

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AR\
 Data File : FD039114.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2021 10:27
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 19 11:42:17 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...	7.758	2258873	17.307 ug/ml
Spiked Amount 50.000		Recovery =	34.61%
6) S 2-Fluorobiphenyl (SURR)	8.627	1495390	16.801 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.60%
11) S ortho-Terphenyl (SURR)	11.670	2291097	16.674 ug/ml
Spiked Amount 50.000		Recovery =	33.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.549	2541674	18.160 ug/ml
2) T Naphthalene (C11.7)	6.095	2589326	17.548 ug/ml
3) T 2-Methylnaphthalene (...)	7.149	2575829	17.289 ug/ml
5) T Acenaphthylene (C15.06)	8.429	2332784	17.024 ug/ml
7) T Acenaphthene (C15.5)	8.725	2463729	17.074 ug/ml
8) T Fluorene (C16.55)	9.507	2377349	16.745 ug/ml
9) T Phenanthrene (C19.36)	10.907	2258354	16.282 ug/ml
10) T Anthracene (C19.43)	10.982	2193802	16.046 ug/ml
12) T Fluoranthene (C21.85)	12.723	2191943	15.944 ug/ml
13) T Pyrene (C20.8)	13.021	2125207	15.858 ug/ml
14) T Benzo[a]anthracene (C...	14.893	1999119	16.434 ug/ml
15) T Chrysene (C27.41)	14.935	2089147	16.441 ug/ml
16) T benzo[b]fluoranthene ...	16.443	2089181	17.652 ug/ml
17) T Bnezo[k]fluoranthene ...	16.475	2087409	17.747 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.823	2068306	18.071 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	2025000	18.614 ug/ml
20) T Dibenz[a,h]anthracene...	18.225	2000148	18.821 ug/ml
21) T Benzo[g,h,i]perylene ...	18.443	2070843	19.125 ug/ml

