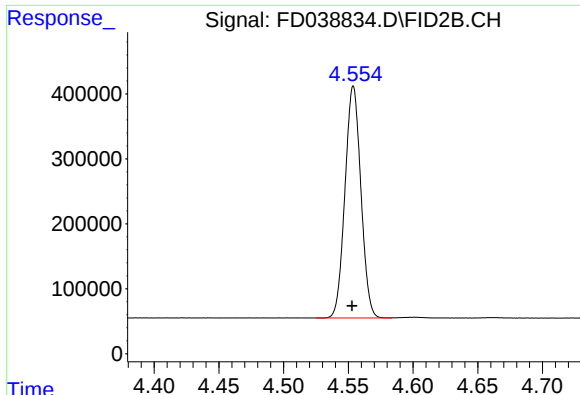
(m)=manual int.

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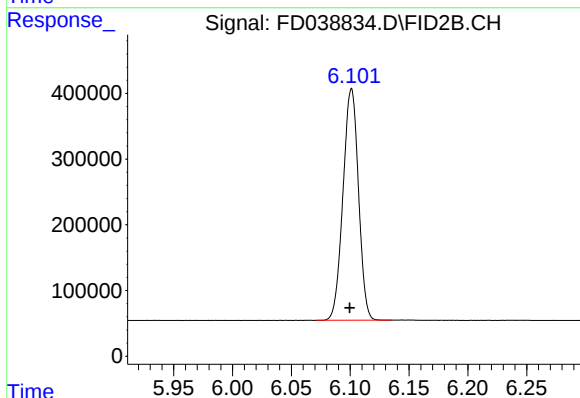
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





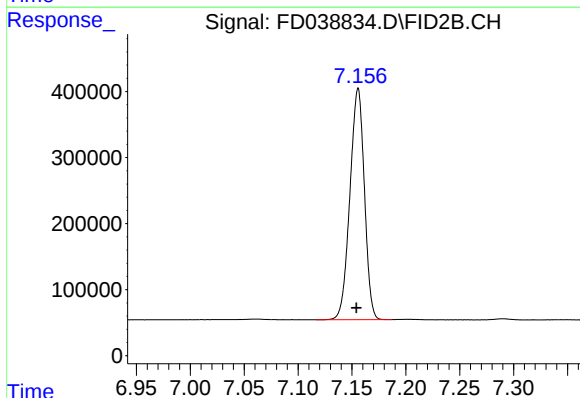
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 3052009
Conc: 20.28 ug/ml



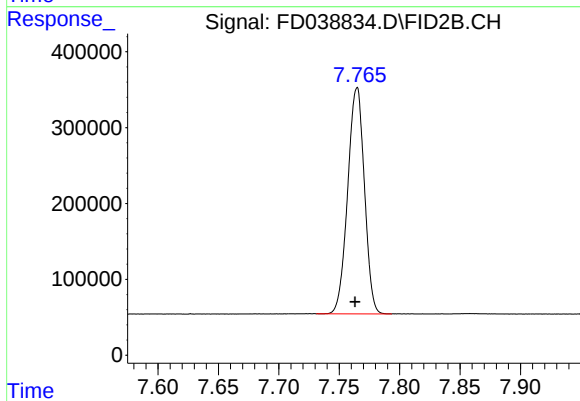
#2 Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 3231672
Conc: 20.24 ug/ml



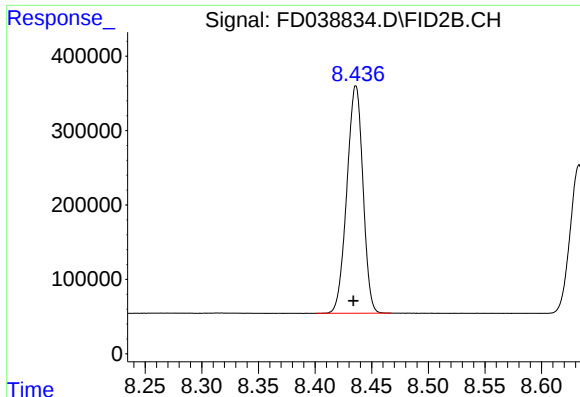
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 3271629
Conc: 20.22 ug/ml



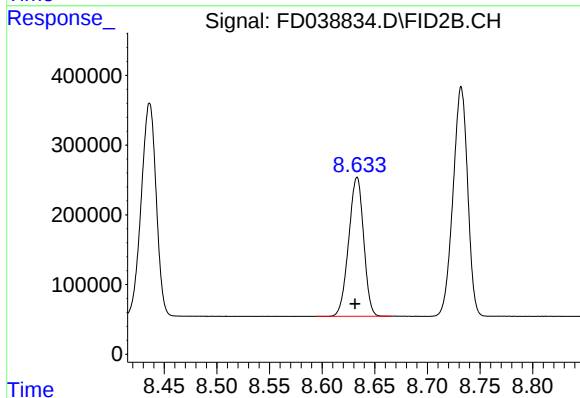
#4 2-Bromonaphthalene (SURR)

