

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102521AR\
 Data File : FD039265.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 5:38
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 06:24:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.759	2035162	15.593 ug/ml
Spiked Amount 50.000		Recovery =	31.19%
6) S 2-Fluorobiphenyl (SURR)	8.630	1333159	14.978 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	29.96%
11) S ortho-Terphenyl (SURR)	11.673	2111375	15.366 ug/ml
Spiked Amount 50.000		Recovery =	30.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	2285378	16.329 ug/ml
2) T Naphthalene (C11.7)	6.096	2307234	15.637 ug/ml
3) T 2-Methylnaphthalene (...)	7.151	2307642	15.489 ug/ml
5) T Acenaphthylene (C15.06)	8.432	2107314	15.379 ug/ml
7) T Acenaphthene (C15.5)	8.727	2214168	15.345 ug/ml
8) T Flouorene (C16.55)	9.510	2145784	15.114 ug/ml
9) T Phenanthrene (C19.36)	10.913	2073007	14.945 ug/ml
10) T Anthracene (C19.43)	10.987	2021293	14.784 ug/ml
12) T Fluoranthene (C21.85)	12.729	2050259	14.913 ug/ml
13) T Pyrene (C20.8)	13.028	1989360	14.844 ug/ml
14) T Benzo[a]anthracene (C...	14.902	1904331	15.655 ug/ml
15) T Chrysene (C27.41)	14.944	1998797	15.730 ug/ml
16) T benzo[b]fluoranthene ...	16.455	1988710	16.803 ug/ml
17) T Bnezo[k]fluoranthene ...	16.487	1982361	16.854 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.835	1953686	17.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.203	1913191	17.586 ug/ml
20) T Dibenz[a,h]anthracene...	18.240	1892968	17.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.459	1937885	17.897 ug/ml

