

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025974.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 10:26
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:02:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.422	1467113	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
6) S 2-Fluorobiphenyl (SURR)	8.273	1065653	19.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.68%
11) S ortho-Terphenyl (SURR)	11.320	1718444	19.979 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	1574633	18.590 ug/ml
2) T Naphthalene (C11.7)	5.757	1702100	18.584 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	1677101	18.784 ug/ml
5) T Acenaphthylene (C15.06)	8.078	1668155	19.169 ug/ml
7) T Acenaphthene (C15.5)	8.374	1749607	19.254 ug/ml
8) T Flouorene (C16.55)	9.152	1761894	19.609 ug/ml
9) T Phenanthrene (C19.36)	10.543	1848981	19.855 ug/ml
10) T Anthracene (C19.43)	10.617	1805555	19.718 ug/ml
12) T Fluoranthene (C21.85)	12.350	1945413	19.849 ug/ml
13) T Pyrene (C20.8)	12.644	1967909	19.762 ug/ml
14) T Benzo[a]anthracene (C...	14.514	1879211	19.443 ug/ml
15) T Chrysene (C27.41)	14.555	1918251	19.725 ug/ml
16) T benzo[b]fluoranthene ...	16.059	1941739	19.764 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	1960519	20.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	1894754	19.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	1633544	17.231 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	1506489	16.270 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	1782330	18.526 ug/ml