R.T.: 7.765 min
Delta R.T.: 0.002 min
Response: 2872921
Conc: 20.21 ug/ml



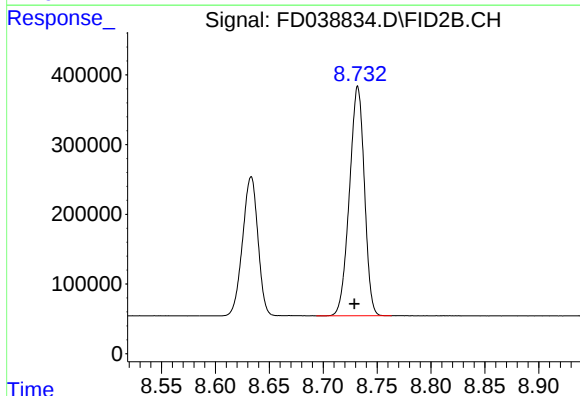
#5 Acenaphthylene (C15.06)

R.T.: 8.436 min
Delta R.T.: 0.002 min
Response: 3024999
Conc: 20.17 ug/ml



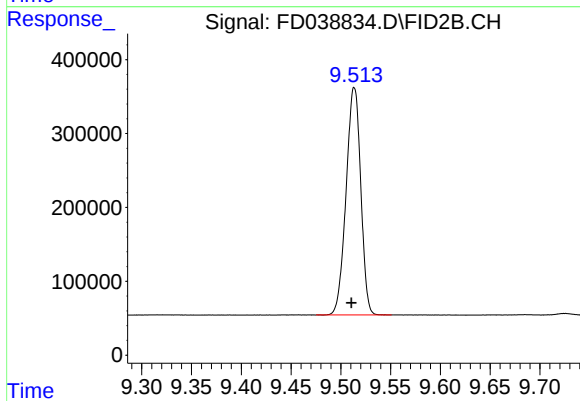
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: 0.002 min
Response: 1973744
Conc: 20.21 ug/ml



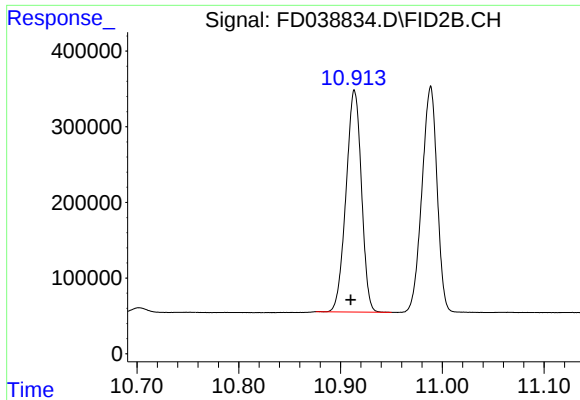
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.003 min
Response: 3182558
Conc: 20.21 ug/ml



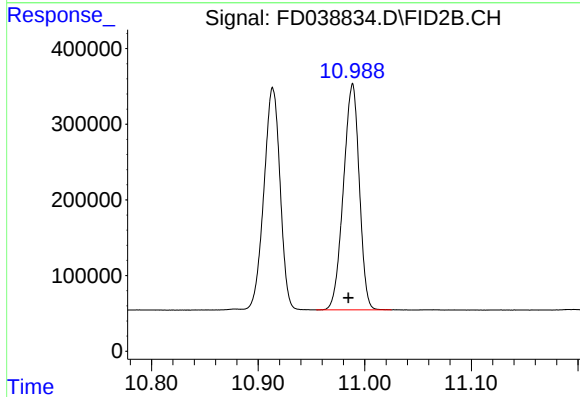
#8 Flouorene (C16.55)

R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 3158007
Conc: 20.23 ug/ml



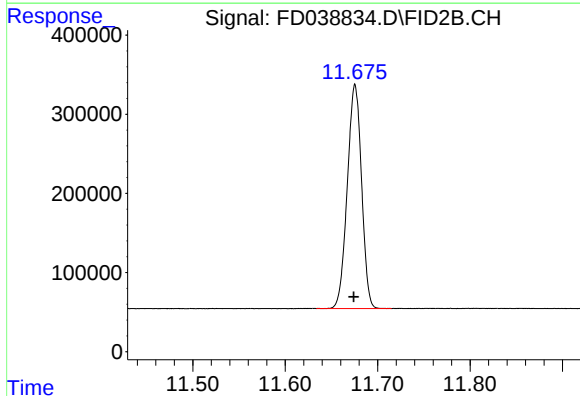
#9 Phenanthrene (C19.36)

