

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111521AR\
 Data File : FD039443.D
 Signal(s) : FID2B.CH
 Acq On : 15 Nov 2021 10:51
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 15 12:02:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.748	2266760	19.537 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
6) S 2-Fluorobiphenyl (SURR)	8.618	1463123	18.250 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.50%
11) S ortho-Terphenyl (SURR)	11.661	2397052	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.537	2564149	20.834 ug/ml
2) T Naphthalene (C11.7)	6.084	2579757	19.904 ug/ml
3) T 2-Methylnaphthalene (...)	7.139	2571737	19.364 ug/ml
5) T Acenaphthylene (C15.06)	8.419	2395841	19.412 ug/ml
7) T Acenaphthene (C15.5)	8.716	2532980	19.419 ug/ml
8) T Flouorene (C16.55)	9.498	2365313	18.267 ug/ml
9) T Phenanthrene (C19.36)	10.899	2262544	17.520 ug/ml
10) T Anthracene (C19.43)	10.974	2133448	16.676 ug/ml
12) T Fluoranthene (C21.85)	12.716	2194598	16.844 ug/ml
13) T Pyrene (C20.8)	13.014	2123941	16.795 ug/ml
14) T Benzo[a]anthracene (C...	14.888	1929158	16.310 ug/ml
15) T Chrysene (C27.41)	14.930	2072384	16.476 ug/ml
16) T benzo[b]fluoranthene ...	16.442	2038947	17.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.473	2076277	17.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.821	1988300	17.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	1940609	18.127 ug/ml
20) T Dibenz[a,h]anthracene...	18.226	1933055	18.131 ug/ml
21) T Benzo[g,h,i]perylene ...	18.443	2007661	19.024 ug/ml

