

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051121AR\
 Data File : FD037458.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2021 12:58
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:54:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.561	2230080	18.861 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
6) S 2-Fluorobiphenyl (SURR)	8.422	1395341	18.083 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.17%
11) S ortho-Terphenyl (SURR)	11.462	2268726	18.368 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	2640004	19.853 ug/ml
2) T Naphthalene (C11.7)	5.898	2621065	19.067 ug/ml
3) T 2-Methylnaphthalene (...)	6.950	2507872	18.701 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2298302	18.374 ug/ml
7) T Acenaphthene (C15.5)	8.520	2378315	18.404 ug/ml
8) T Flouorene (C16.55)	9.300	2194137	17.913 ug/ml
9) T Phenanthrene (C19.36)	10.695	2089643	17.727 ug/ml
10) T Anthracene (C19.43)	10.769	1774693	15.407 ug/ml
12) T Fluoranthene (C21.85)	12.506	2121258	18.188 ug/ml
13) T Pyrene (C20.8)	12.802	2124466	18.454 ug/ml
14) T Benzo[a]anthracene (C...	14.673	1977423	17.967 ug/ml
15) T Chrysene (C27.41)	14.715	2095620	18.512 ug/ml
16) T benzo[b]fluoranthene ...	16.222	2131840	19.006 ug/ml
17) T Bnezo[k]fluoranthene ...	16.254	2057990	19.108 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.600	1920807	18.559 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.965	1914952	18.002 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	1843718	17.646 ug/ml
21) T Benzo[g,h,i]perylene ...	18.219	2032709	19.031 ug/ml

