

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101018AR\
 Data File : FD025949.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2018 3:44
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 08:18:03 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...	7.421	1600849	20.506 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
6) S 2-Fluorobiphenyl (SURR)	8.273	1157471	21.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.01%
11) S ortho-Terphenyl (SURR)	11.319	1885117	21.917 ug/ml
Spiked Amount 50.000		Recovery =	43.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	1678728	19.819 ug/ml
2) T Naphthalene (C11.7)	5.756	1842210	20.114 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	1827466	20.468 ug/ml
5) T Acenaphthylene (C15.06)	8.077	1807737	20.773 ug/ml
7) T Acenaphthene (C15.5)	8.373	1890609	20.806 ug/ml
8) T Fluorene (C16.55)	9.152	1903598	21.186 ug/ml
9) T Phenanthrene (C19.36)	10.542	1971219	21.168 ug/ml
10) T Anthracene (C19.43)	10.617	1939762	21.184 ug/ml
12) T Fluoranthene (C21.85)	12.349	2100679	21.433 ug/ml
13) T Pyrene (C20.8)	12.644	2121656	21.306 ug/ml
14) T Benzo[a]anthracene (C...	14.514	2098058	21.707 ug/ml
15) T Chrysene (C27.41)	14.556	2123203	21.832 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2162818	22.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.093	2183582	22.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	2125968	21.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	1988163	20.972 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	1926980	20.811 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	2080673	21.627 ug/ml