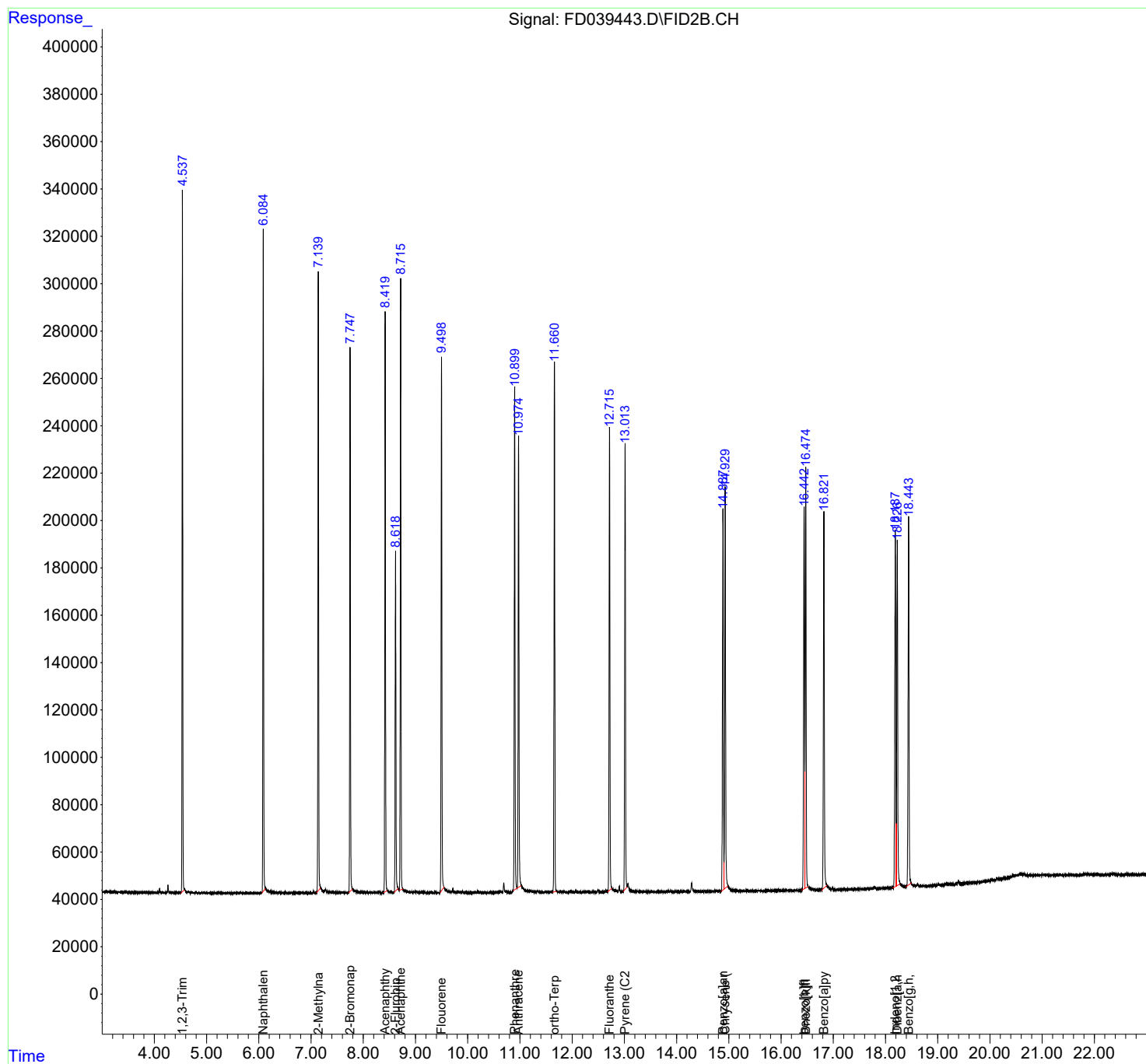
(f)=RT Delta > 1/2 Window

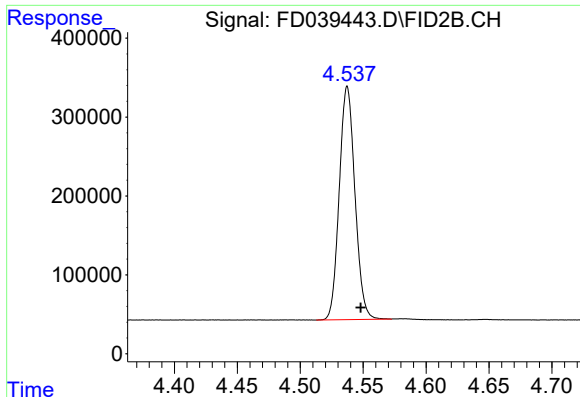
(m)=manual int.

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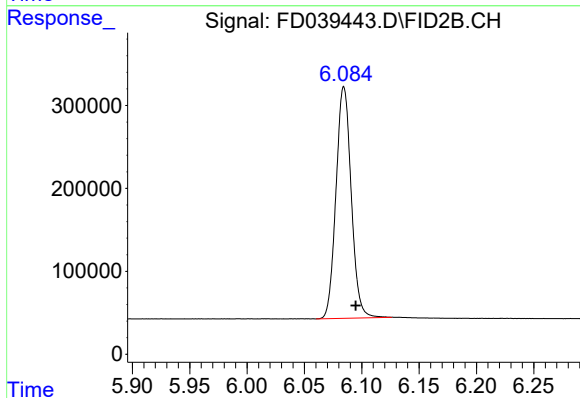
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





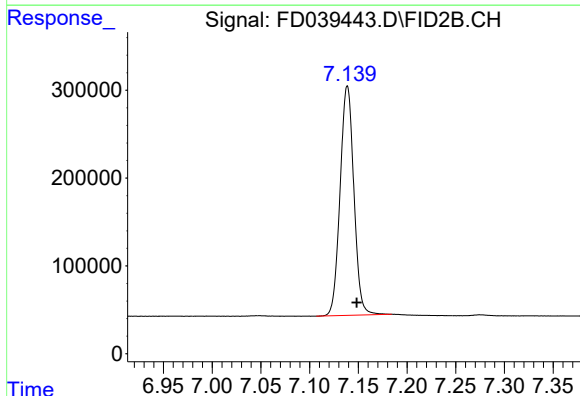
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 2564149
Conc: 20.83 ug/ml