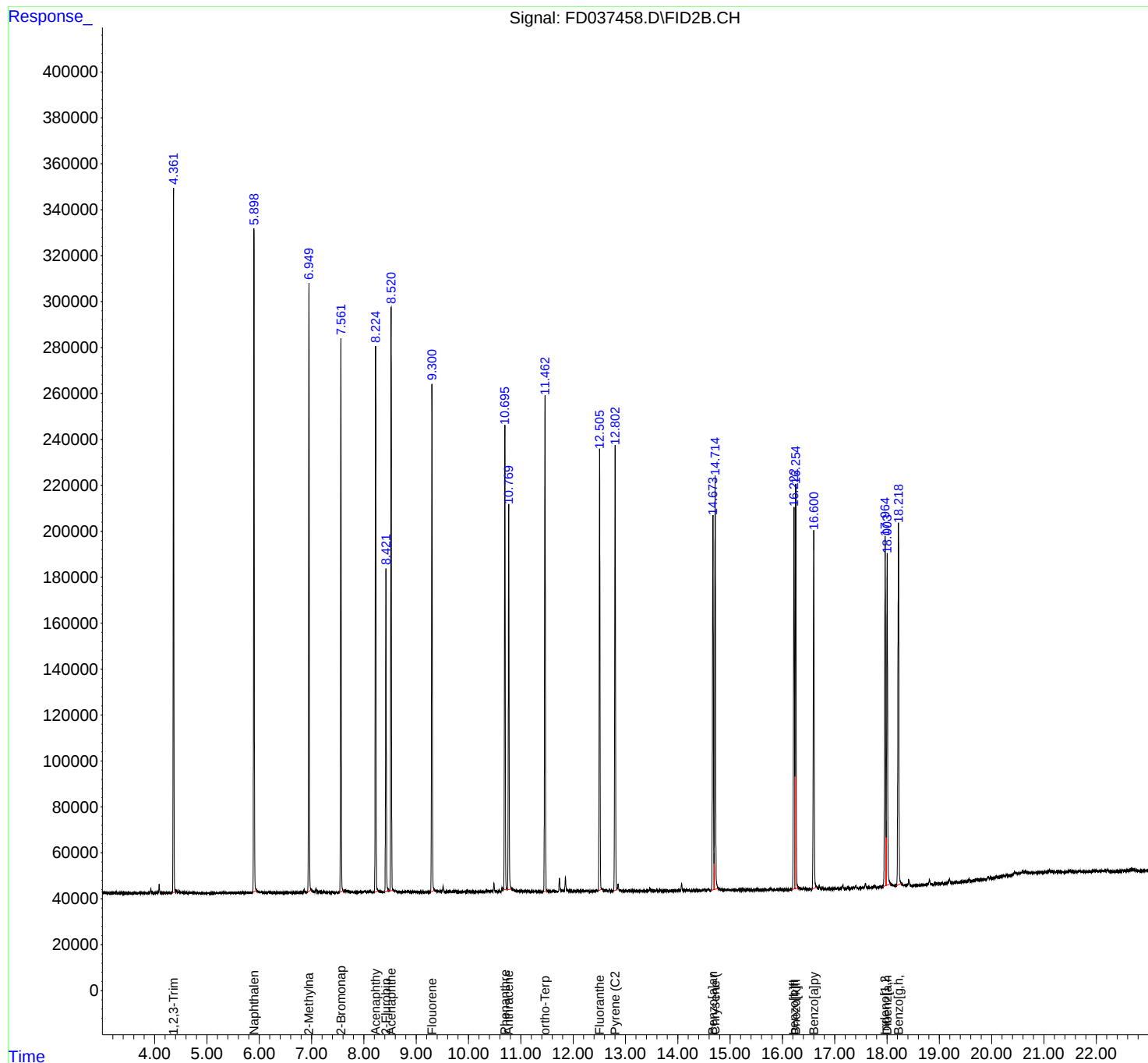
(f)=RT Delta > 1/2 Window

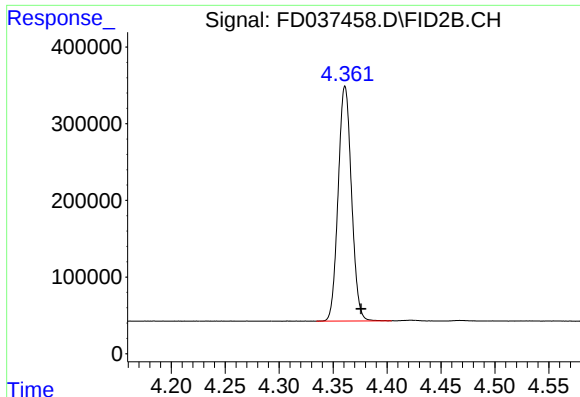
(m)=manual int.

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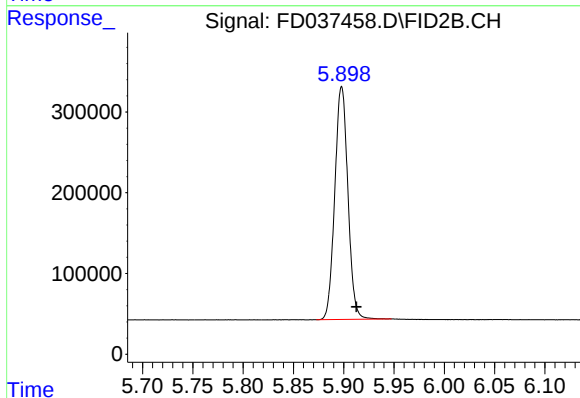
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





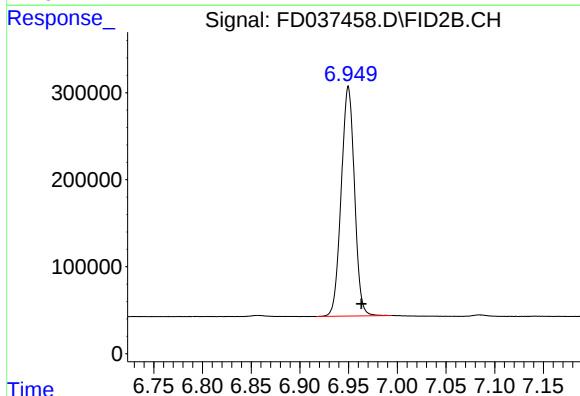
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.015 min
Response: 2640004
Conc: 19.85 ug/ml