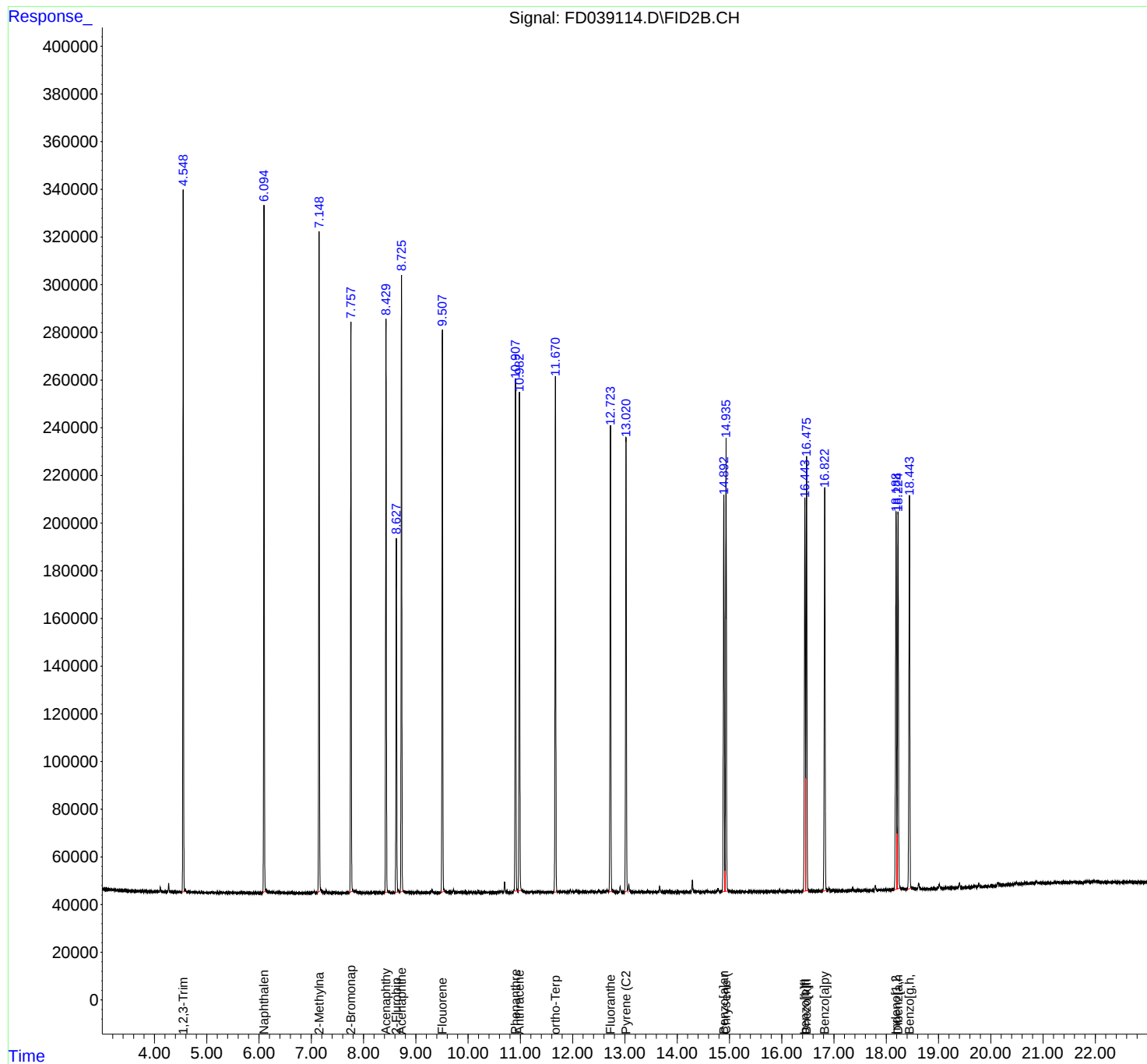
(f)=RT Delta > 1/2 Window

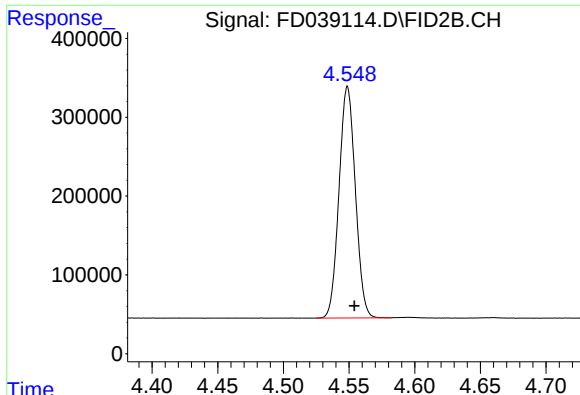
(m)=manual int.

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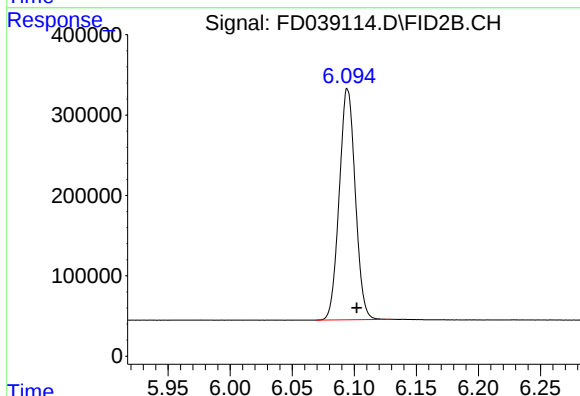
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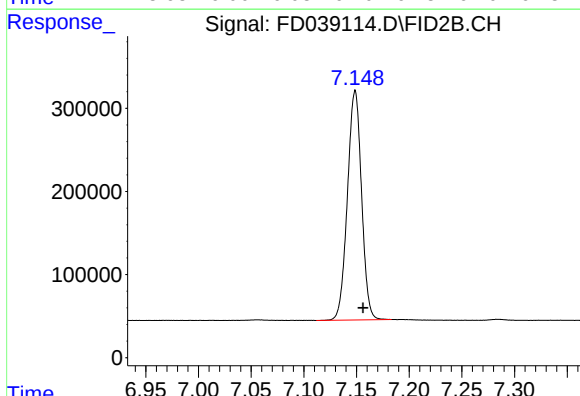
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.549 min
Delta R.T.: -0.005 min
Response: 2541674
Conc: 18.16 ug/ml