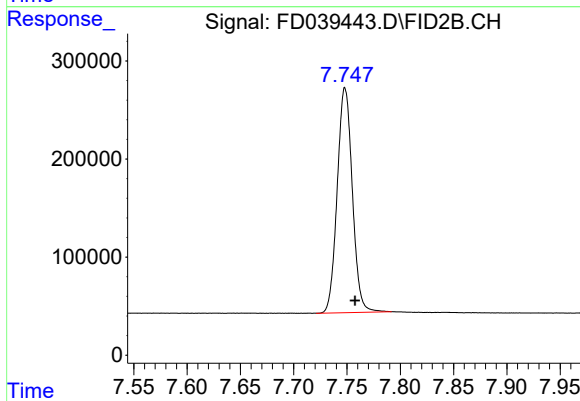
#2 Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.010 min
Response: 2579757
Conc: 19.90 ug/ml



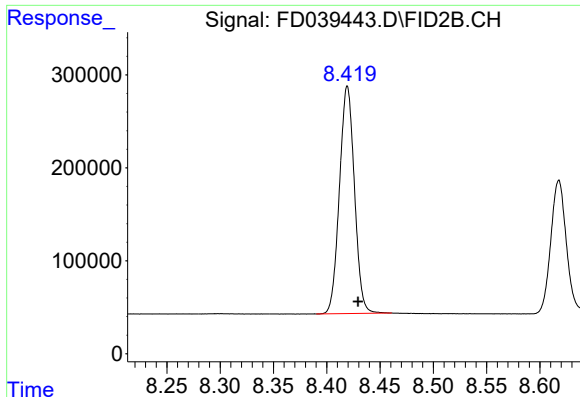
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.009 min
Response: 2571737
Conc: 19.36 ug/ml



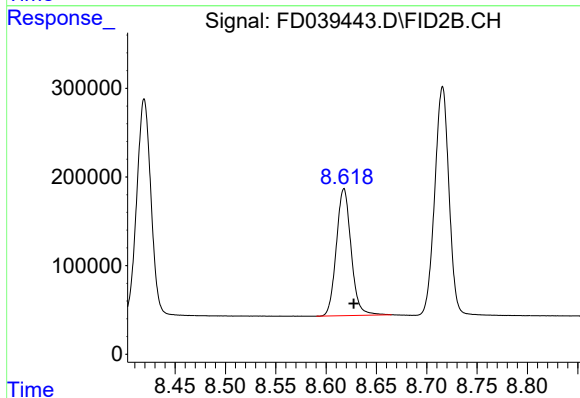
#4 2-Bromonaphthalene (SURR)

R.T.: 7.748 min
Delta R.T.: -0.010 min
Response: 2266760
Conc: 19.54 ug/ml



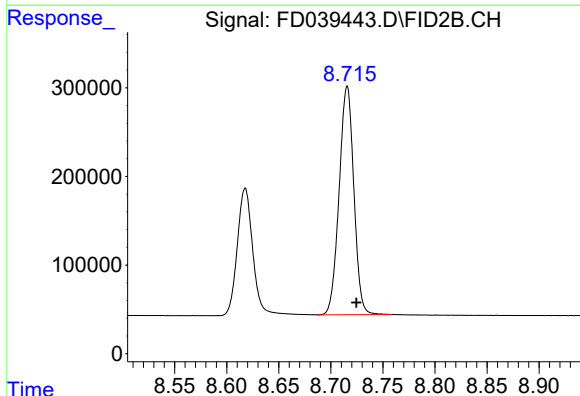
#5 Acenaphthylene (C15.06)

R.T.: 8.419 min
Delta R.T.: -0.010 min
Response: 2395841
Conc: 19.41 ug/ml



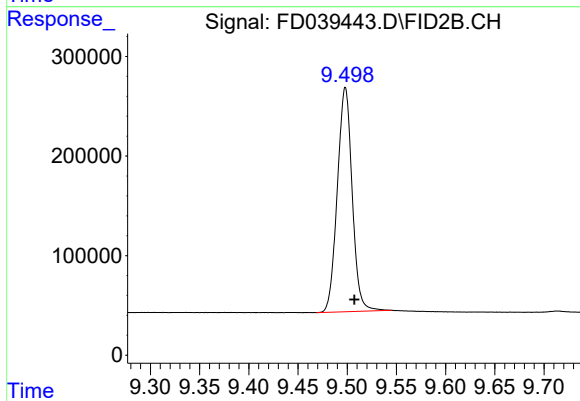
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min
Delta R.T.: -0.010 min
Response: 1463123
Conc: 18.25 ug/ml



