

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060821AR\
 Data File : FD037821.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jun 2021 12:13
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 09 12:52:55 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...	7.546	2007595	19.961 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
6) S 2-Fluorobiphenyl (SURR)	8.407	1308405	19.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.72%
11) S ortho-Terphenyl (SURR)	11.444	2220020	18.637 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	2191179	20.969 ug/ml
2) T Naphthalene (C11.7)	5.885	2250807	20.170 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	2236171	19.917 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2144144	19.553 ug/ml
7) T Acenaphthene (C15.5)	8.505	2210503	19.433 ug/ml
8) T Fluorene (C16.55)	9.285	2110536	19.044 ug/ml
9) T Phenanthrene (C19.36)	10.679	2094995	18.633 ug/ml
10) T Anthracene (C19.43)	10.755	2013354	18.307 ug/ml
12) T Fluoranthene (C21.85)	12.490	2109849	18.180 ug/ml
13) T Pyrene (C20.8)	12.786	2083062	18.031 ug/ml
14) T Benzo[a]anthracene (C...	14.659	2028333	18.410 ug/ml
15) T Chrysene (C27.41)	14.700	2114802	18.357 ug/ml
16) T benzo[b]fluoranthene ...	16.210	2113609	18.688 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	2062368	18.602 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.589	1950837	18.625 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.957	2008998	18.492 ug/ml
20) T Dibenz[a,h]anthracene...	17.994	2065767	18.870 ug/ml
21) T Benzo[g,h,i]perylene ...	18.211	2039743	18.664 ug/ml