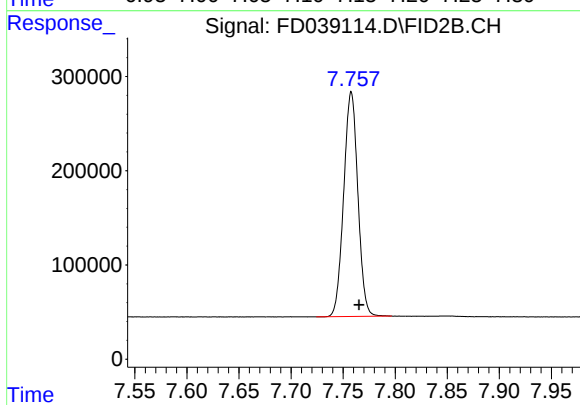
#2 Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: -0.007 min
Response: 2589326
Conc: 17.55 ug/ml



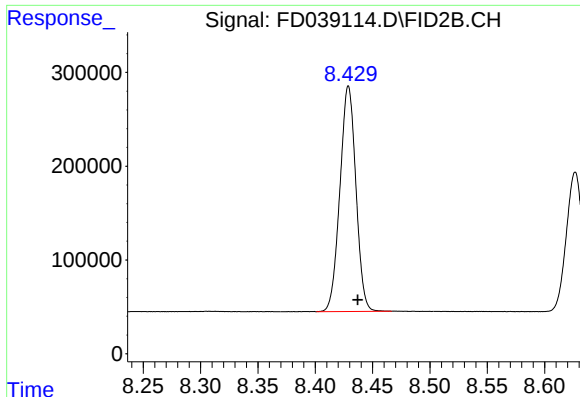
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: -0.007 min
Response: 2575829
Conc: 17.29 ug/ml



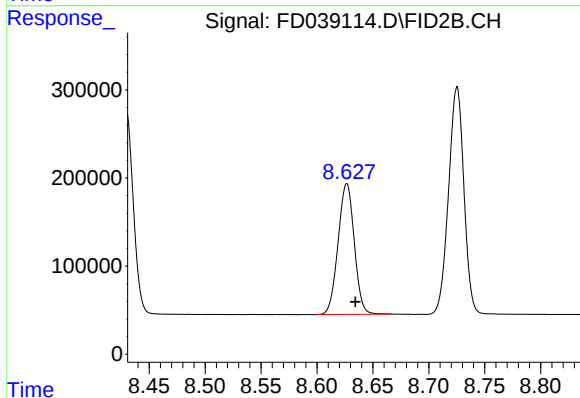
#4 2-Bromonaphthalene (SURR)

R.T.: 7.758 min
Delta R.T.: -0.007 min
Response: 2258873
Conc: 17.31 ug/ml



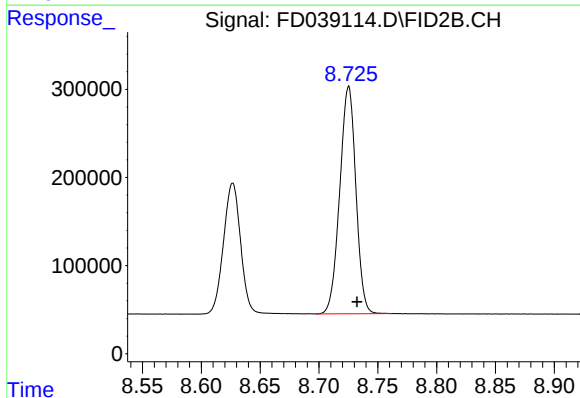
#5 Acenaphthylene (C15.06)

R.T.: 8.429 min
Delta R.T.: -0.008 min
Response: 2332784
Conc: 17.02 ug/ml



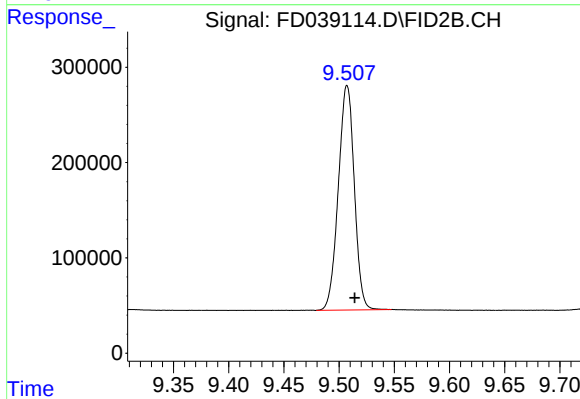
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.627 min
Delta R.T.: -0.008 min
Response: 1495390
Conc: 16.80 ug/ml