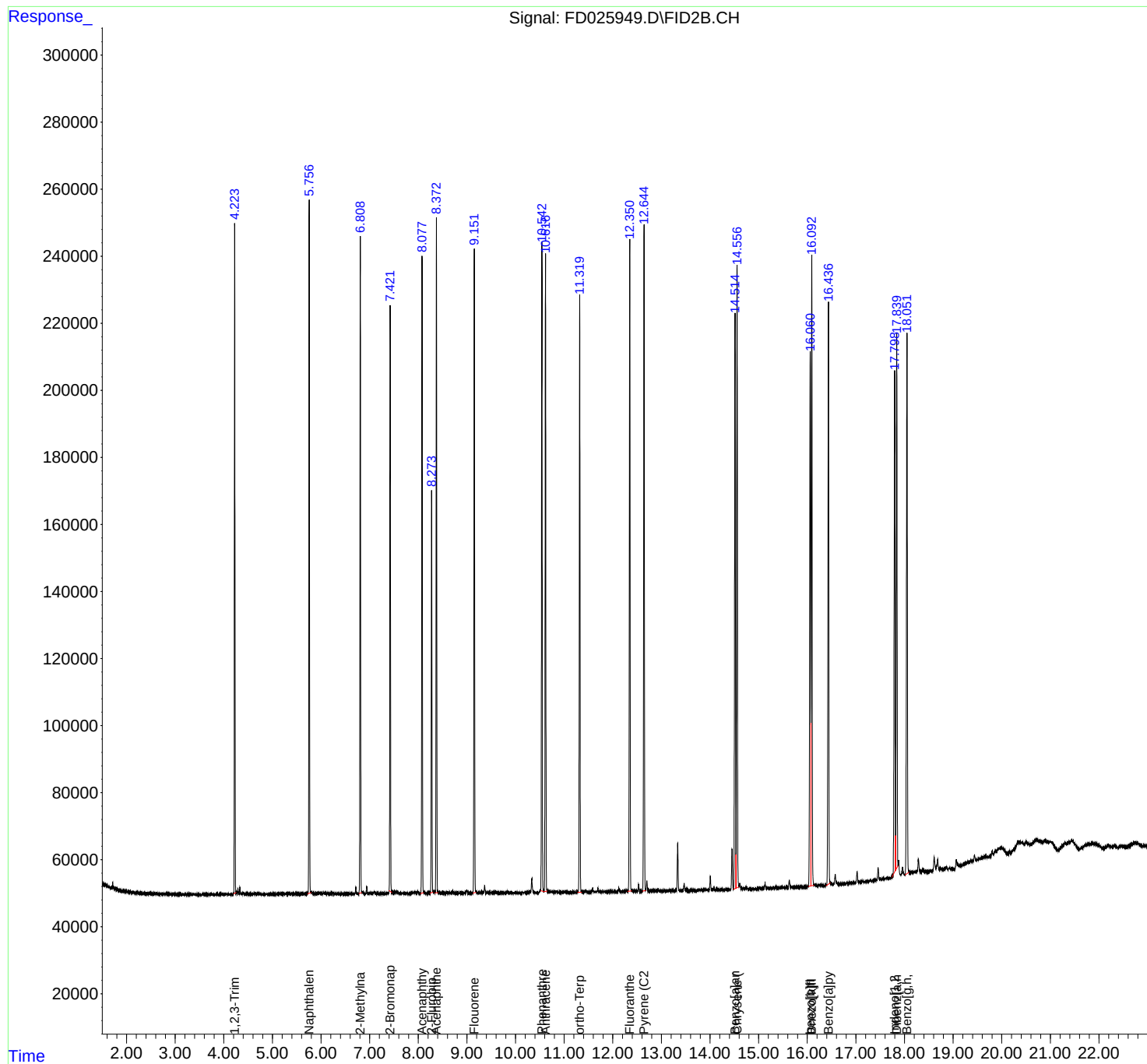
(f)=RT Delta > 1/2 Window

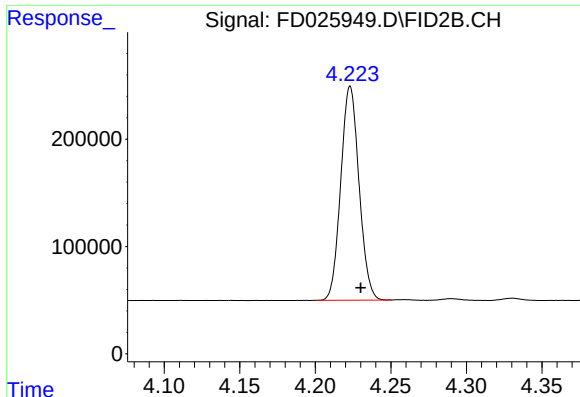
(m)=manual int.

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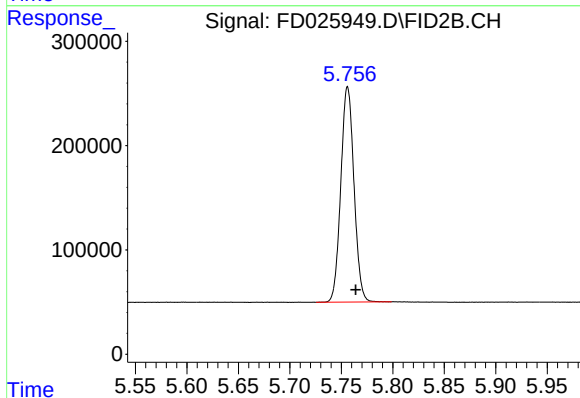
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





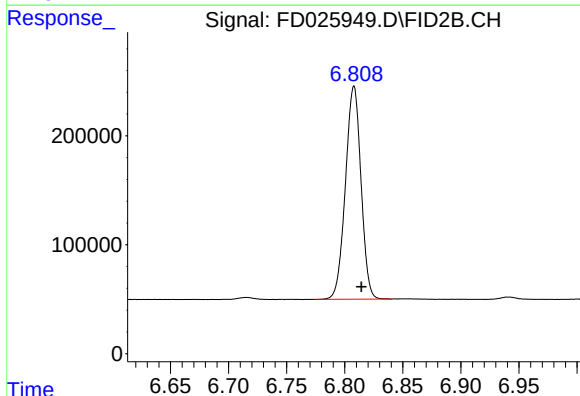
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.007 min
Response: 1678728
Conc: 19.82 ug/ml