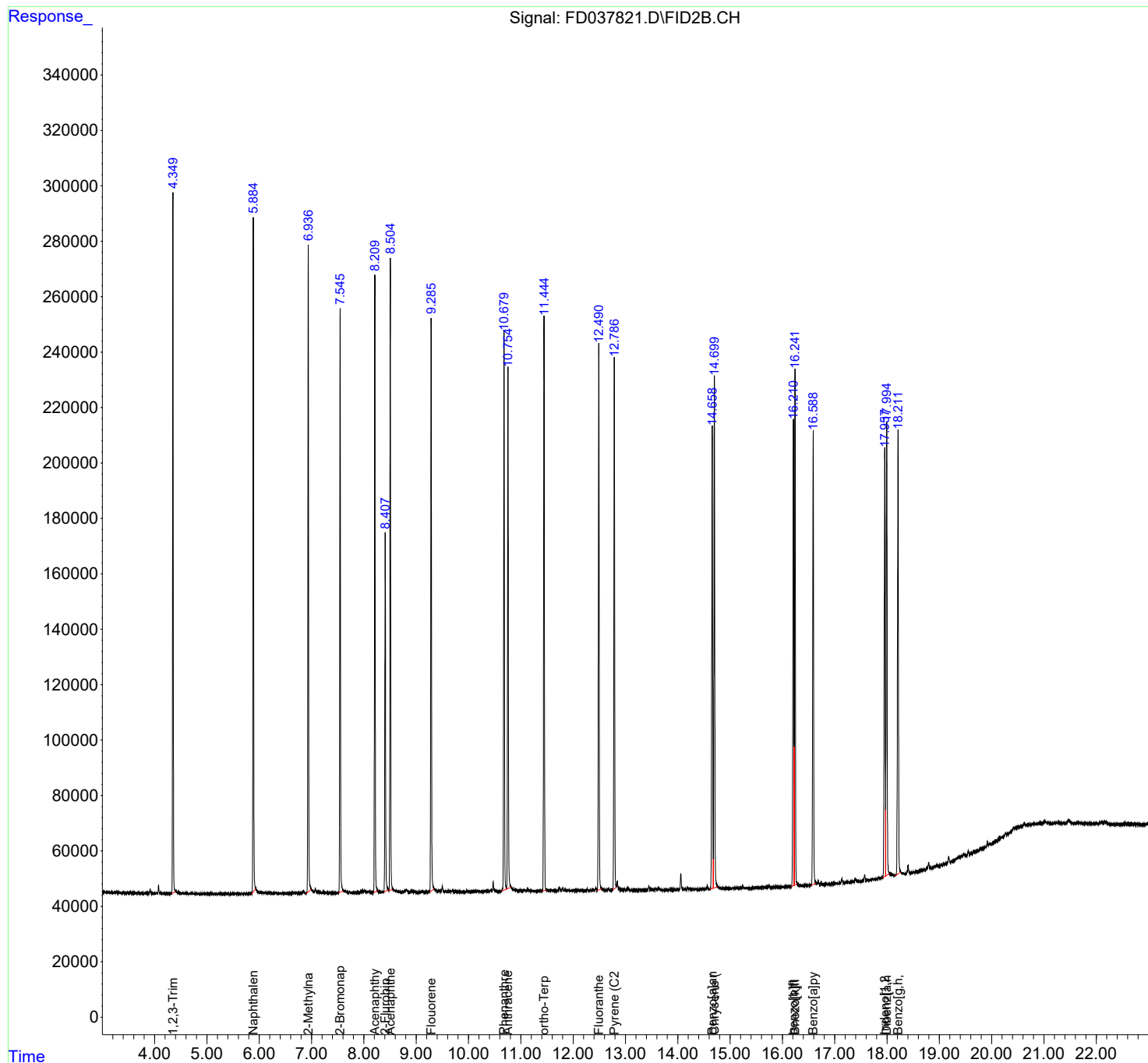
(f)=RT Delta > 1/2 Window

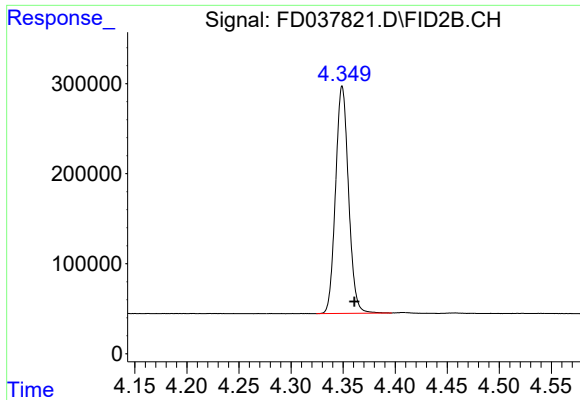
(m)=manual int.

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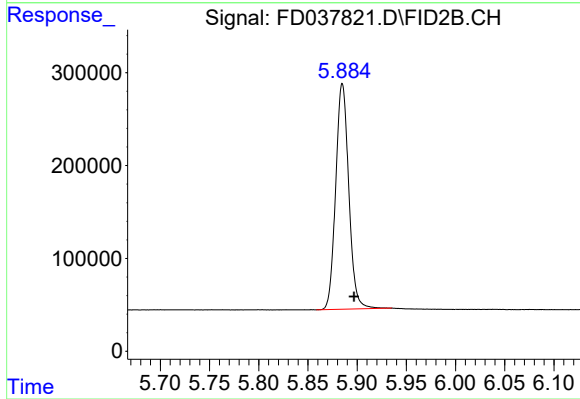
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Signal Info : 20M x 0.18mm x 0.18µm





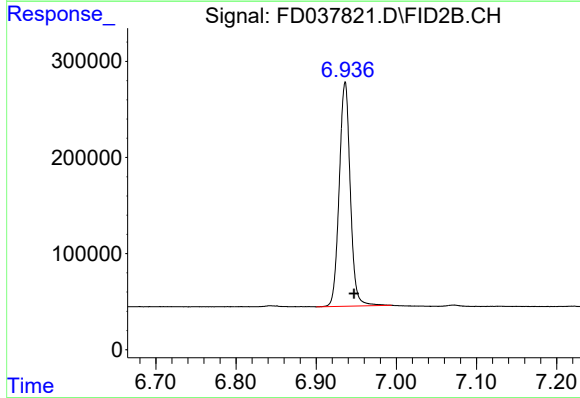
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.349 min
Delta R.T.: -0.012 min
Response: 2191179
Conc: 20.97 ug/ml