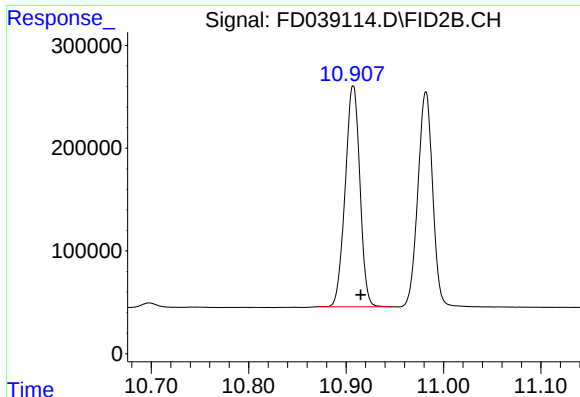
#7 Acenaphthene (C15.5)

R.T.: 8.725 min
Delta R.T.: -0.007 min
Response: 2463729
Conc: 17.07 ug/ml



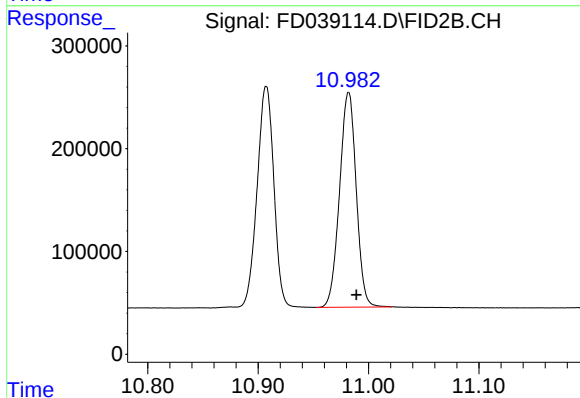
#8 Flouorene (C16.55)

R.T.: 9.507 min
Delta R.T.: -0.007 min
Response: 2377349
Conc: 16.75 ug/ml



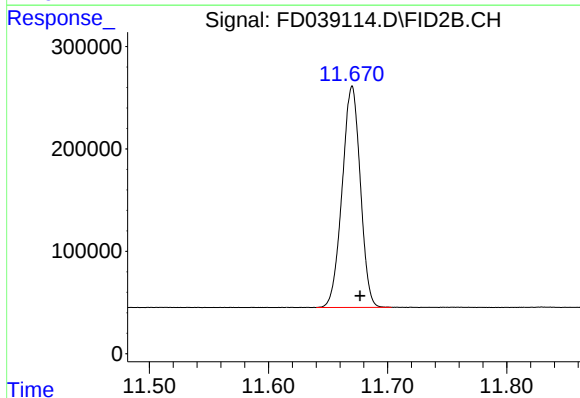
#9 Phenanthrene (C19.36)

R.T.: 10.907 min
Delta R.T.: -0.008 min
Response: 2258354
Conc: 16.28 ug/ml



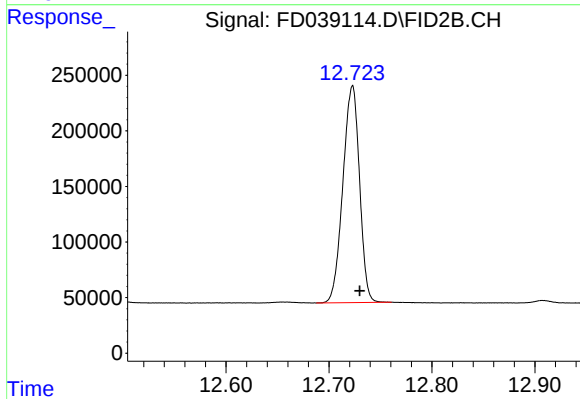
#10 Anthracene (C19.43)