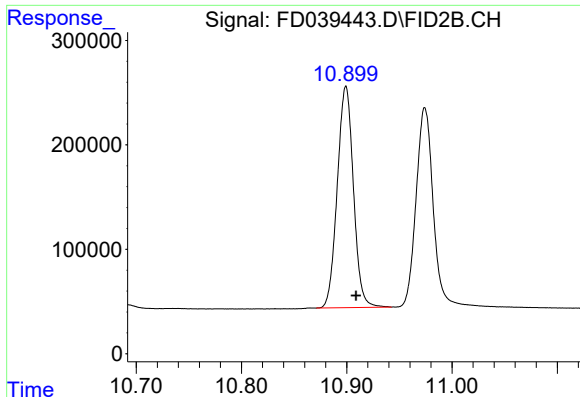
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.009 min
Response: 2532980
Conc: 19.42 ug/ml



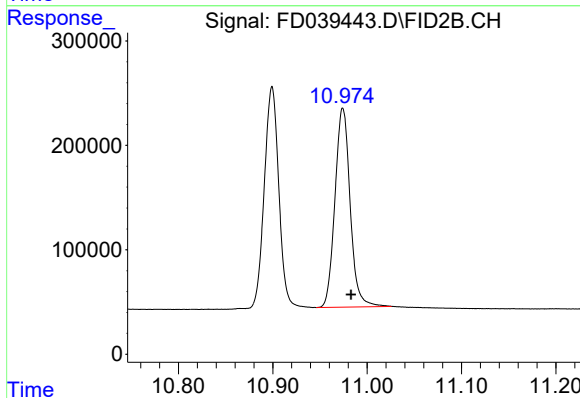
#8 Fluorene (C16.55)

R.T.: 9.498 min
Delta R.T.: -0.009 min
Response: 2365313
Conc: 18.27 ug/ml



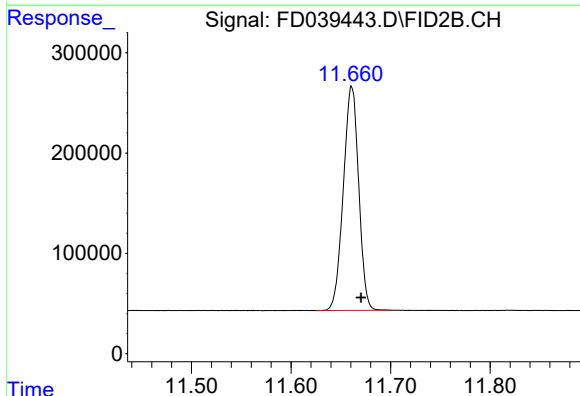
#9 Phenanthrene (C19.36)

R.T.: 10.899 min
Delta R.T.: -0.010 min
Response: 2262544
Conc: 17.52 ug/ml



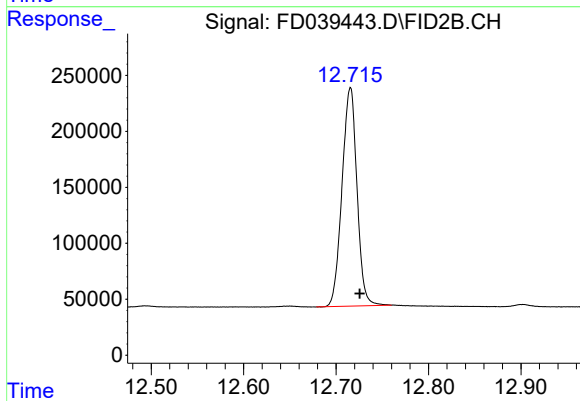
#10 Anthracene (C19.43)