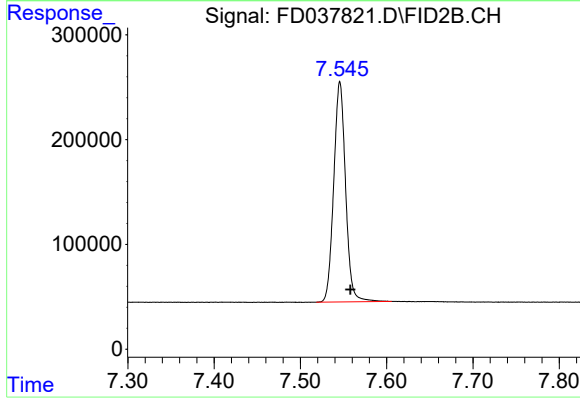
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.012 min
Response: 2250807
Conc: 20.17 ug/ml



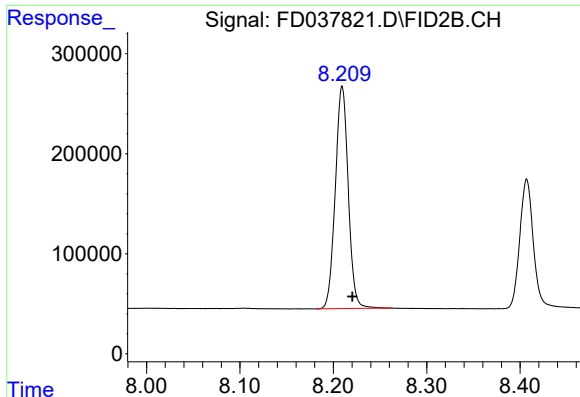
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.011 min
Response: 2236171
Conc: 19.92 ug/ml



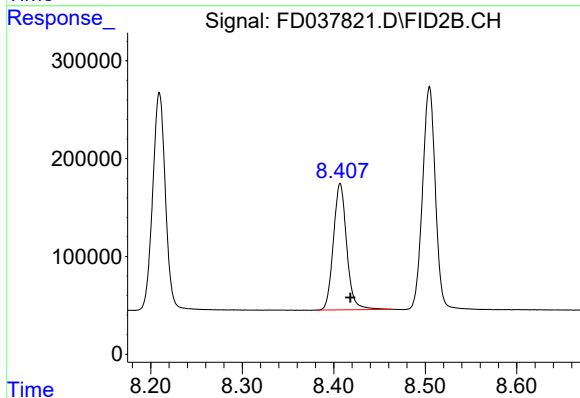
#4 2-Bromonaphthalene (SURR)

R.T.: 7.546 min
Delta R.T.: -0.012 min
Response: 2007595
Conc: 19.96 ug/ml



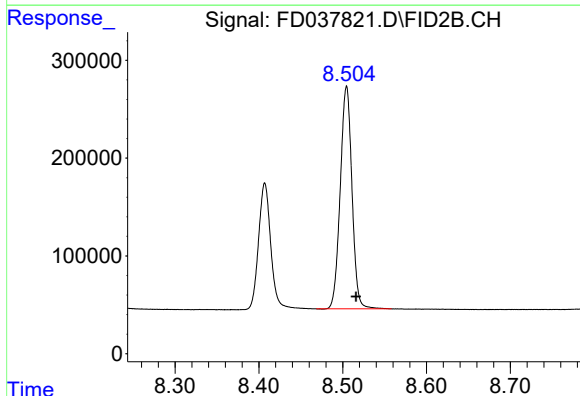
#5 Acenaphthylene (C15.06)

R.T.: 8.210 min
Delta R.T.: -0.011 min
Response: 2144144
Conc: 19.55 ug/ml



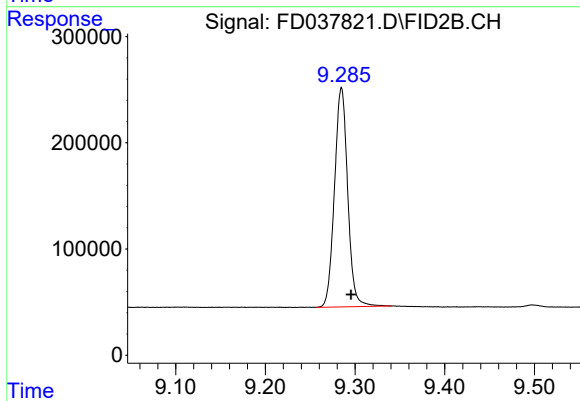
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: -0.011 min
Response: 1308405
Conc: 19.36 ug/ml



