

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060821AR\
 Data File : FD037812.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jun 2021 3:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 09 04:16:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.548	1925347	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
6) S 2-Fluorobiphenyl (SURR)	8.410	1266538	18.739 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.48%
11) S ortho-Terphenyl (SURR)	11.448	2159707	18.130 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	2080587	19.911 ug/ml
2) T Naphthalene (C11.7)	5.886	2162115	19.375 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	2158672	19.227 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2071632	18.892 ug/ml
7) T Acenaphthene (C15.5)	8.508	2133923	18.760 ug/ml
8) T Fluorene (C16.55)	9.288	2055879	18.551 ug/ml
9) T Phenanthrene (C19.36)	10.684	2044739	18.186 ug/ml
10) T Anthracene (C19.43)	10.758	1980314	18.006 ug/ml
12) T Fluoranthene (C21.85)	12.495	2053515	17.694 ug/ml
13) T Pyrene (C20.8)	12.791	2024908	17.527 ug/ml
14) T Benzo[a]anthracene (C...	14.663	1958206	17.774 ug/ml
15) T Chrysene (C27.41)	14.705	2040352	17.711 ug/ml
16) T benzo[b]fluoranthene ...	16.215	2026415	17.918 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	1974063	17.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.593	1868797	17.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.962	1924004	17.710 ug/ml
20) T Dibenz[a,h]anthracene...	17.997	1965341	17.953 ug/ml
21) T Benzo[g,h,i]perylene ...	18.215	1960199	17.936 ug/ml