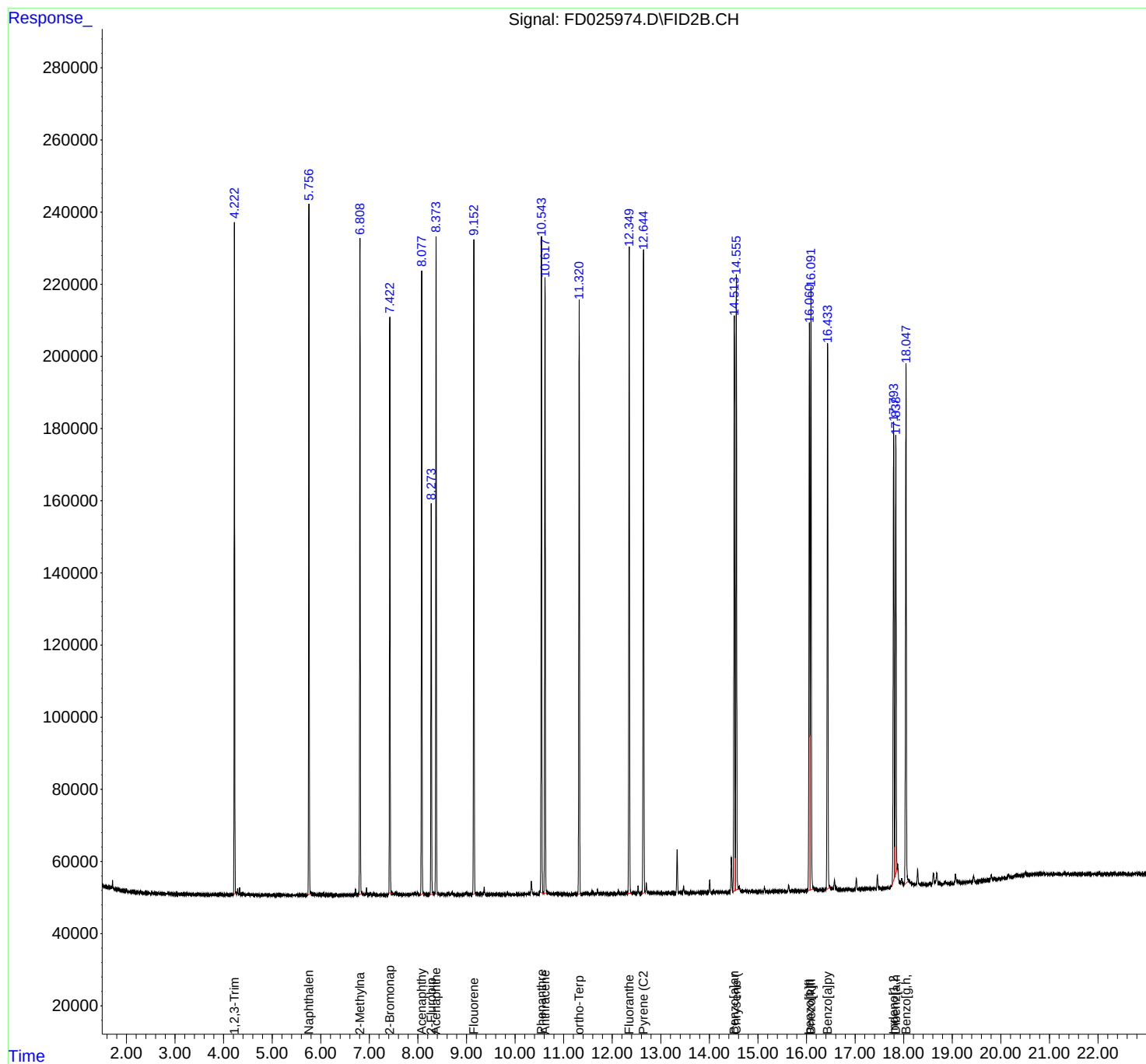
(f)=RT Delta > 1/2 Window

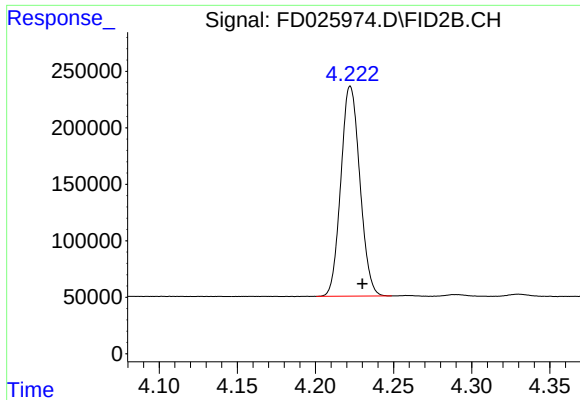
(m)=manual int.

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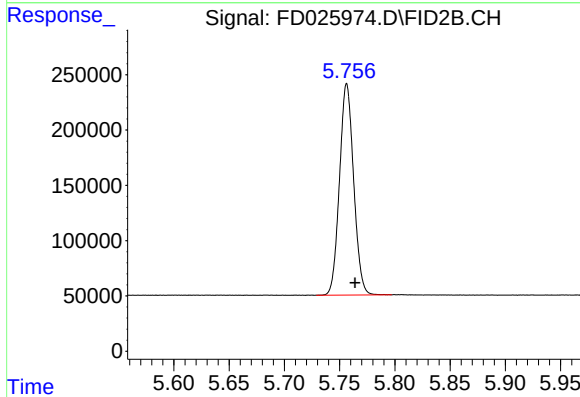
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Signal Info : 20M x 0.18mm x 0.18µm





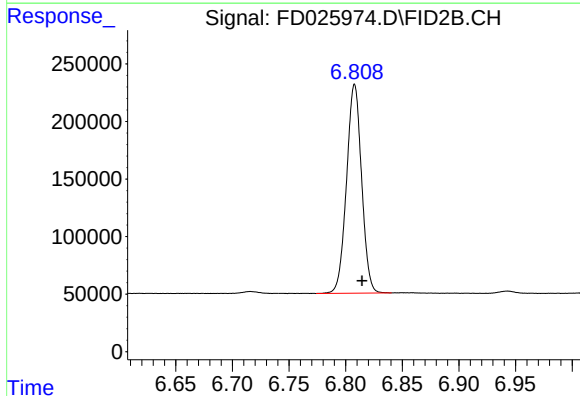
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.008 min
Response: 1574633
Conc: 18.59 ug/ml