R.T.: 10.974 min
Delta R.T.: -0.009 min
Response: 2133448
Conc: 16.68 ug/ml



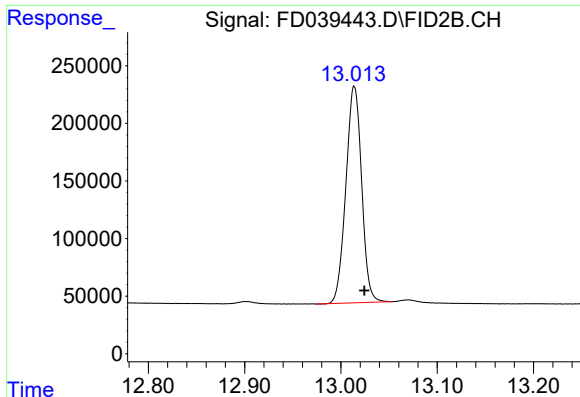
#11 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.010 min
Response: 2397052
Conc: 18.79 ug/ml



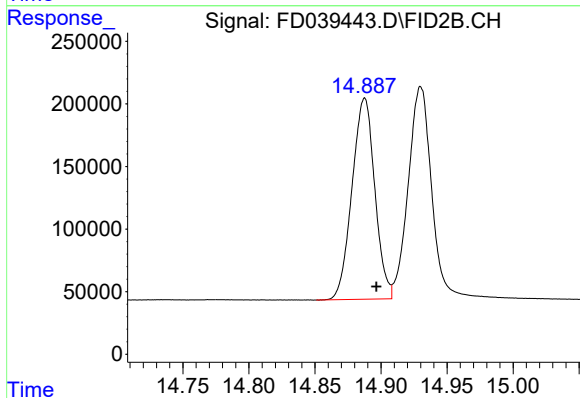
#12 Fluoranthene (C21.85)

R.T.: 12.716 min
Delta R.T.: -0.010 min
Response: 2194598
Conc: 16.84 ug/ml



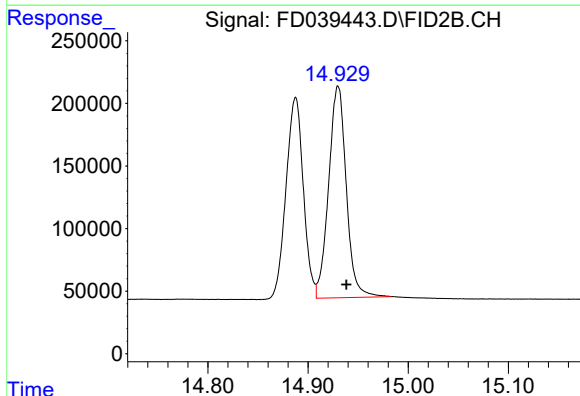
#13 Pyrene (C20.8)

R.T.: 13.014 min
Delta R.T.: -0.010 min
Response: 2123941
Conc: 16.79 ug/ml



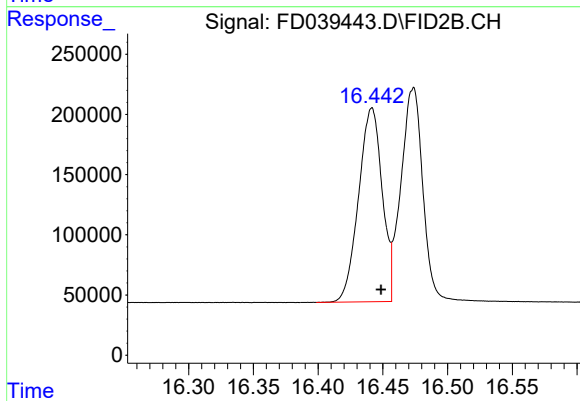
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.009 min
Response: 1929158
Conc: 16.31 ug/ml



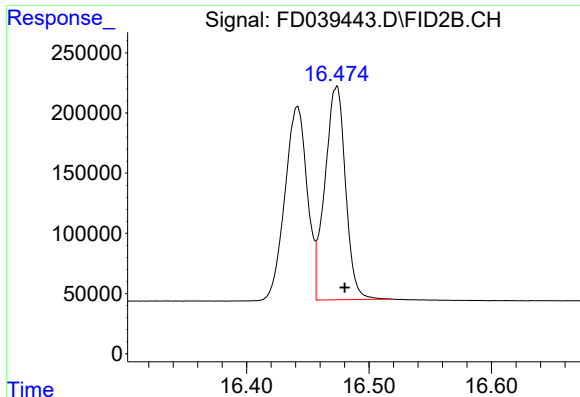
#15 Chrysene (C27.41)