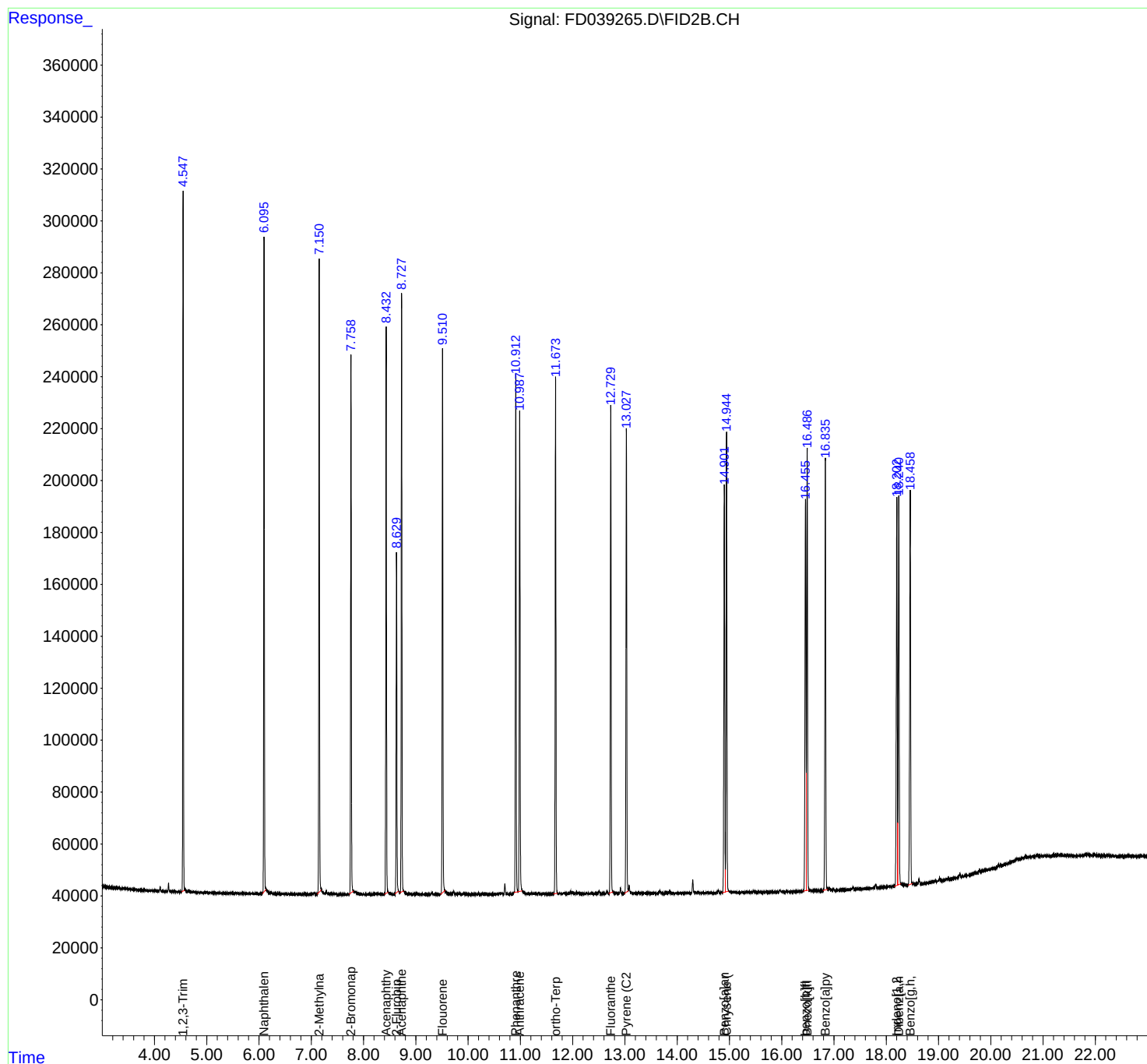
(f)=RT Delta > 1/2 Window

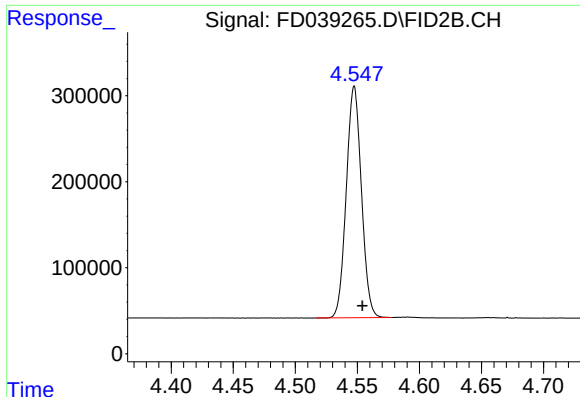
(m)=manual int.

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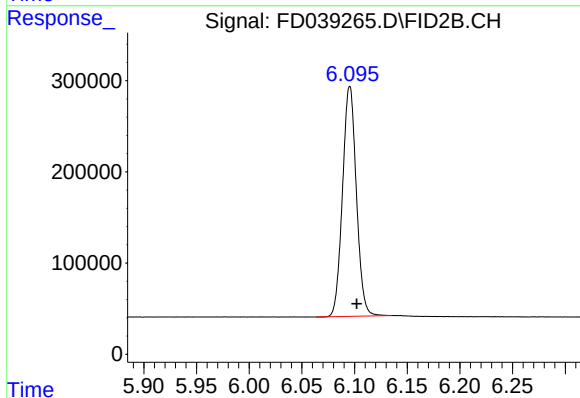
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Signal Info : 20M x 0.18mm x 0.18µm





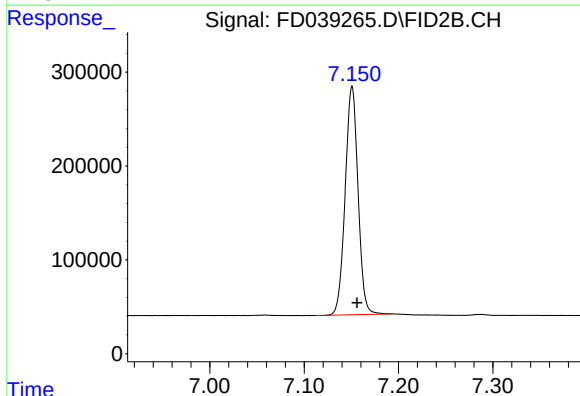
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 2285378
Conc: 16.33 ug/ml