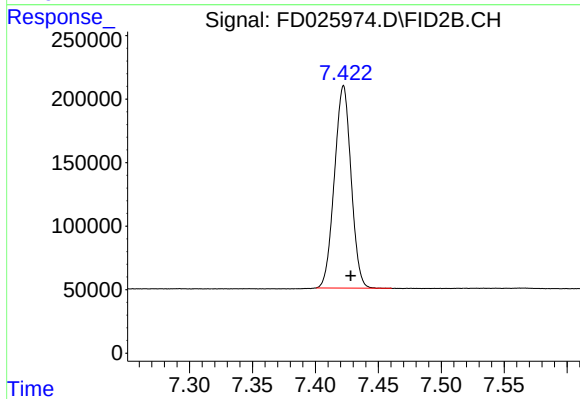
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.007 min
Response: 1702100
Conc: 18.58 ug/ml



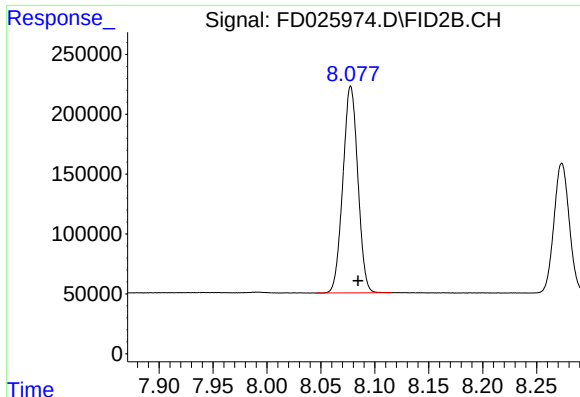
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.007 min
Response: 1677101
Conc: 18.78 ug/ml



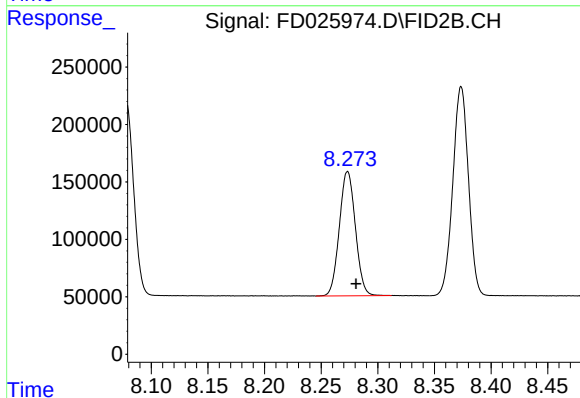
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 1467113
Conc: 18.79 ug/ml



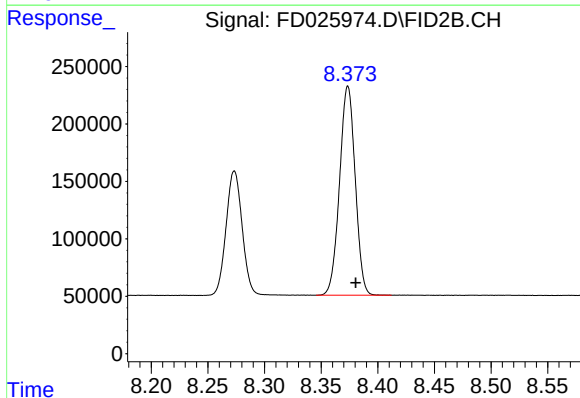
#5 Acenaphthylene (C15.06)

R.T.: 8.078 min
Delta R.T.: -0.007 min
Response: 1668155
Conc: 19.17 ug/ml



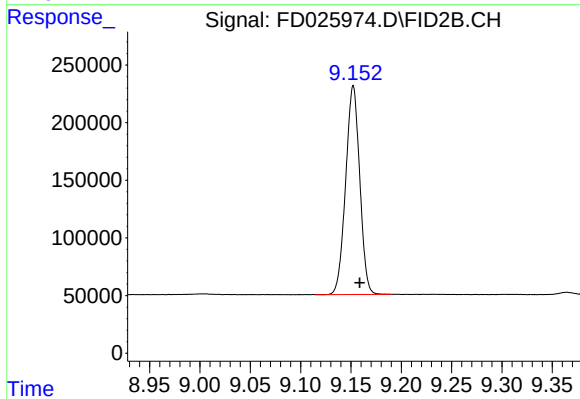
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.273 min
Delta R.T.: -0.008 min
Response: 1065653
Conc: 19.34 ug/ml