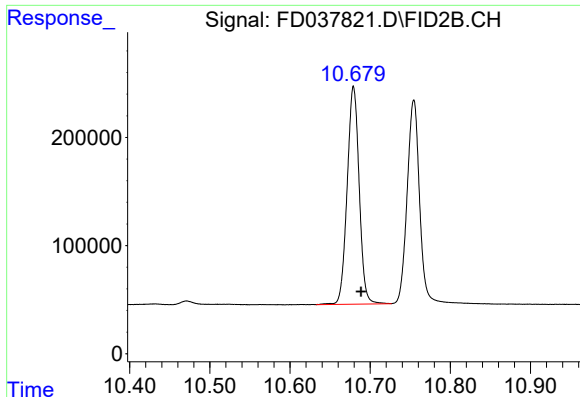
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.011 min
Response: 2210503
Conc: 19.43 ug/ml



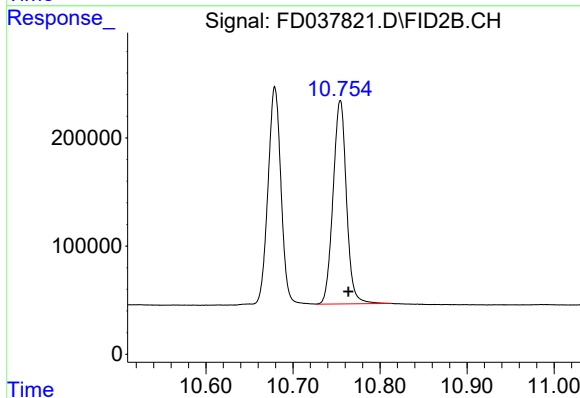
#8 Flouorene (C16.55)

R.T.: 9.285 min
Delta R.T.: -0.010 min
Response: 2110536
Conc: 19.04 ug/ml



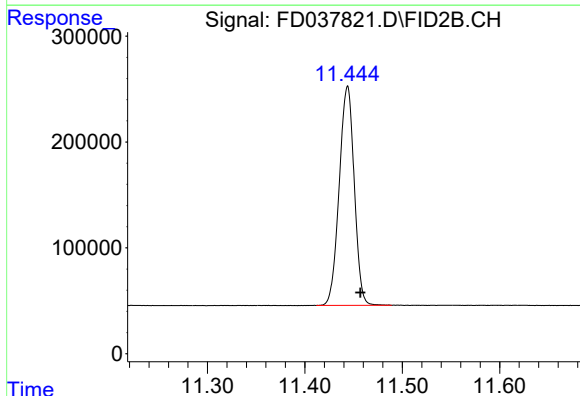
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.010 min
Response: 2094995
Conc: 18.63 ug/ml



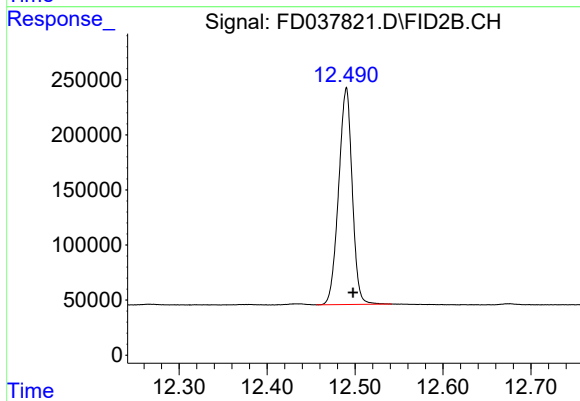
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.009 min
Response: 2013354
Conc: 18.31 ug/ml