R.T.: 10.982 min
Delta R.T.: -0.007 min
Response: 2193802
Conc: 16.05 ug/ml



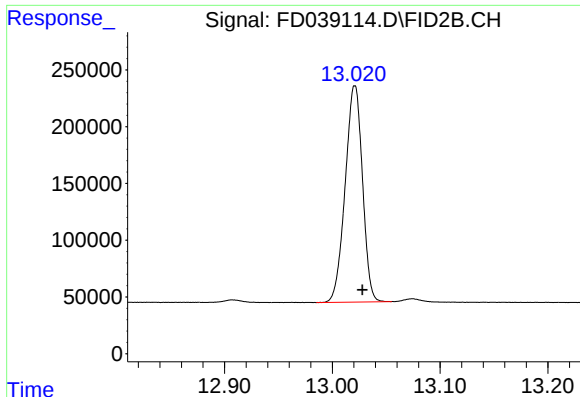
#11 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: -0.006 min
Response: 2291097
Conc: 16.67 ug/ml



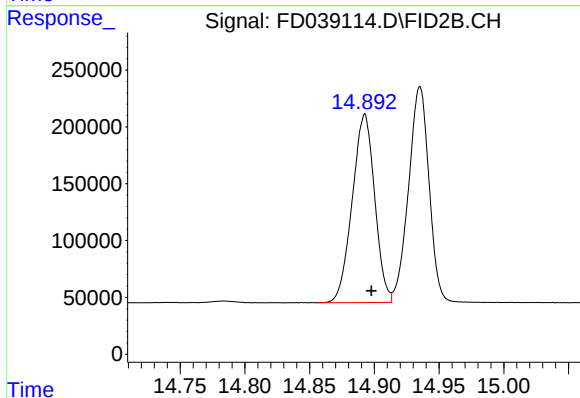
#12 Fluoranthene (C21.85)

R.T.: 12.723 min
Delta R.T.: -0.007 min
Response: 2191943
Conc: 15.94 ug/ml



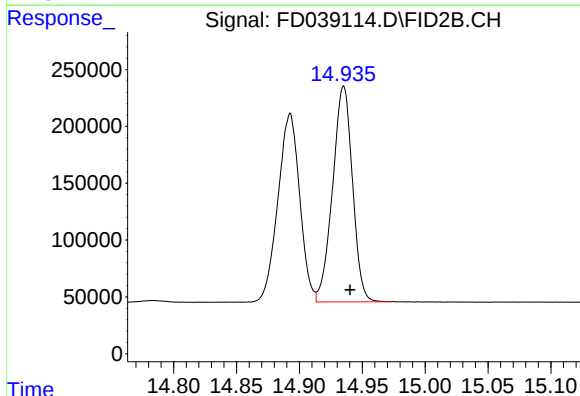
#13 Pyrene (C20.8)

R.T.: 13.021 min
Delta R.T.: -0.007 min
Response: 2125207
Conc: 15.86 ug/ml



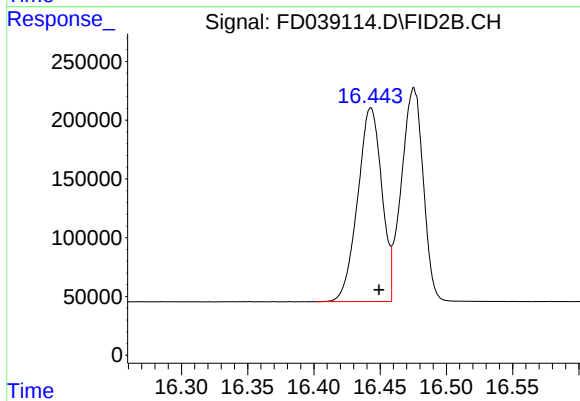
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.893 min
Delta R.T.: -0.005 min
Response: 1999119
Conc: 16.43 ug/ml



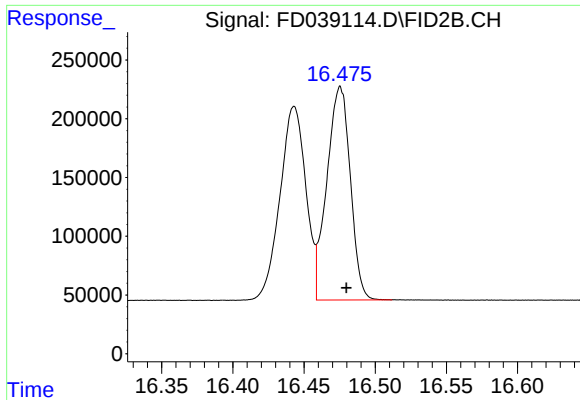
#15 Chrysene (C27.41)