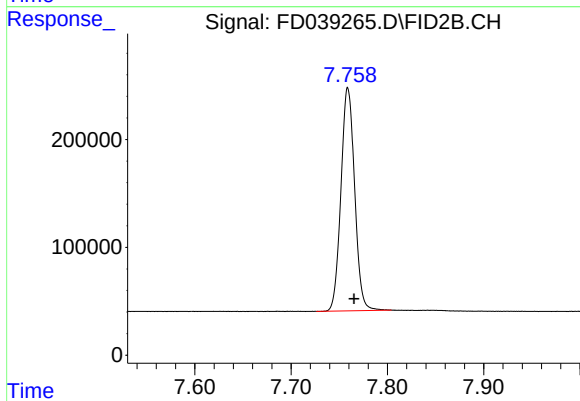
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 2307234
Conc: 15.64 ug/ml



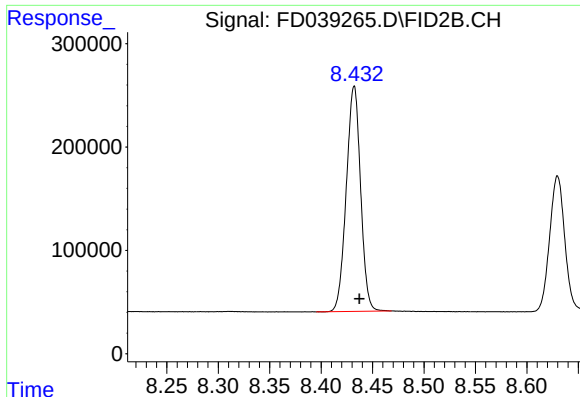
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: -0.005 min
Response: 2307642
Conc: 15.49 ug/ml



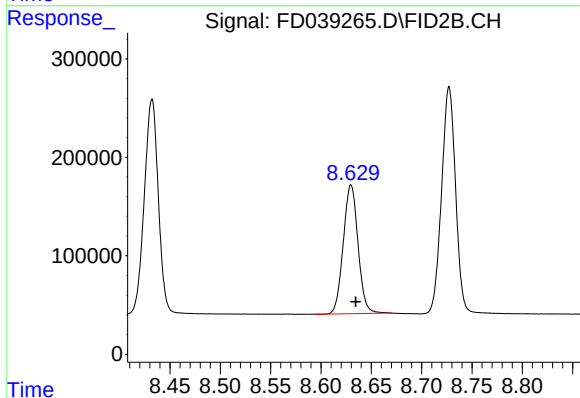
#4 2-Bromonaphthalene (SURR)

R.T.: 7.759 min
Delta R.T.: -0.006 min
Response: 2035162
Conc: 15.59 ug/ml



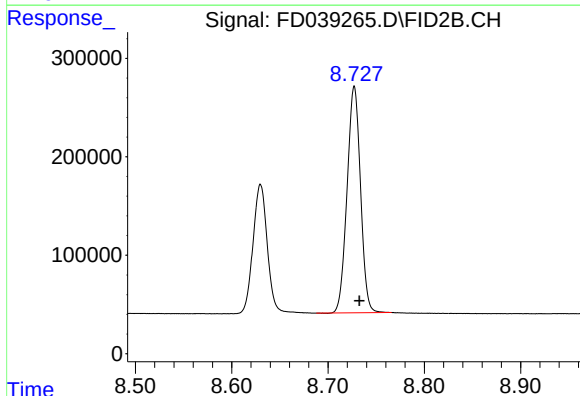
#5 Acenaphthylene (C15.06)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 2107314
Conc: 15.38 ug/ml



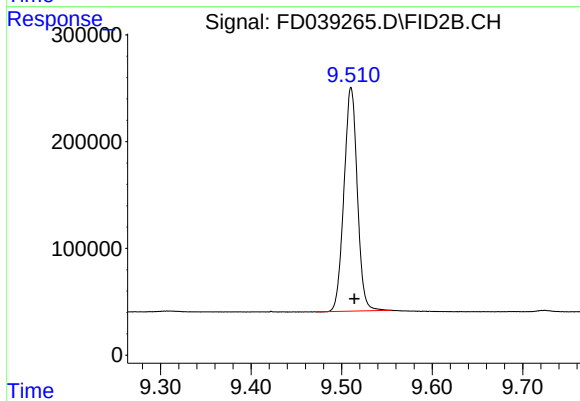
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.630 min
Delta R.T.: -0.005 min
Response: 1333159
Conc: 14.98 ug/ml