R.T.: 10.914 min
Delta R.T.: 0.003 min
Response: 3083655
Conc: 20.16 ug/ml



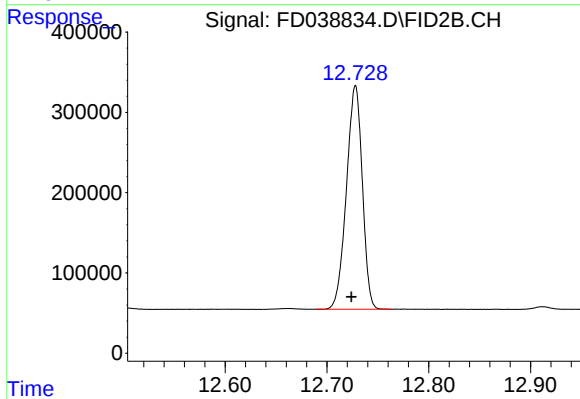
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.004 min
Response: 3091051
Conc: 20.21 ug/ml



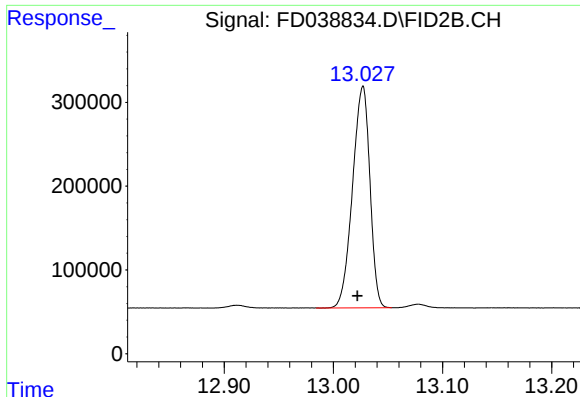
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.001 min
Response: 3036550
Conc: 20.18 ug/ml



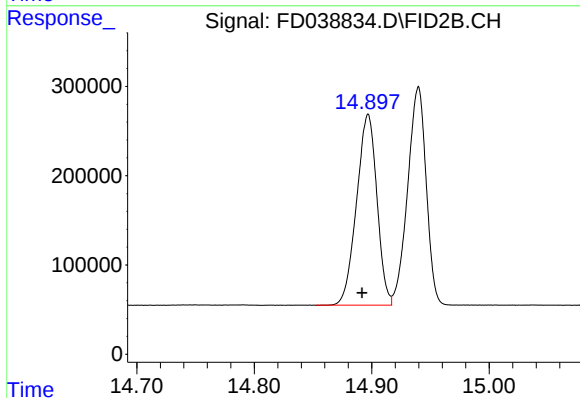
#12 Fluoranthene (C21.85)

R.T.: 12.728 min
Delta R.T.: 0.004 min
Response: 3022535
Conc: 20.21 ug/ml



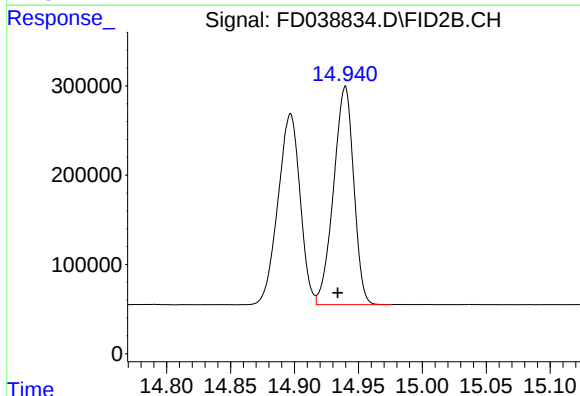
#13 Pyrene (C20.8)

R.T.: 13.027 min
Delta R.T.: 0.005 min
Response: 2923993
Conc: 20.19 ug/ml



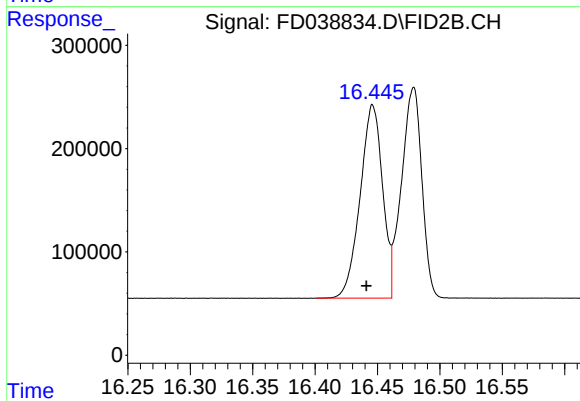
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.897 min
Delta R.T.: 0.005 min
Response: 2572918
Conc: 20.21 ug/ml