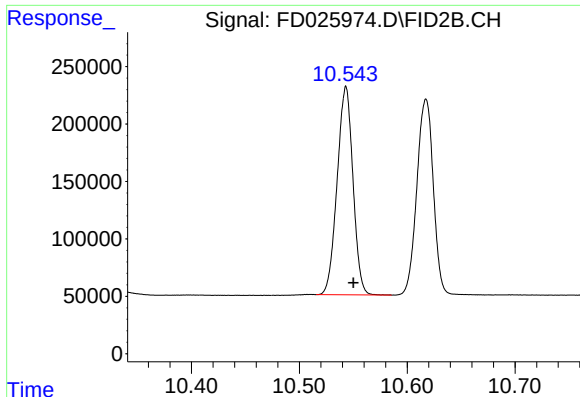
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.007 min
Response: 1749607
Conc: 19.25 ug/ml



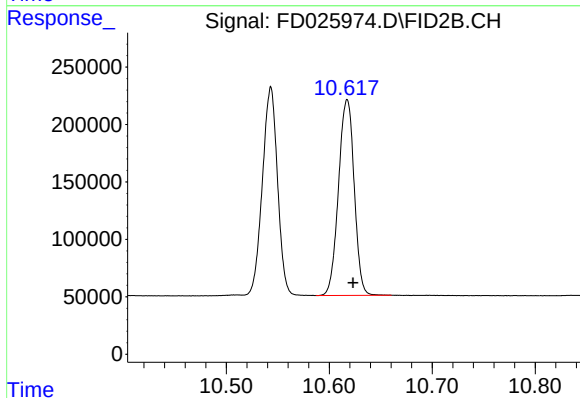
#8 Fluorene (C16.55)

R.T.: 9.152 min
Delta R.T.: -0.007 min
Response: 1761894
Conc: 19.61 ug/ml



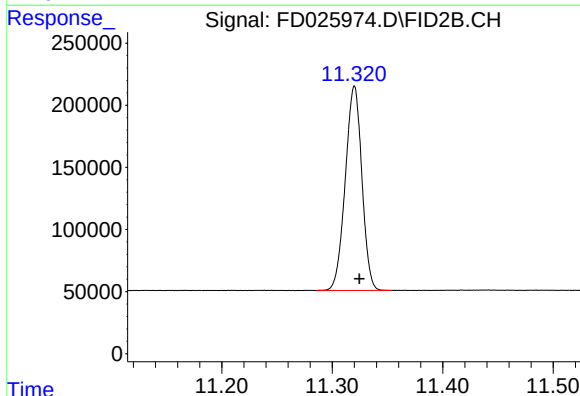
#9 Phenanthrene (C19.36)

R.T.: 10.543 min
Delta R.T.: -0.007 min
Response: 1848981
Conc: 19.86 ug/ml



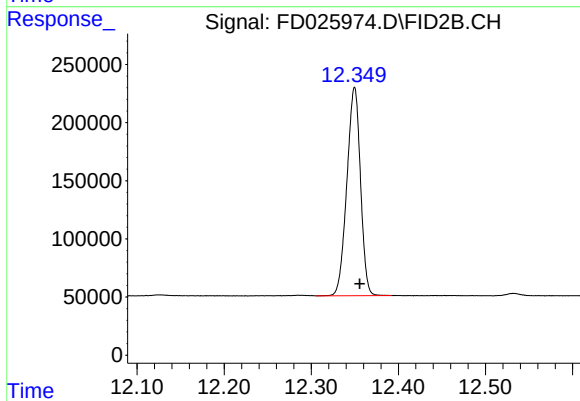
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.006 min
Response: 1805555
Conc: 19.72 ug/ml