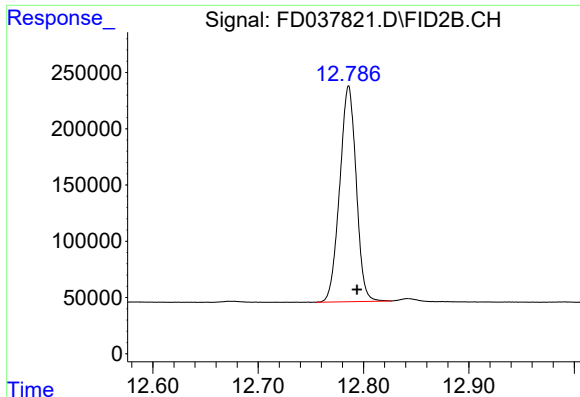
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: -0.013 min
Response: 2220020
Conc: 18.64 ug/ml



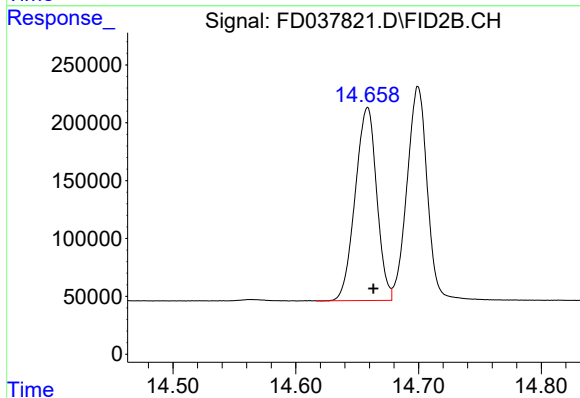
#12 Fluoranthene (C21.85)

R.T.: 12.490 min
Delta R.T.: -0.007 min
Response: 2109849
Conc: 18.18 ug/ml



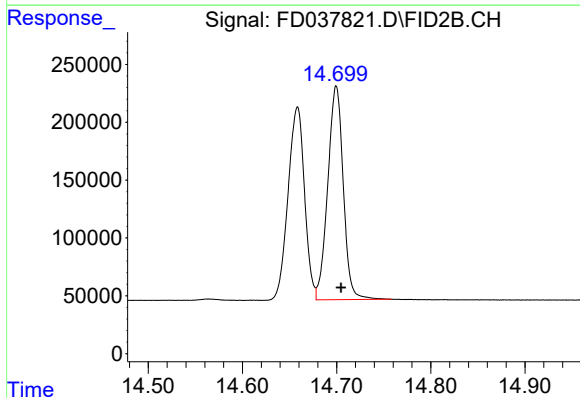
#13 Pyrene (C20.8)

R.T.: 12.786 min
Delta R.T.: -0.008 min
Response: 2083062
Conc: 18.03 ug/ml



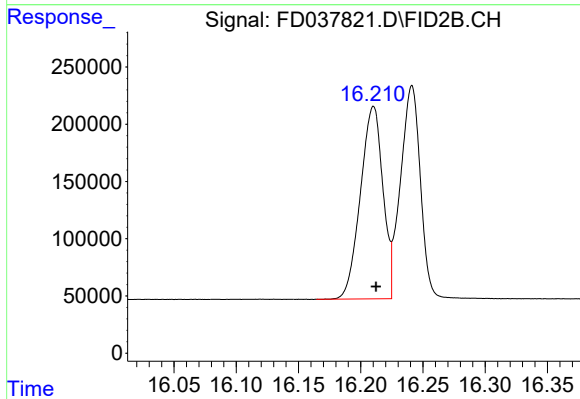
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.659 min
Delta R.T.: -0.005 min
Response: 2028333
Conc: 18.41 ug/ml



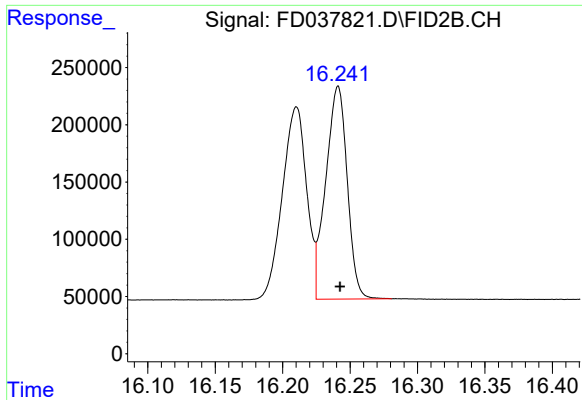
#15 Chrysene (C27.41)