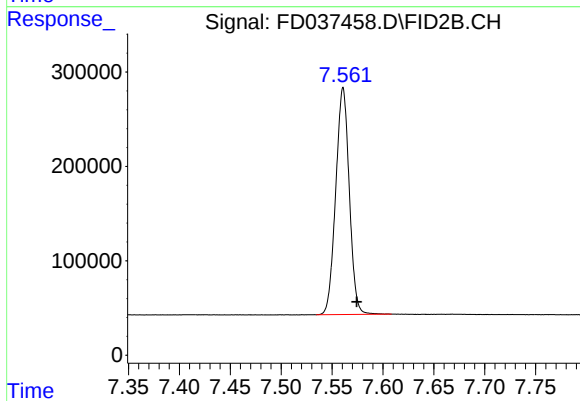
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.015 min
Response: 2621065
Conc: 19.07 ug/ml



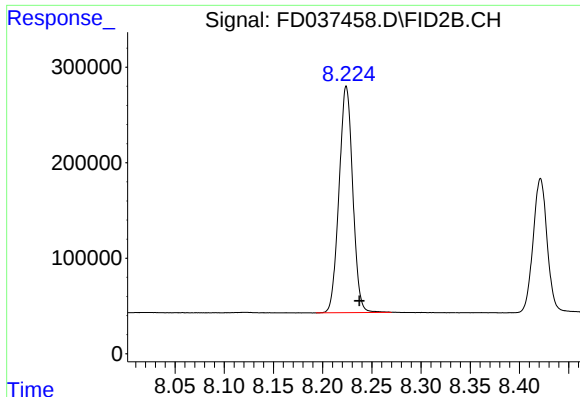
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.950 min
Delta R.T.: -0.014 min
Response: 2507872
Conc: 18.70 ug/ml



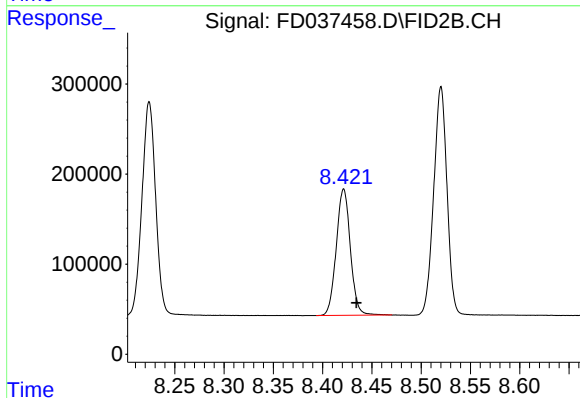
#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: -0.013 min
Response: 2230080
Conc: 18.86 ug/ml



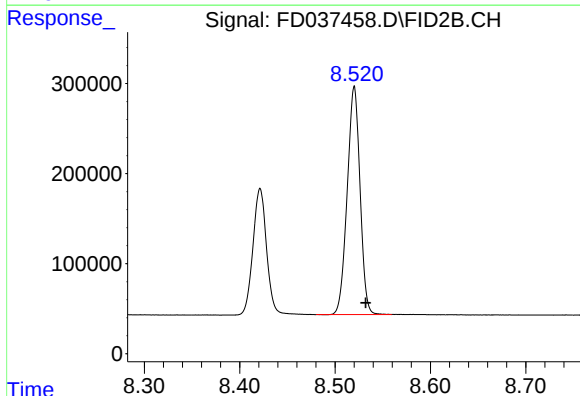
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.013 min
Response: 2298302
Conc: 18.37 ug/ml



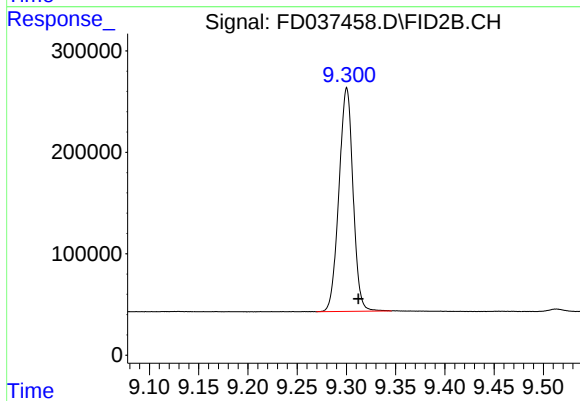
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.422 min
Delta R.T.: -0.013 min
Response: 1395341
Conc: 18.08 ug/ml