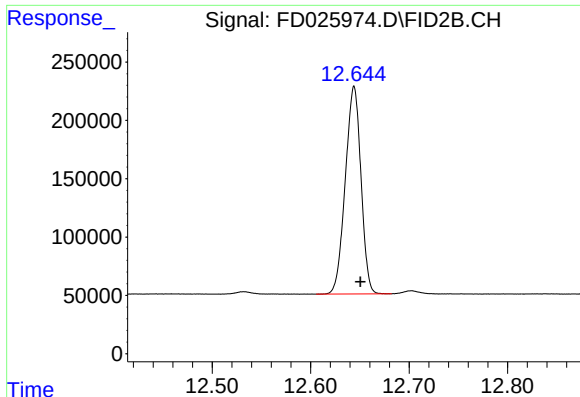
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.005 min
Response: 1718444
Conc: 19.98 ug/ml



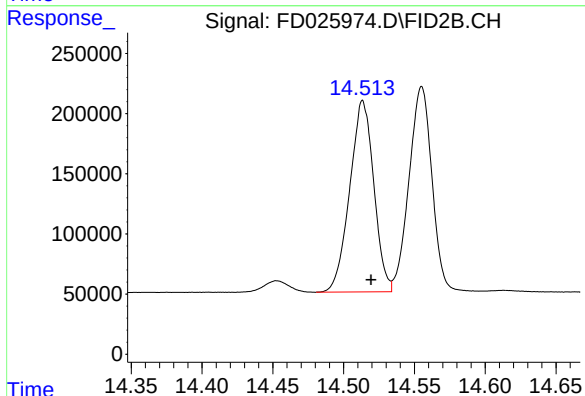
#12 Fluoranthene (C21.85)

R.T.: 12.350 min
Delta R.T.: -0.006 min
Response: 1945413
Conc: 19.85 ug/ml



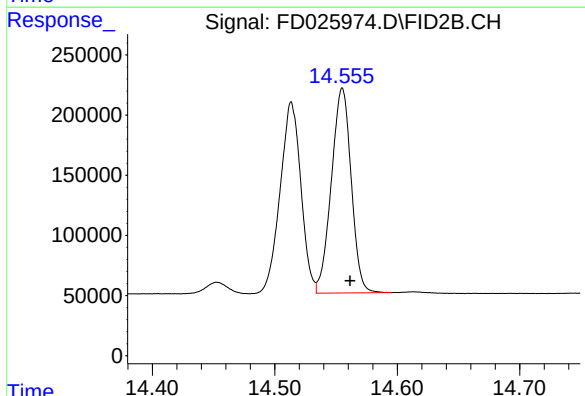
#13 Pyrene (C20.8)

R.T.: 12.644 min
Delta R.T.: -0.006 min
Response: 1967909
Conc: 19.76 ug/ml



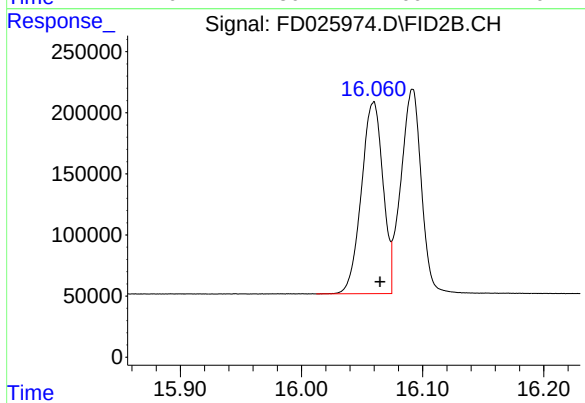
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.006 min
Response: 1879211
Conc: 19.44 ug/ml



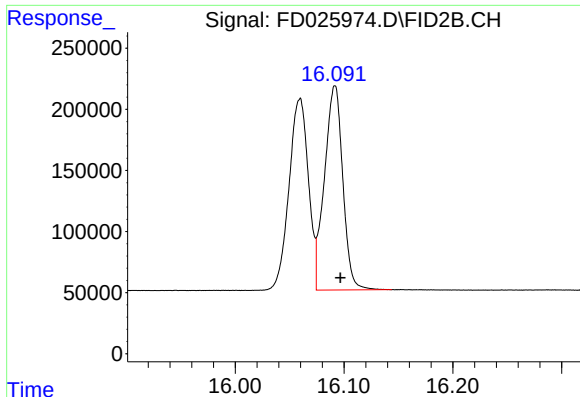
#15 Chrysene (C27.41)