R.T.: 14.700 min
Delta R.T.: -0.005 min
Response: 2114802
Conc: 18.36 ug/ml



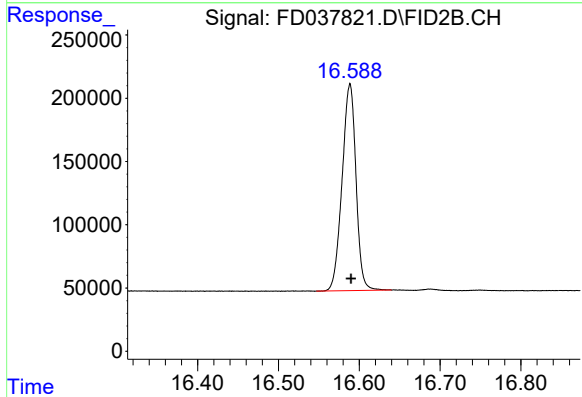
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 2113609
Conc: 18.69 ug/ml



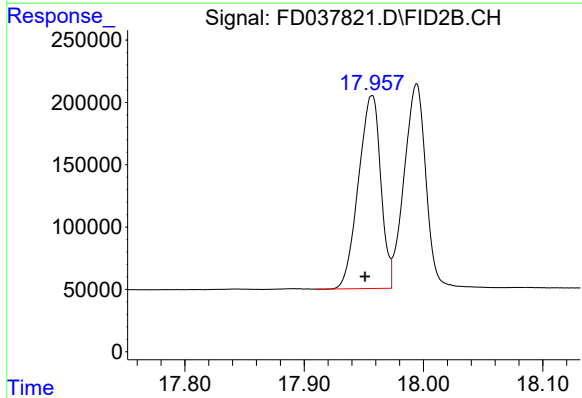
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.241 min
Delta R.T.: -0.002 min
Response: 2062368
Conc: 18.60 ug/ml



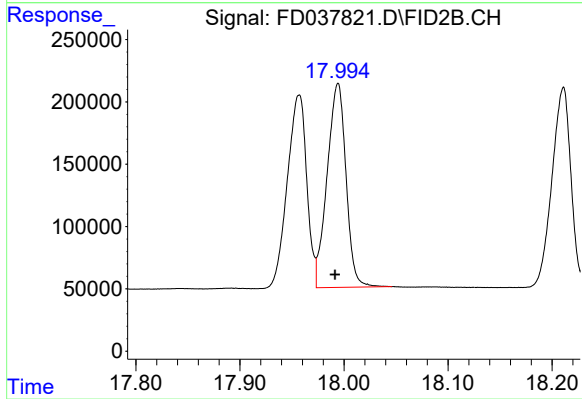
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.589 min
Delta R.T.: -0.001 min
Response: 1950837
Conc: 18.63 ug/ml



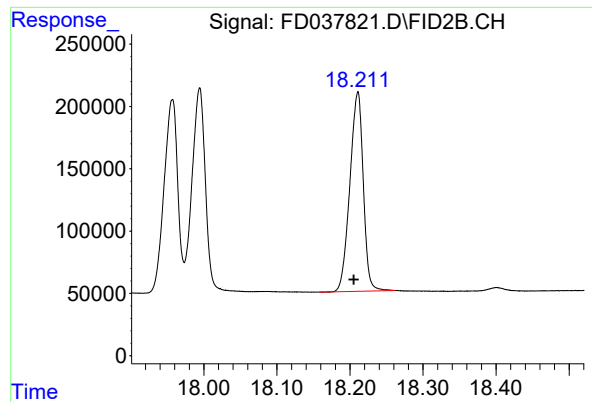
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.957 min
Delta R.T.: 0.006 min
Response: 2008998
Conc: 18.49 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.003 min
Response: 2065767
Conc: 18.87 ug/ml



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

R.T.: 18.211 min
Delta R.T.: 0.006 min
Response: 2039743
Conc: 18.66 ug/ml