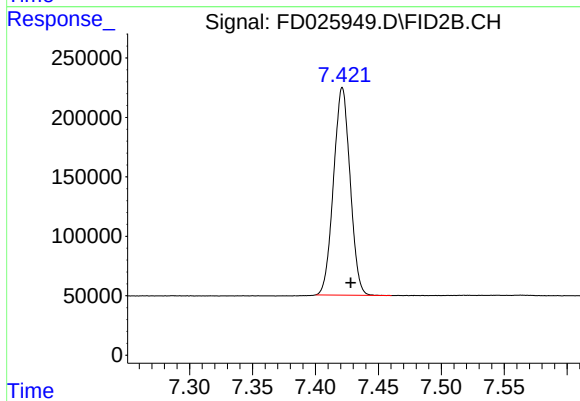
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.008 min
Response: 1842210
Conc: 20.11 ug/ml



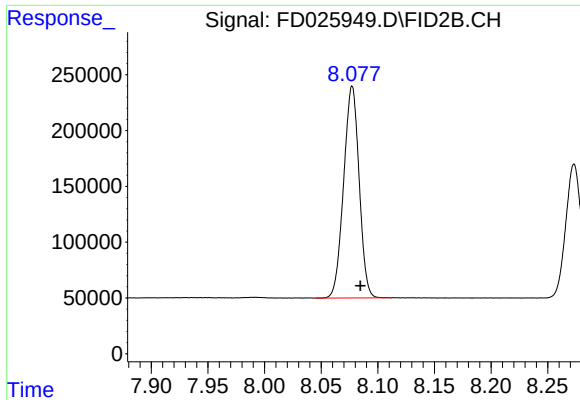
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.006 min
Response: 1827466
Conc: 20.47 ug/ml



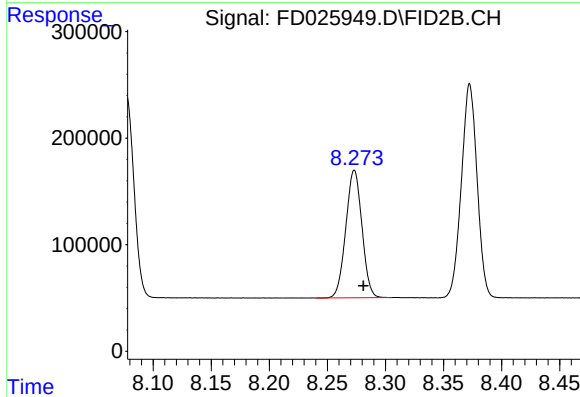
#4 2-Bromonaphthalene (SURR)

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 1600849
Conc: 20.51 ug/ml



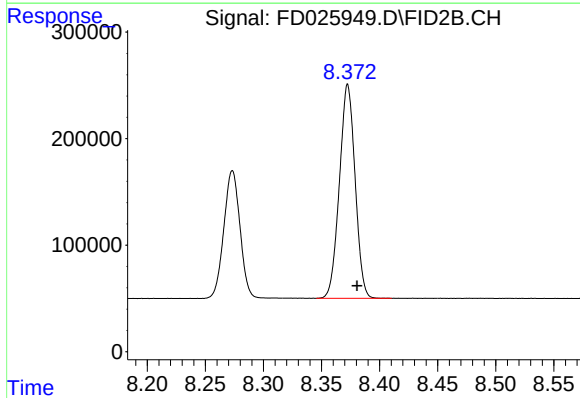
#5 Acenaphthylene (C15.06)

R.T.: 8.077 min
Delta R.T.: -0.007 min
Response: 1807737
Conc: 20.77 ug/ml



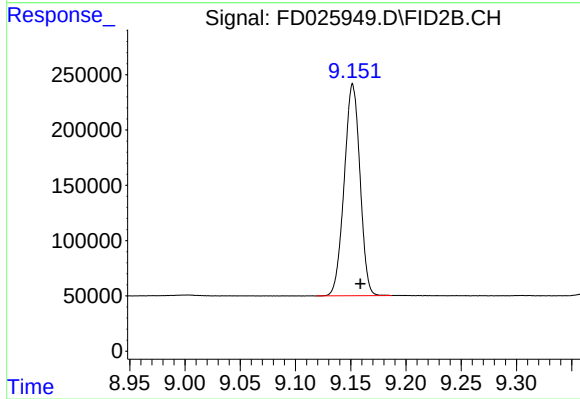
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.008 min
Response: 1157471
Conc: 21.01 ug/ml