R.T.: 14.555 min
Delta R.T.: -0.006 min
Response: 1918251
Conc: 19.72 ug/ml



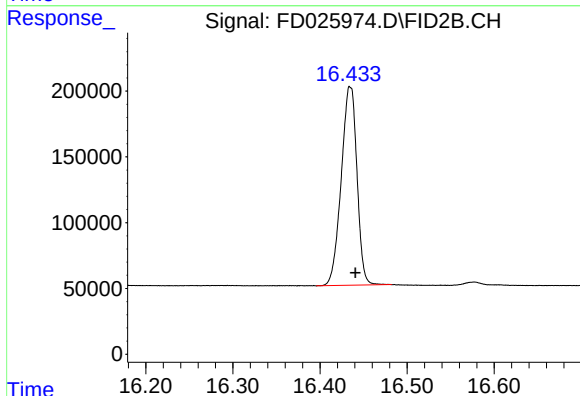
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.059 min
Delta R.T.: -0.005 min
Response: 1941739
Conc: 19.76 ug/ml



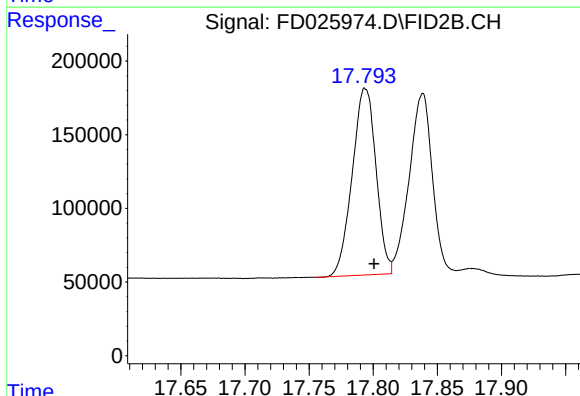
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.092 min
Delta R.T.: -0.005 min
Response: 1960519
Conc: 20.11 ug/ml



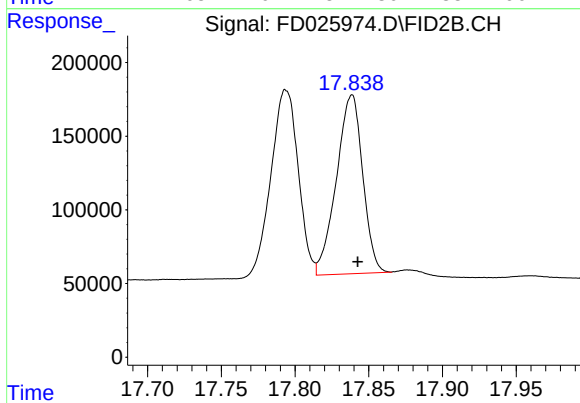
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.435 min
Delta R.T.: -0.006 min
Response: 1894754
Conc: 19.40 ug/ml



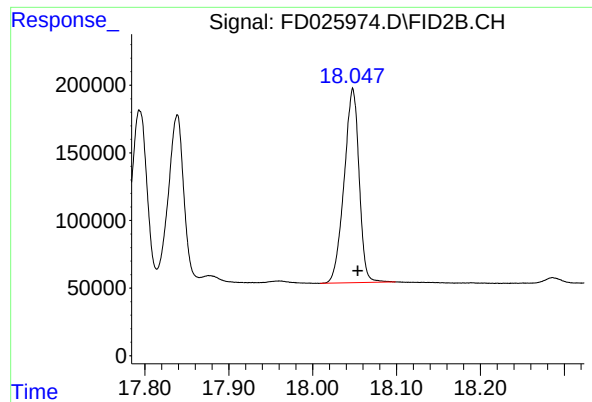
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.007 min
Response: 1633544
Conc: 17.23 ug/ml



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

R.T.: 17.839 min
Delta R.T.: -0.004 min
Response: 1506489
Conc: 16.27 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.006 min
Response: 1782330
Conc: 18.53 ug/ml