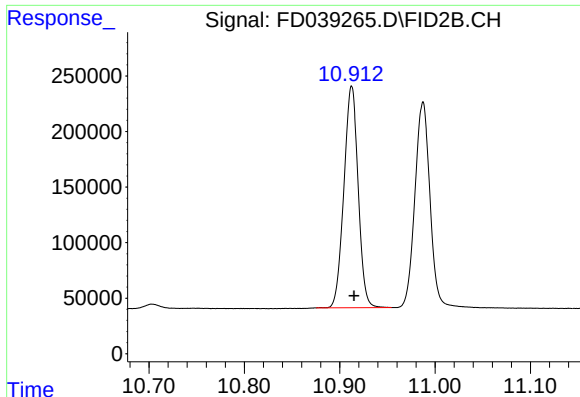
#7 Acenaphthene (C15.5)

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 2214168
Conc: 15.34 ug/ml



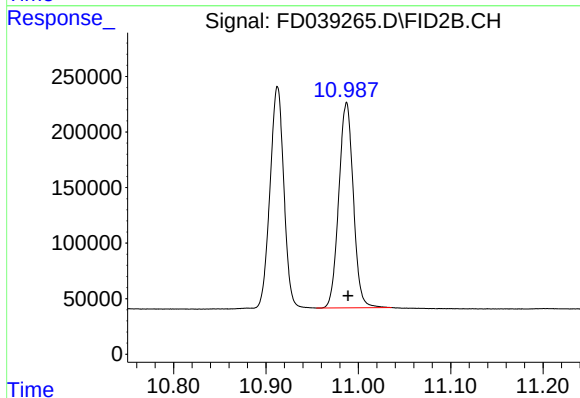
#8 Fluorene (C16.55)

R.T.: 9.510 min
Delta R.T.: -0.004 min
Response: 2145784
Conc: 15.11 ug/ml



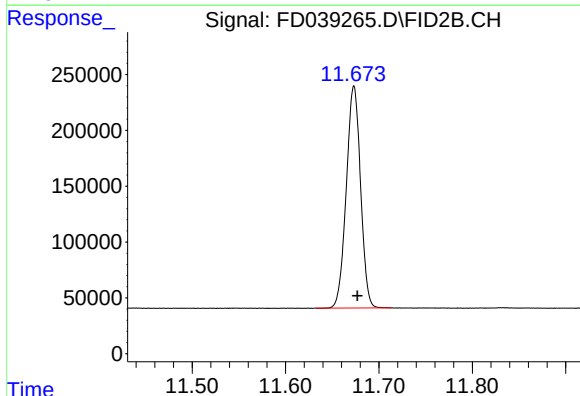
#9 Phenanthrene (C19.36)

R.T.: 10.913 min
Delta R.T.: -0.002 min
Response: 2073007
Conc: 14.95 ug/ml



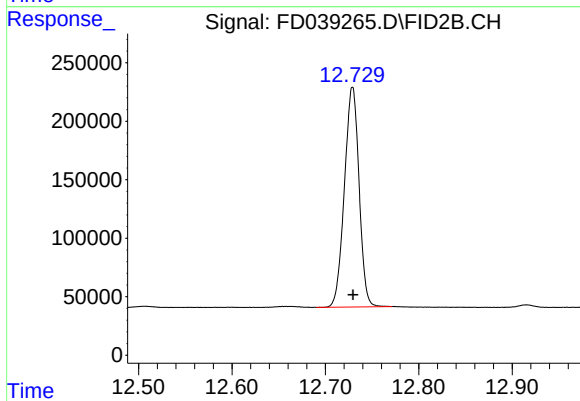
#10 Anthracene (C19.43)