R.T.: 14.935 min
Delta R.T.: -0.005 min
Response: 2089147
Conc: 16.44 ug/ml



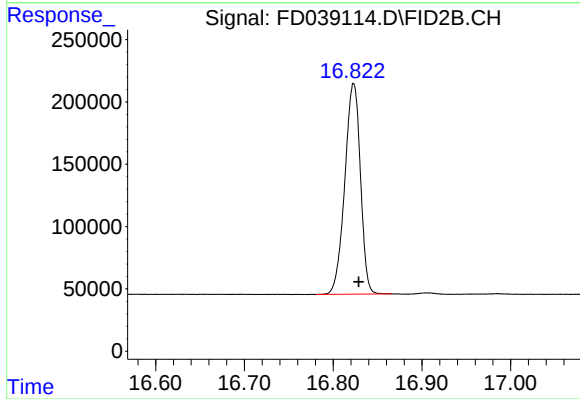
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 2089181
Conc: 17.65 ug/ml



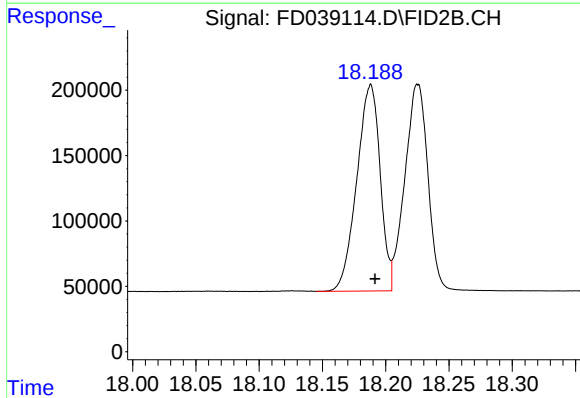
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 2087409
Conc: 17.75 ug/ml



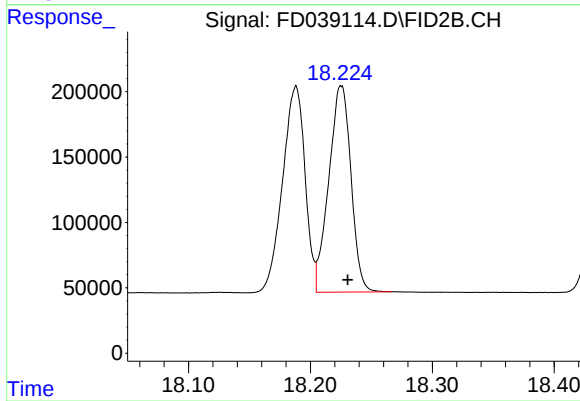
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.823 min
Delta R.T.: -0.006 min
Response: 2068306
Conc: 18.07 ug/ml



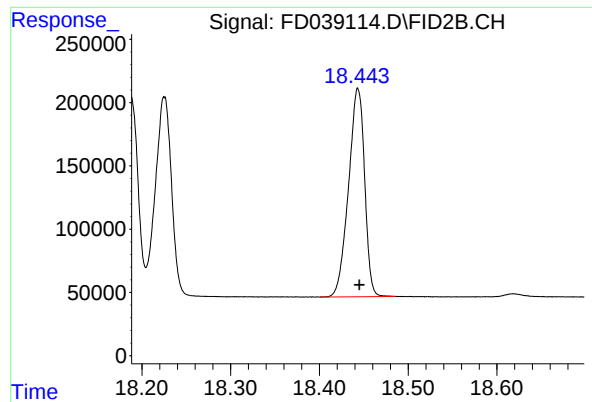
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min
Delta R.T.: -0.004 min
Response: 2025000
Conc: 18.61 ug/ml



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

R.T.: 18.225 min
Delta R.T.: -0.005 min
Response: 2000148
Conc: 18.82 ug/ml



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

R.T.: 18.443 min
Delta R.T.: -0.001 min
Response: 2070843
Conc: 19.12 ug/ml