R.T.: 14.930 min
Delta R.T.: -0.008 min
Response: 2072384
Conc: 16.48 ug/ml



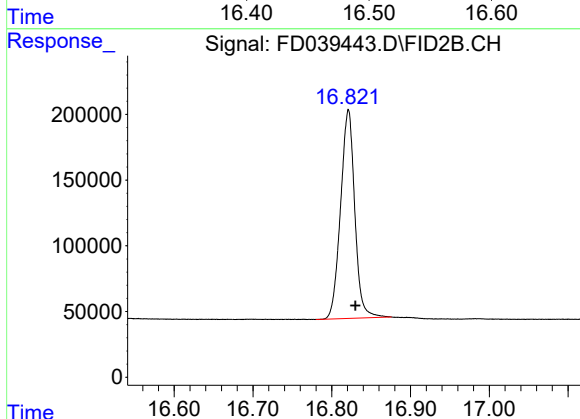
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.442 min
Delta R.T.: -0.007 min
Response: 2038947
Conc: 17.38 ug/ml



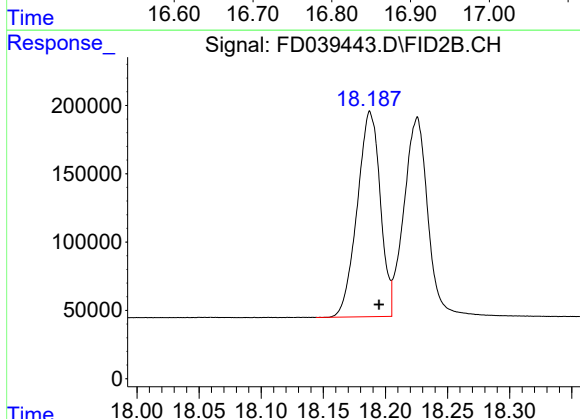
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.473 min
Delta R.T.: -0.007 min
Response: 2076277
Conc: 17.64 ug/ml



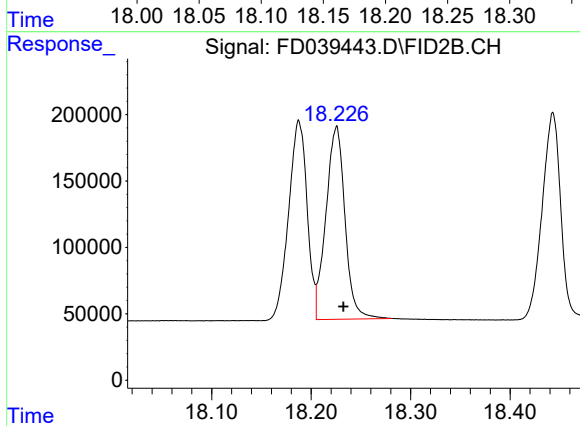
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.821 min
Delta R.T.: -0.009 min
Response: 1988300
Conc: 17.47 ug/ml



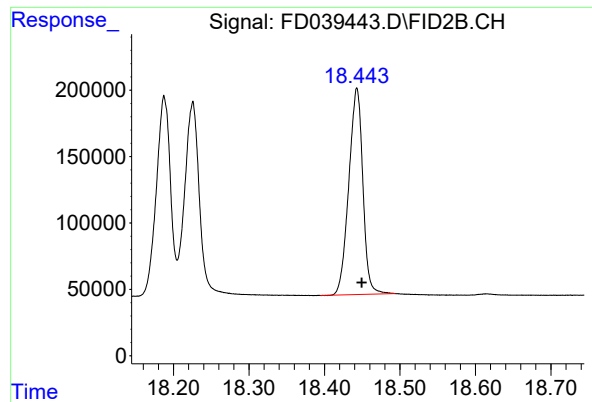
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min
Delta R.T.: -0.007 min
Response: 1940609
Conc: 18.13 ug/ml



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

R.T.: 18.226 min
Delta R.T.: -0.007 min
Response: 1933055
Conc: 18.13 ug/ml



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

R.T.: 18.443 min
Delta R.T.: -0.007 min
Response: 2007661
Conc: 19.02 ug/ml