R.T.: 10.987 min
Delta R.T.: -0.002 min
Response: 2021293
Conc: 14.78 ug/ml



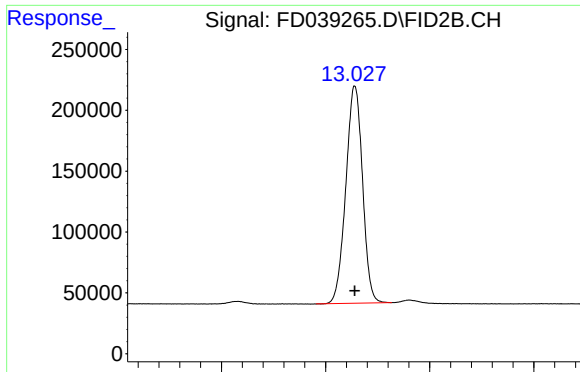
#11 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.004 min
Response: 2111375
Conc: 15.37 ug/ml



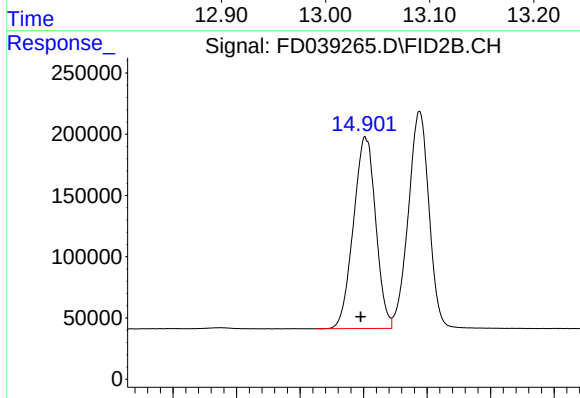
#12 Fluoranthene (C21.85)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 2050259
Conc: 14.91 ug/ml



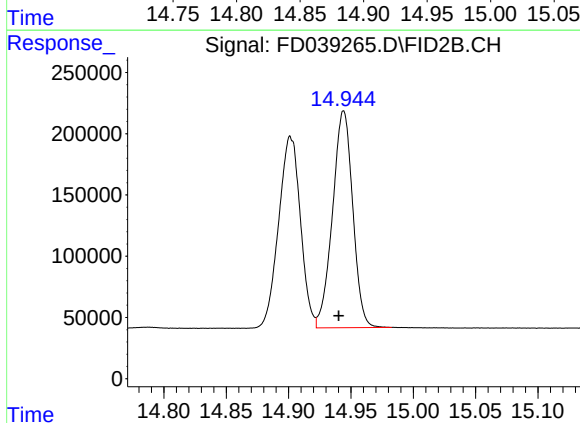
#13 Pyrene (C20.8)

R.T.: 13.028 min
Delta R.T.: 0.000 min
Response: 1989360
Conc: 14.84 ug/ml



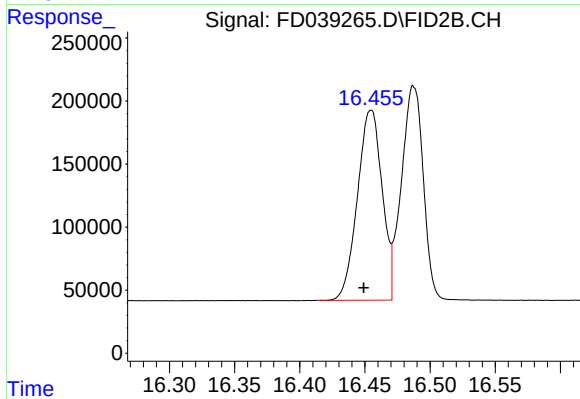
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.902 min
Delta R.T.: 0.004 min
Response: 1904331
Conc: 15.66 ug/ml



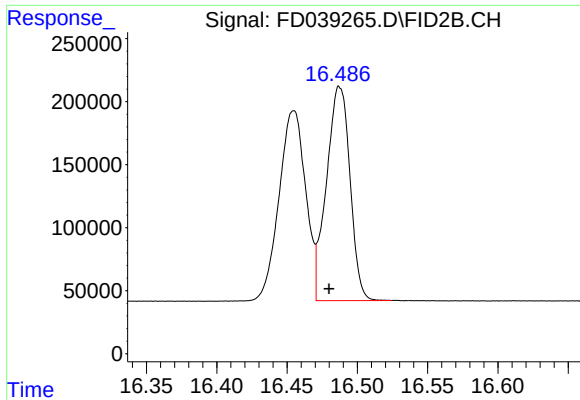
#15 Chrysene (C27.41)