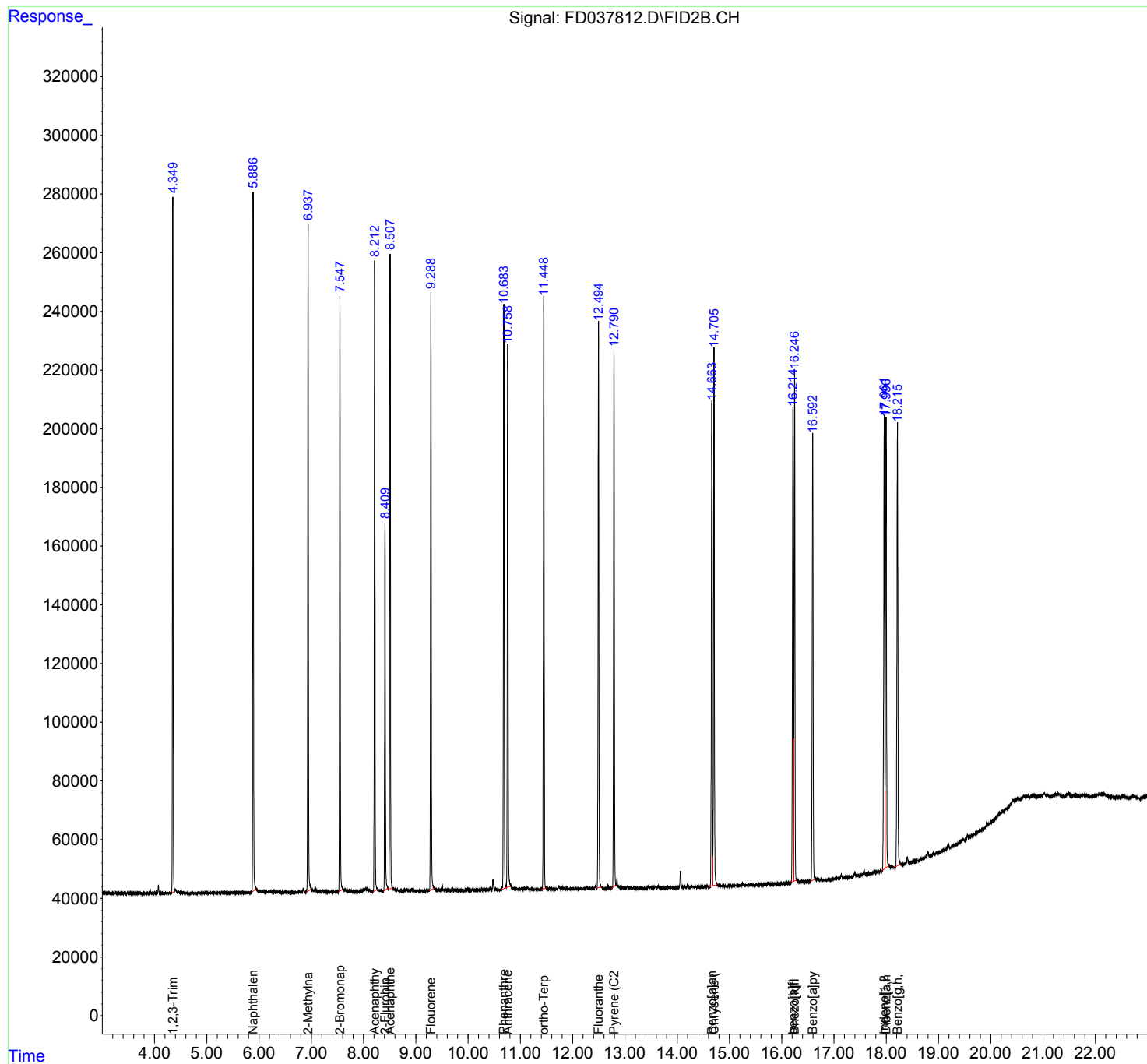
(f)=RT Delta > 1/2 Window

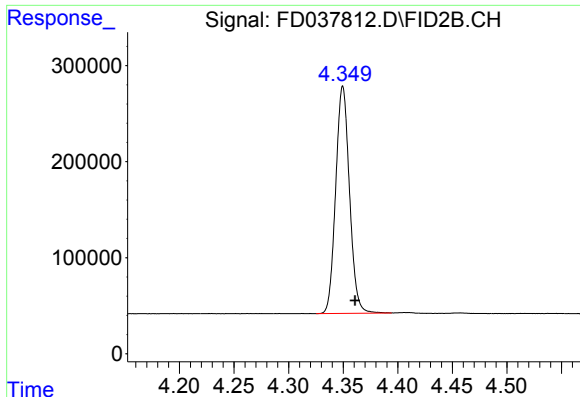
(m)=manual int.

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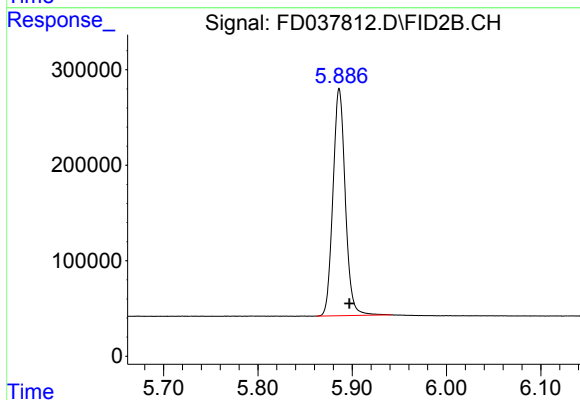
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Signal Info : 20M x 0.18mm x 0.18µm





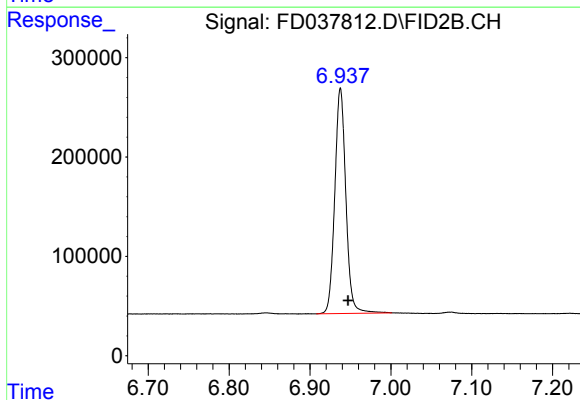
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.350 min
Delta R.T.: -0.011 min
Response: 2080587
Conc: 19.91 ug/ml



