

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092018AR\
 Data File : FD025636.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2018 10:01
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 20 10:28:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.430	1683145	20.879 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
6) S 2-Fluorobiphenyl (SURR)	8.282	1164270	20.503 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.01%
11) S ortho-Terphenyl (SURR)	11.326	1870917	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	1779635	22.649 ug/ml
2) T Naphthalene (C11.7)	5.765	1924650	22.005 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	1897443	21.400 ug/ml
5) T Acenaphthylene (C15.06)	8.086	1851681	20.772 ug/ml
7) T Acenaphthene (C15.5)	8.382	1929075	20.623 ug/ml
8) T Flouorene (C16.55)	9.160	1915831	20.021 ug/ml
9) T Phenanthrene (C19.36)	10.550	1941098	20.098 ug/ml
10) T Anthracene (C19.43)	10.624	1892046	19.939 ug/ml
12) T Fluoranthene (C21.85)	12.355	1978796	20.627 ug/ml
13) T Pyrene (C20.8)	12.650	1990821	20.806 ug/ml
14) T Benzo[a]anthracene (C...	14.517	2031099	22.695 ug/ml
15) T Chrysene (C27.41)	14.559	2057600	22.935 ug/ml
16) T benzo[b]fluoranthene ...	16.063	2188329	22.900 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	2210344	22.826 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.438	2189484	22.505 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	2134256	20.819 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	2102944	20.876 ug/ml
21) T Benzo[g,h,i]perylene ...	18.052	2203891	21.303 ug/ml