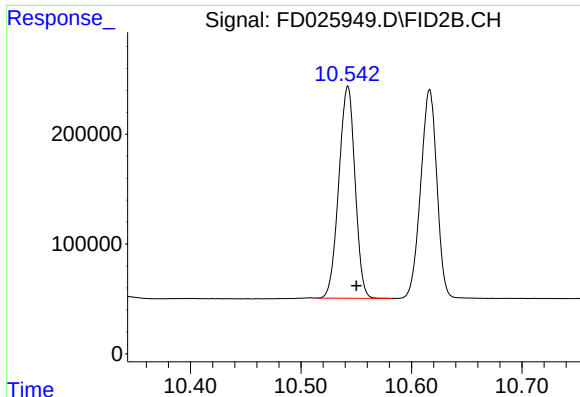
#7 Acenaphthene (C15.5)

R.T.: 8.373 min
Delta R.T.: -0.008 min
Response: 1890609
Conc: 20.81 ug/ml



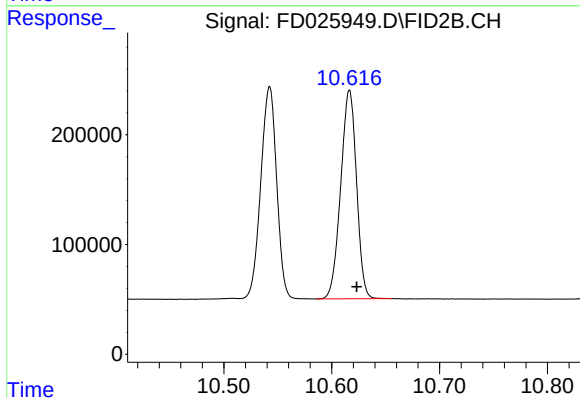
#8 Fluorene (C16.55)

R.T.: 9.152 min
Delta R.T.: -0.007 min
Response: 1903598
Conc: 21.19 ug/ml



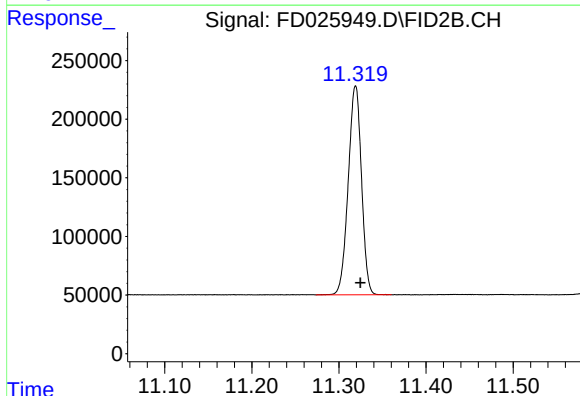
#9 Phenanthrene (C19.36)

R.T.: 10.542 min
Delta R.T.: -0.008 min
Response: 1971219
Conc: 21.17 ug/ml



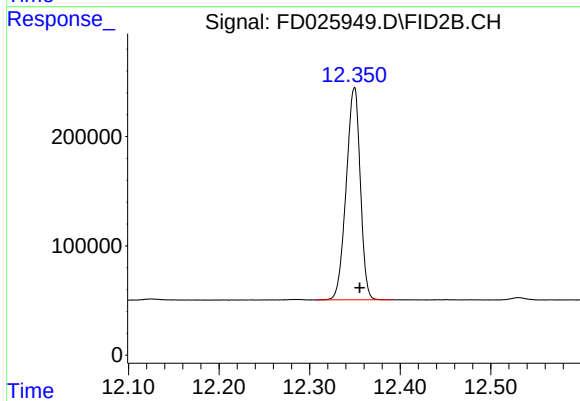
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.007 min
Response: 1939762
Conc: 21.18 ug/ml