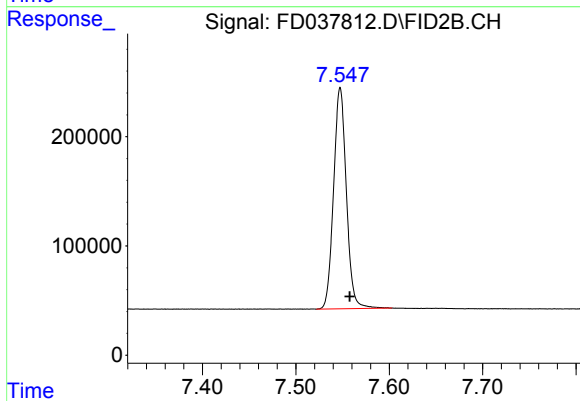
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.010 min
Response: 2162115
Conc: 19.37 ug/ml



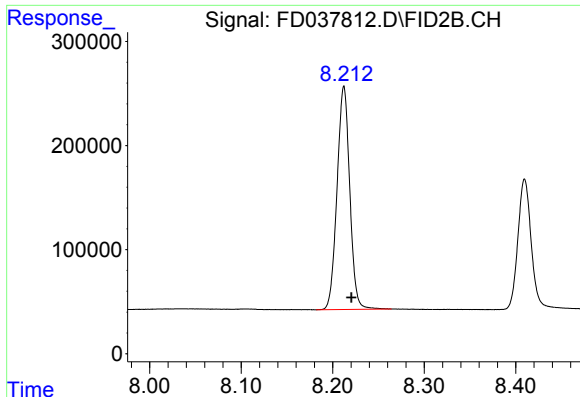
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.009 min
Response: 2158672
Conc: 19.23 ug/ml



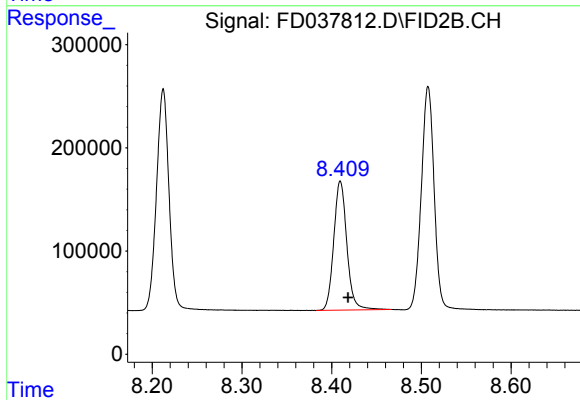
#4 2-Bromonaphthalene (SURR)

R.T.: 7.548 min
Delta R.T.: -0.010 min
Response: 1925347
Conc: 19.14 ug/ml



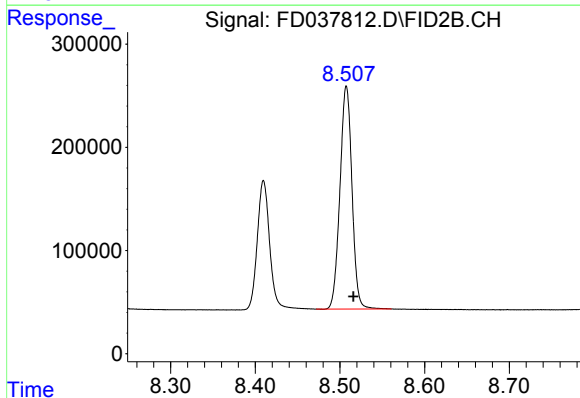
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: -0.008 min
Response: 2071632
Conc: 18.89 ug/ml



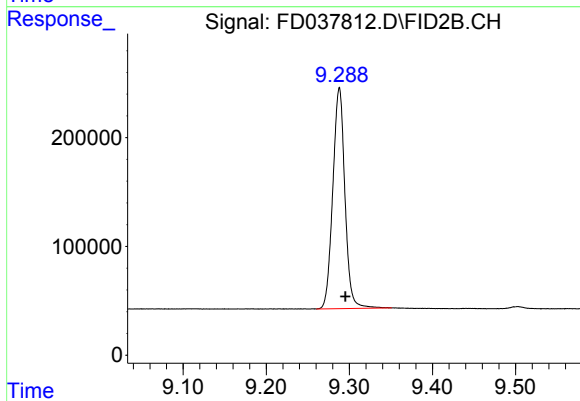
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: -0.009 min
Response: 1266538
Conc: 18.74 ug/ml