R.T.: 14.944 min
Delta R.T.: 0.004 min
Response: 1998797
Conc: 15.73 ug/ml



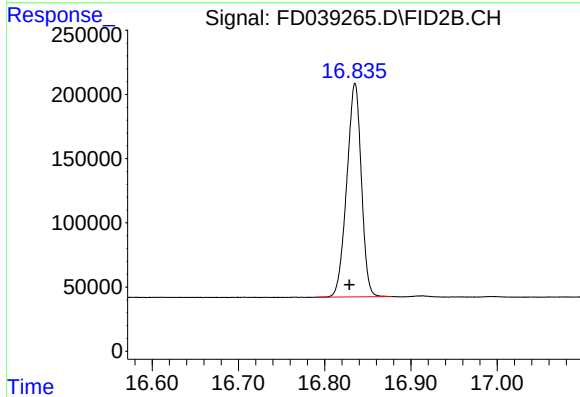
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.455 min
Delta R.T.: 0.006 min
Response: 1988710
Conc: 16.80 ug/ml



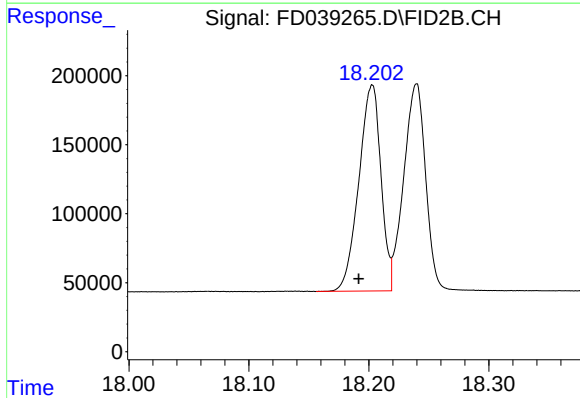
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.487 min
Delta R.T.: 0.008 min
Response: 1982361
Conc: 16.85 ug/ml



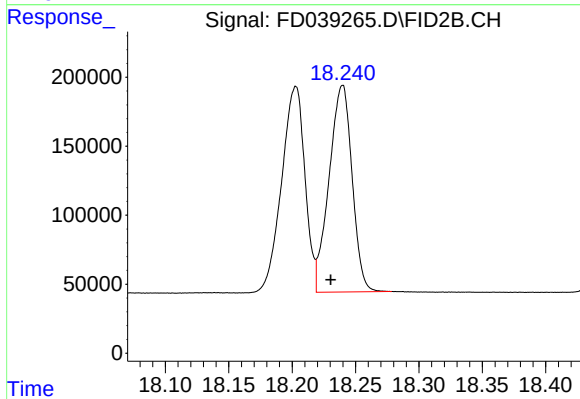
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.835 min
Delta R.T.: 0.007 min
Response: 1953686
Conc: 17.07 ug/ml



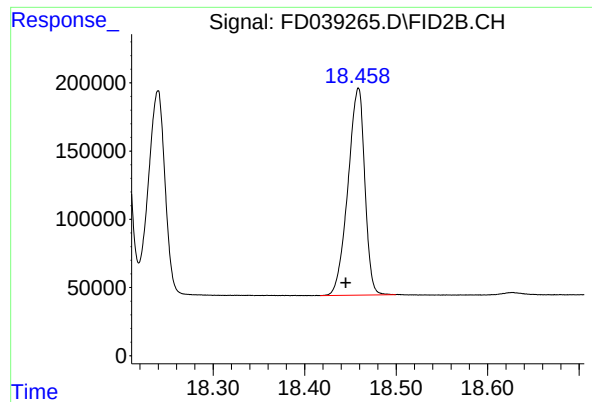
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.203 min
Delta R.T.: 0.011 min
Response: 1913191
Conc: 17.59 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.009 min
Response: 1892968
Conc: 17.81 ug/ml



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

R.T.: 18.459 min
Delta R.T.: 0.014 min
Response: 1937885
Conc: 17.90 ug/ml