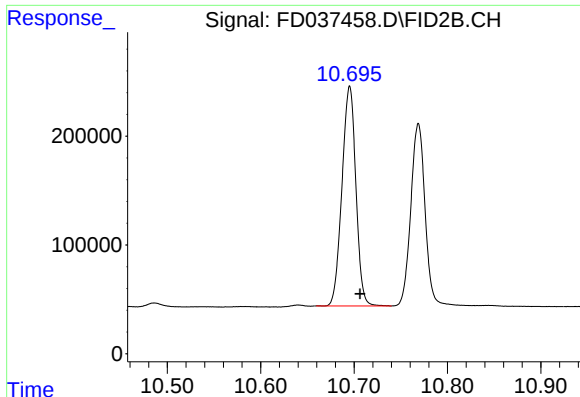
#7 Acenaphthene (C15.5)

R.T.: 8.520 min
Delta R.T.: -0.012 min
Response: 2378315
Conc: 18.40 ug/ml



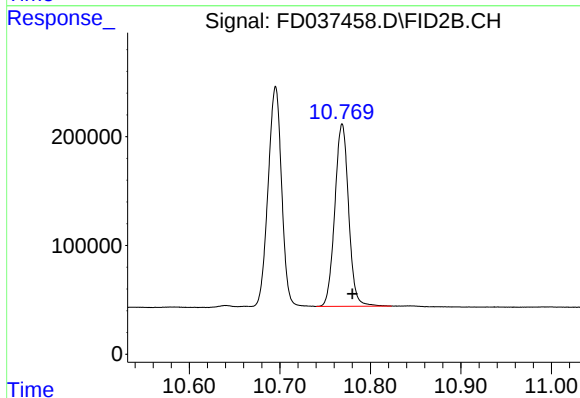
#8 Flouorene (C16.55)

R.T.: 9.300 min
Delta R.T.: -0.012 min
Response: 2194137
Conc: 17.91 ug/ml



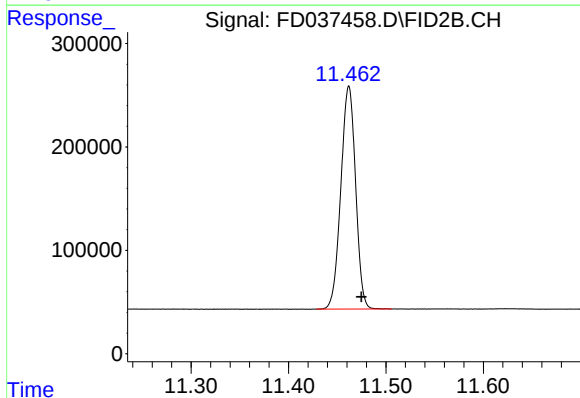
#9 Phenanthrene (C19.36)

R.T.: 10.695 min
Delta R.T.: -0.011 min
Response: 2089643
Conc: 17.73 ug/ml



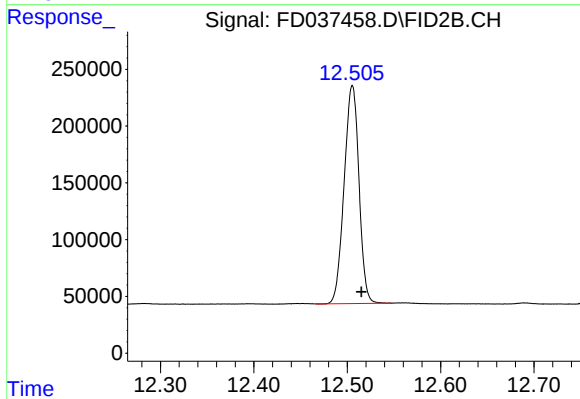
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: -0.011 min
Response: 1774693
Conc: 15.41 ug/ml