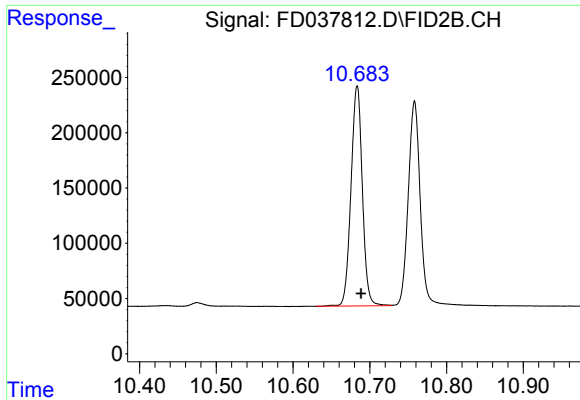
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: -0.008 min
Response: 2133923
Conc: 18.76 ug/ml



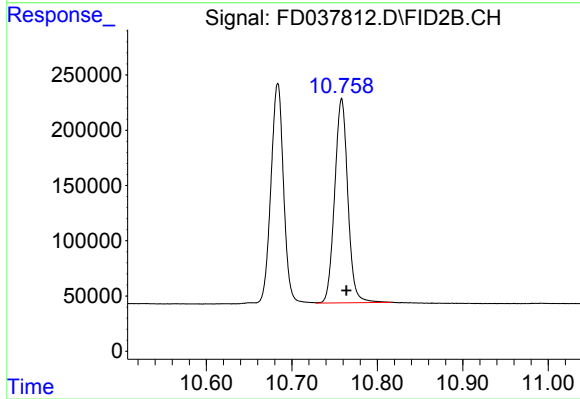
#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.007 min
Response: 2055879
Conc: 18.55 ug/ml



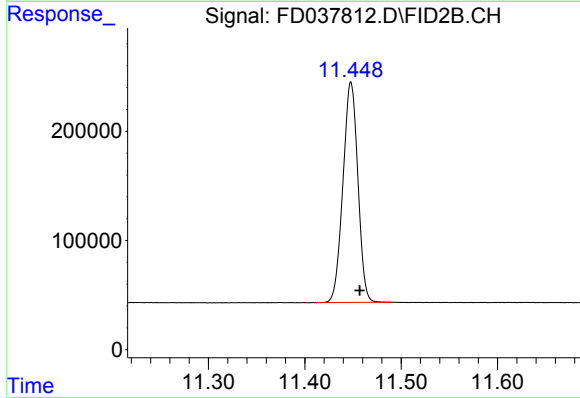
#9 Phenanthrene (C19.36)

R.T.: 10.684 min
Delta R.T.: -0.005 min
Response: 2044739
Conc: 18.19 ug/ml



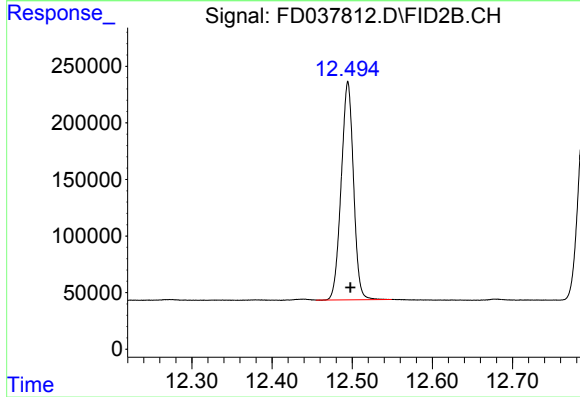
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.005 min
Response: 1980314
Conc: 18.01 ug/ml