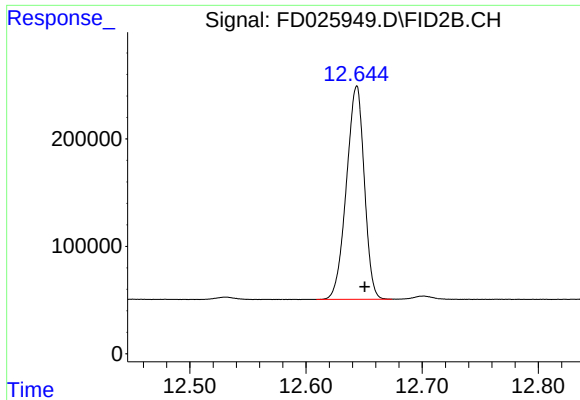
#11 ortho-Terphenyl (SURR)

R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 1885117
Conc: 21.92 ug/ml



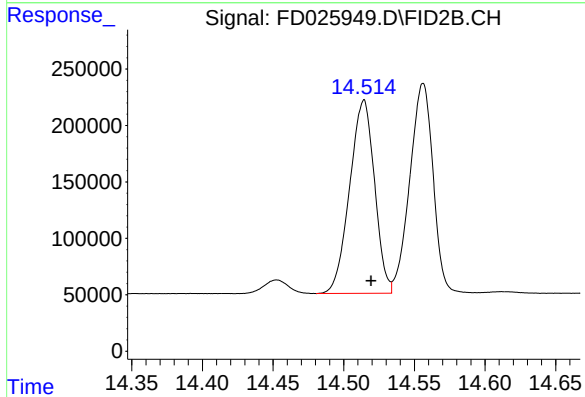
#12 Fluoranthene (C21.85)

R.T.: 12.349 min
Delta R.T.: -0.006 min
Response: 2100679
Conc: 21.43 ug/ml



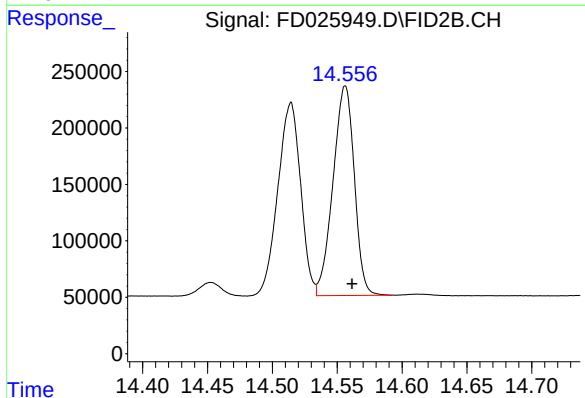
#13 Pyrene (C20.8)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 2121656
Conc: 21.31 ug/ml



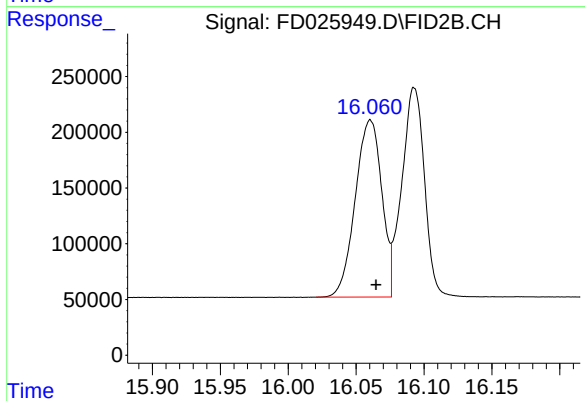
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.005 min
Response: 2098058
Conc: 21.71 ug/ml



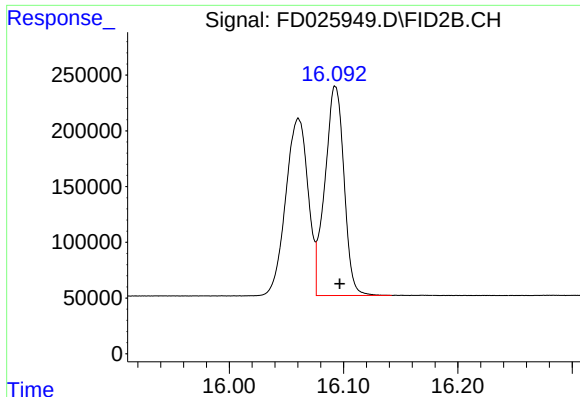
#15 Chrysene (C27.41)