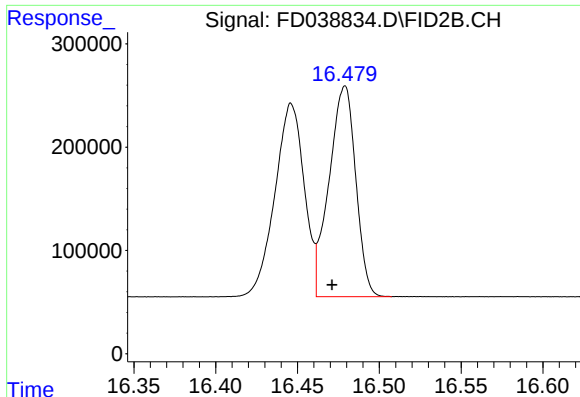
#15 Chrysene (C27.41)

R.T.: 14.940 min
Delta R.T.: 0.006 min
Response: 2682286
Conc: 20.14 ug/ml



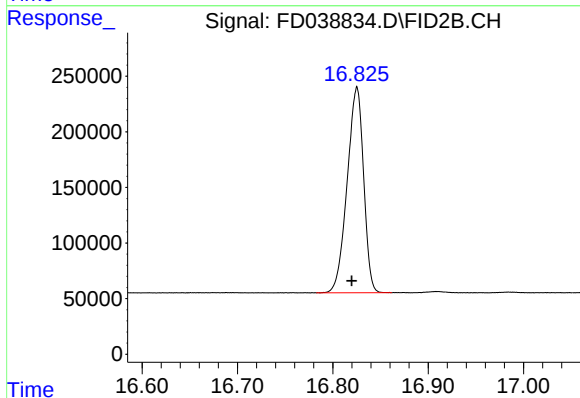
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.446 min
Delta R.T.: 0.005 min
Response: 2338425
Conc: 20.23 ug/ml



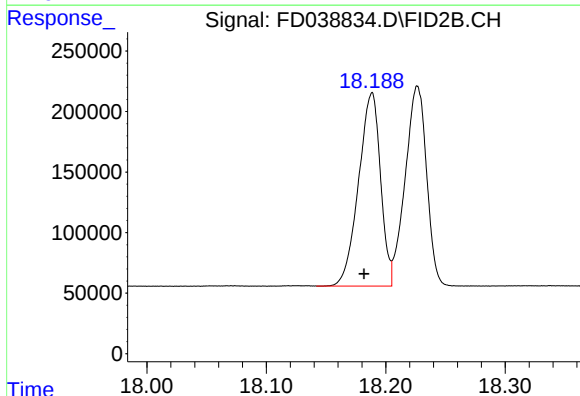
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.479 min
Delta R.T.: 0.008 min
Response: 2314786
Conc: 20.24 ug/ml



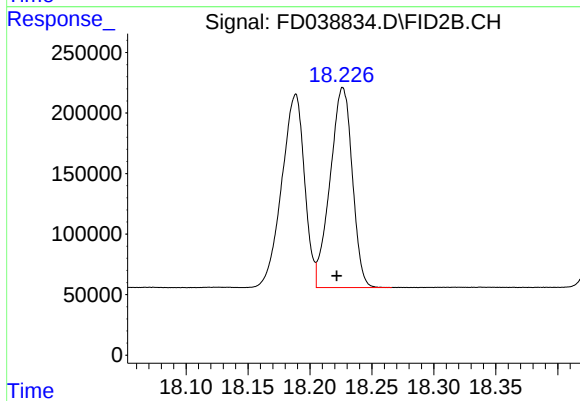
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.825 min
Delta R.T.: 0.006 min
Response: 2218215
Conc: 20.20 ug/ml



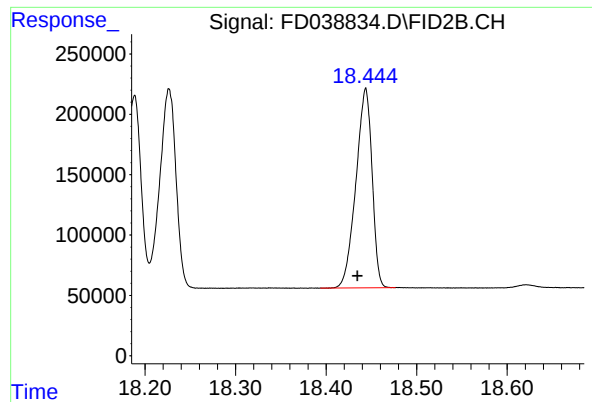
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min
Delta R.T.: 0.007 min
Response: 2037336
Conc: 19.96 ug/ml



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

R.T.: 18.227 min
Delta R.T.: 0.005 min
Response: 2060529
Conc: 20.25 ug/ml



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

R.T.: 18.444 min
Delta R.T.: 0.009 min
Response: 2046428
Conc: 20.09 ug/ml