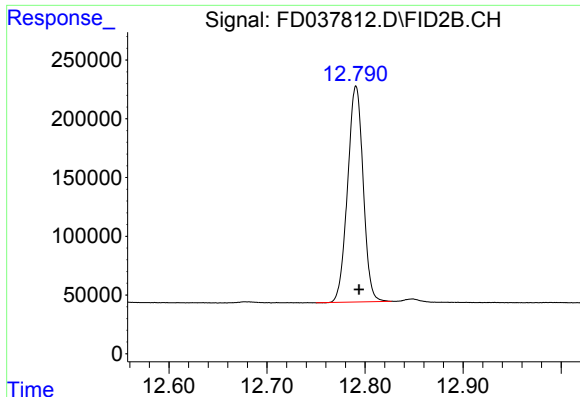
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: -0.009 min
Response: 2159707
Conc: 18.13 ug/ml



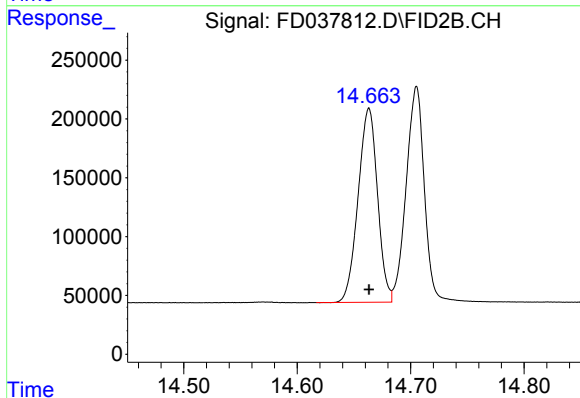
#12 Fluoranthene (C21.85)

R.T.: 12.495 min
Delta R.T.: -0.003 min
Response: 2053515
Conc: 17.69 ug/ml



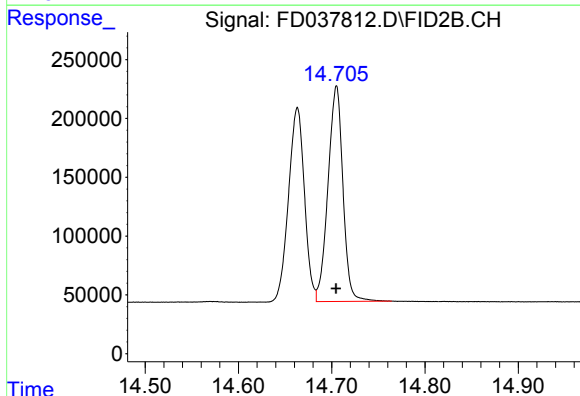
#13 Pyrene (C20.8)

R.T.: 12.791 min
Delta R.T.: -0.003 min
Response: 2024908
Conc: 17.53 ug/ml



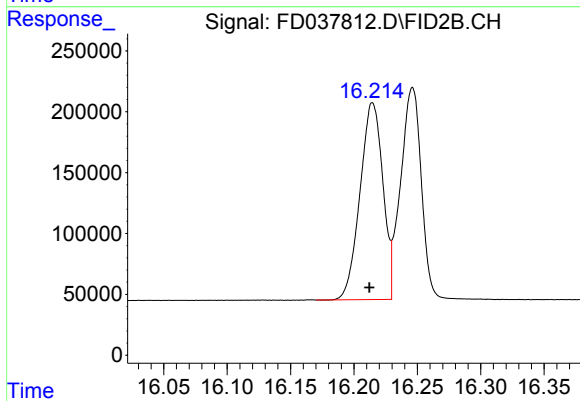
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.663 min
Delta R.T.: 0.000 min
Response: 1958206
Conc: 17.77 ug/ml



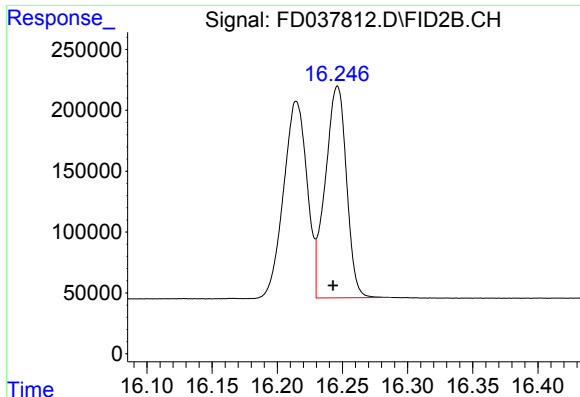
#15 Chrysene (C27.41)