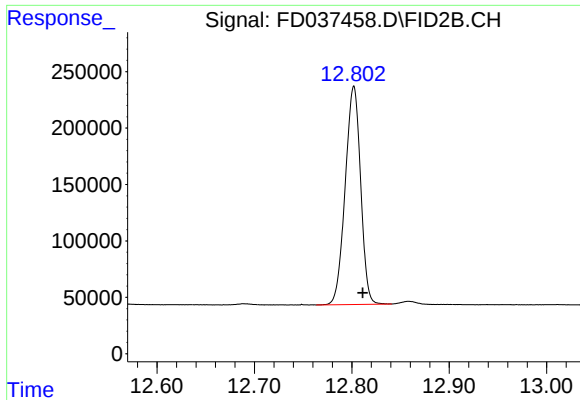
#11 ortho-Terphenyl (SURR)

R.T.: 11.462 min
Delta R.T.: -0.013 min
Response: 2268726
Conc: 18.37 ug/ml



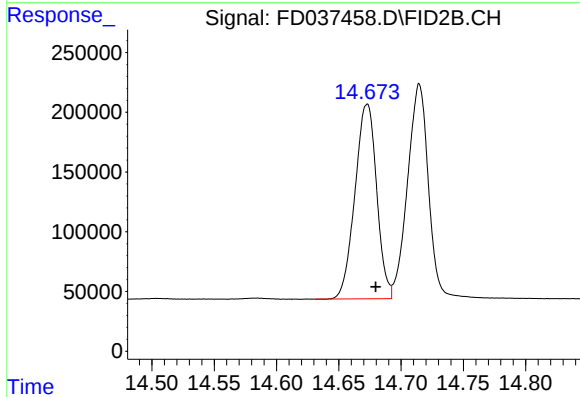
#12 Fluoranthene (C21.85)

R.T.: 12.506 min
Delta R.T.: -0.010 min
Response: 2121258
Conc: 18.19 ug/ml



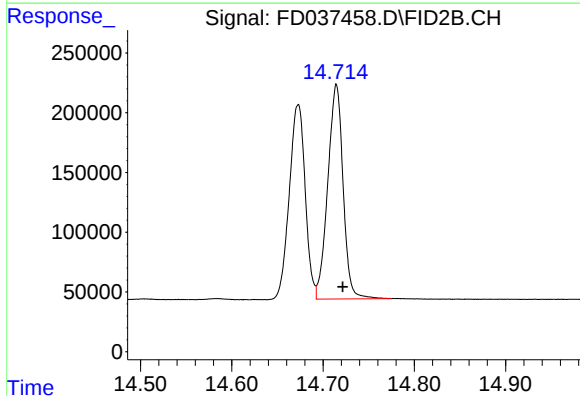
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.009 min
Response: 2124466
Conc: 18.45 ug/ml



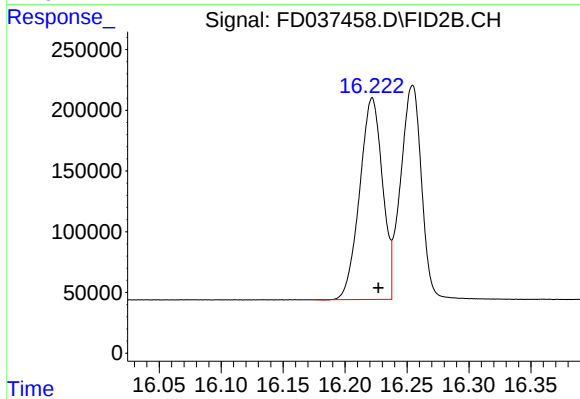
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: -0.007 min
Response: 1977423
Conc: 17.97 ug/ml



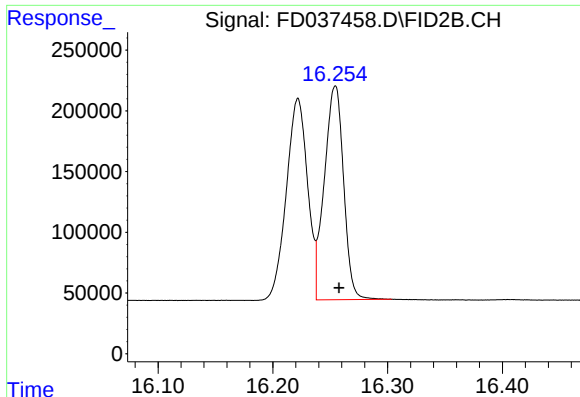
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: -0.007 min
Response: 2095620
Conc: 18.51 ug/ml