R.T.: 14.556 min
Delta R.T.: -0.005 min
Response: 2123203
Conc: 21.83 ug/ml



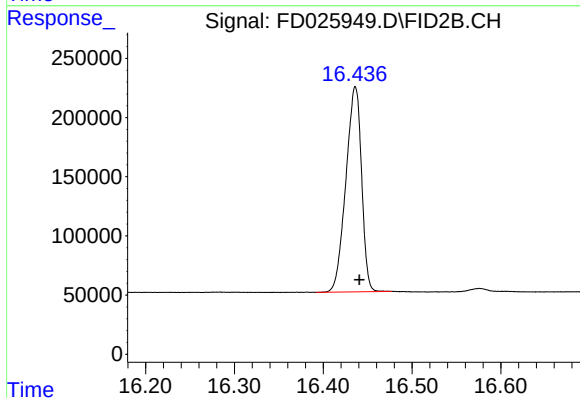
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.061 min
Delta R.T.: -0.004 min
Response: 2162818
Conc: 22.01 ug/ml



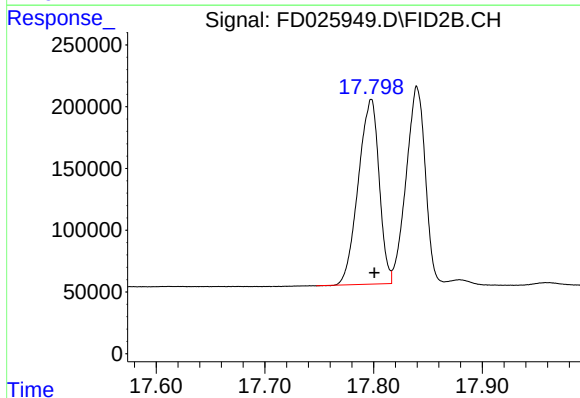
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.093 min
Delta R.T.: -0.004 min
Response: 2183582
Conc: 22.40 ug/ml



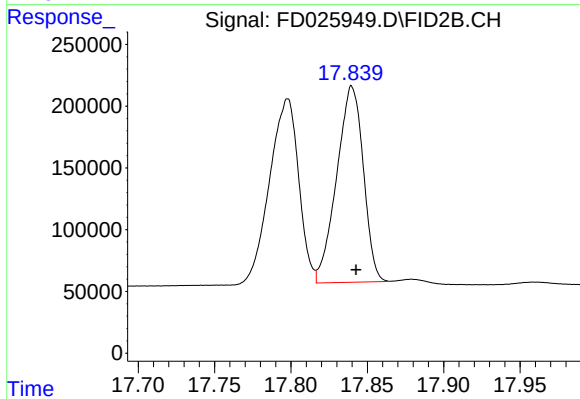
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: -0.004 min
Response: 2125968
Conc: 21.76 ug/ml



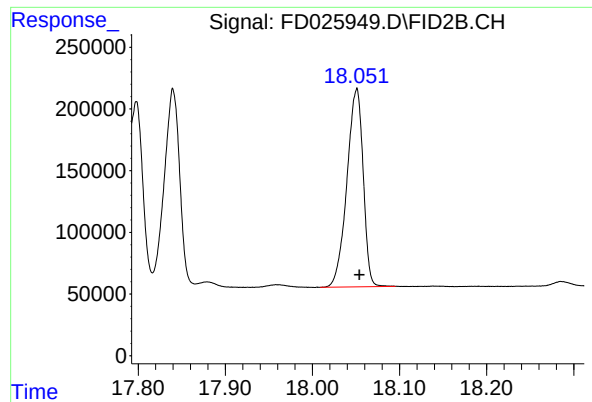
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.003 min
Response: 1988163
Conc: 20.97 ug/ml



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

R.T.: 17.840 min
Delta R.T.: -0.003 min
Response: 1926980
Conc: 20.81 ug/ml



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

R.T.: 18.051 min
Delta R.T.: -0.003 min
Response: 2080673
Conc: 21.63 ug/ml