R.T.: 14.705 min
Delta R.T.: 0.000 min
Response: 2040352
Conc: 17.71 ug/ml



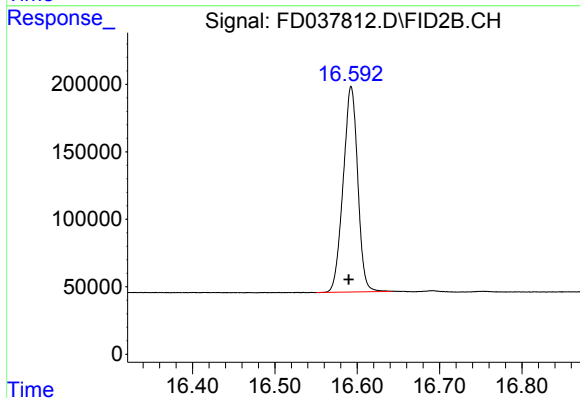
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.215 min
Delta R.T.: 0.002 min
Response: 2026415
Conc: 17.92 ug/ml



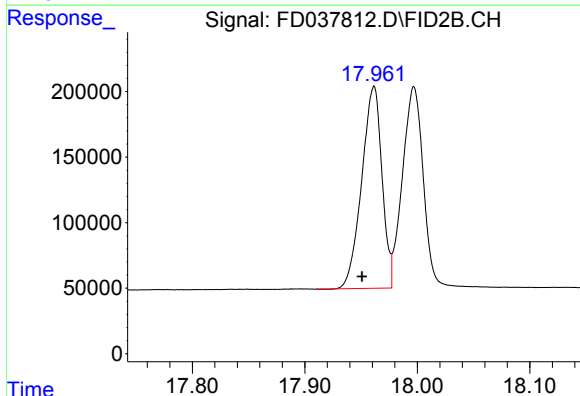
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.246 min
Delta R.T.: 0.004 min
Response: 1974063
Conc: 17.81 ug/ml



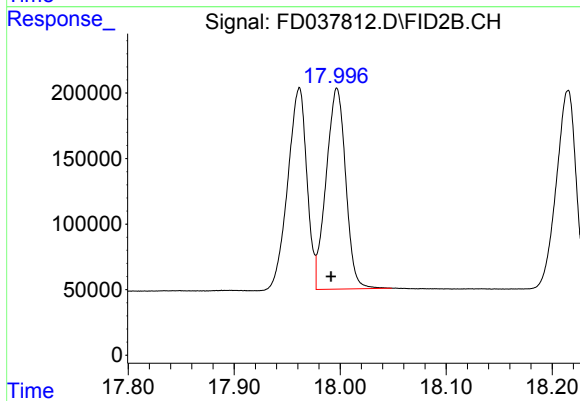
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.593 min
Delta R.T.: 0.003 min
Response: 1868797
Conc: 17.84 ug/ml



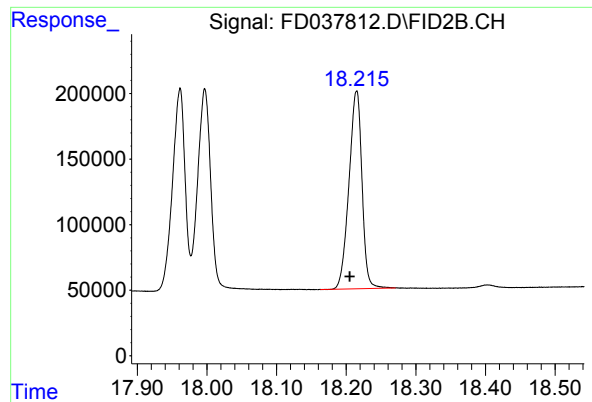
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.962 min
Delta R.T.: 0.011 min
Response: 1924004
Conc: 17.71 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.005 min
Response: 1965341
Conc: 17.95 ug/ml



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

R.T.: 18.215 min
Delta R.T.: 0.010 min
Response: 1960199
Conc: 17.94 ug/ml