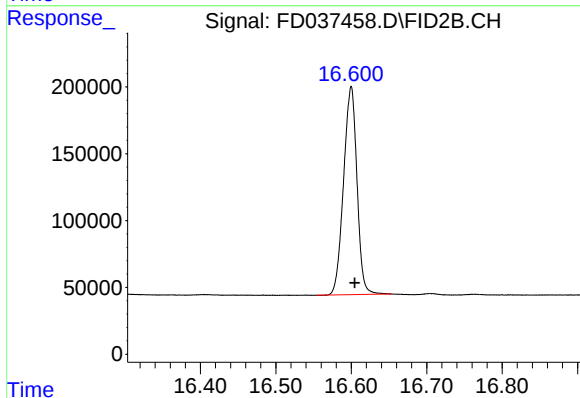
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.222 min
Delta R.T.: -0.005 min
Response: 2131840
Conc: 19.01 ug/ml



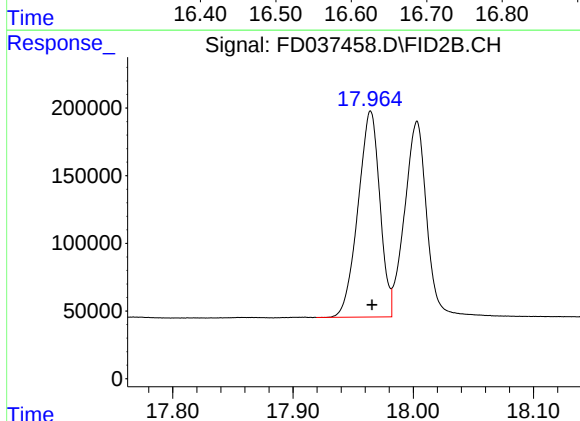
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.254 min
Delta R.T.: -0.003 min
Response: 2057990
Conc: 19.11 ug/ml



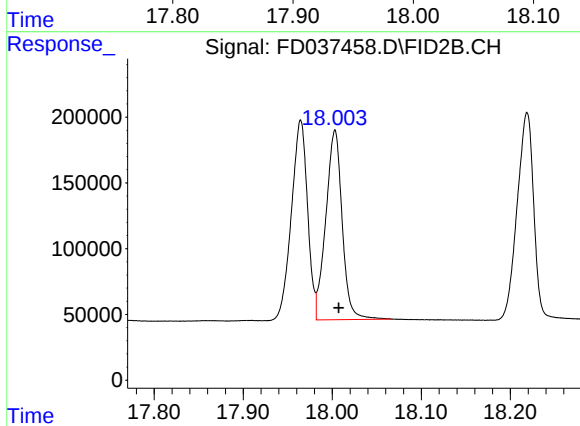
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.600 min
Delta R.T.: -0.005 min
Response: 1920807
Conc: 18.56 ug/ml



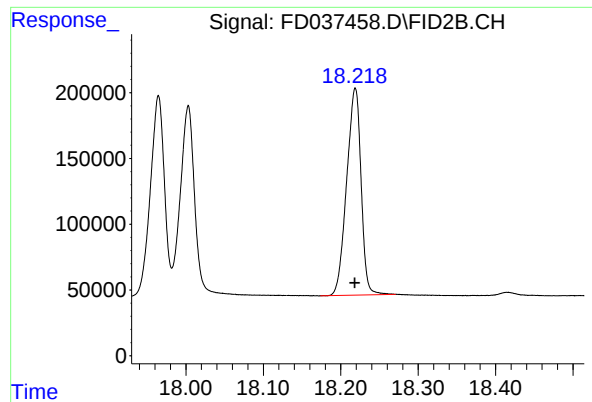
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.965 min
Delta R.T.: -0.001 min
Response: 1914952
Conc: 18.00 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.004 min
Response: 1843718
Conc: 17.65 ug/ml



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

R.T.: 18.219 min
Delta R.T.: 0.000 min
Response: 2032709
Conc: 19.03 ug/ml