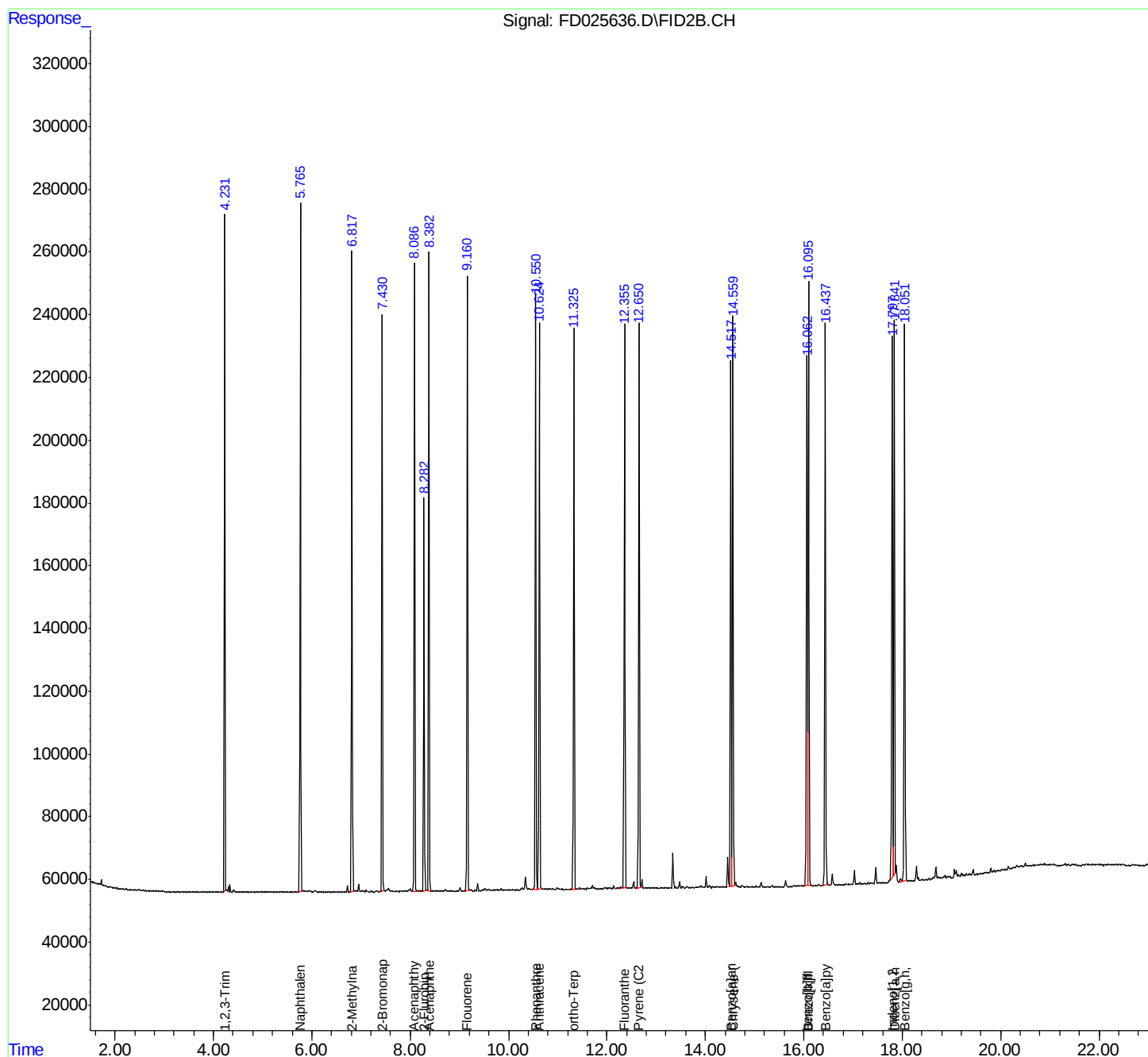
(f)=RT Delta > 1/2 Window

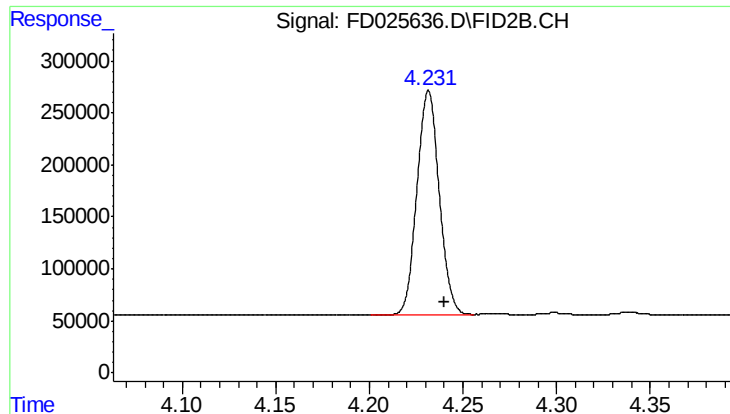
(m)=manual int.

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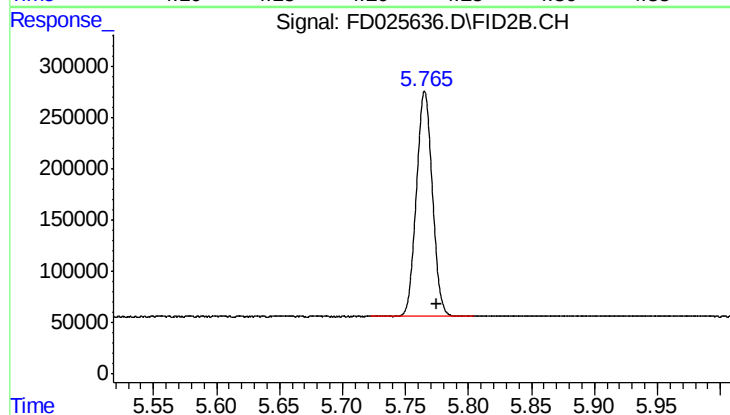
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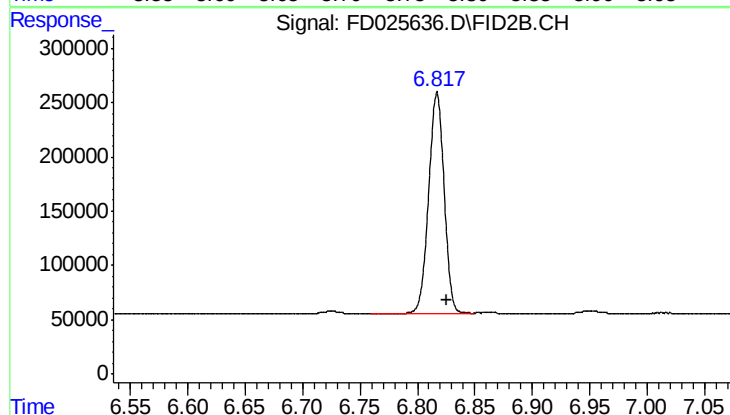
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 1779635
Conc: 22.65 ug/ml



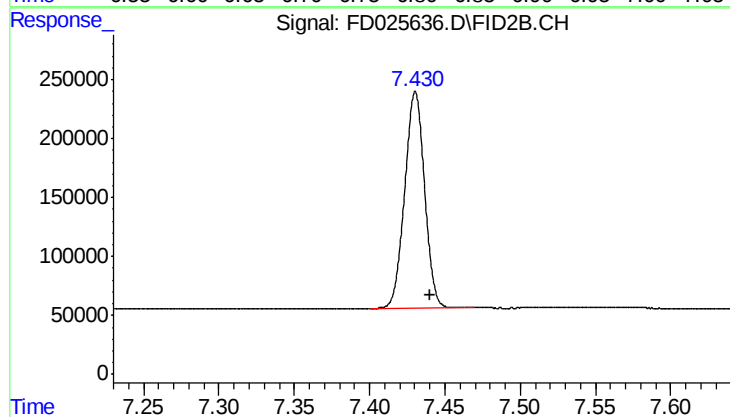
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.010 min
Response: 1924650
Conc: 22.01 ug/ml



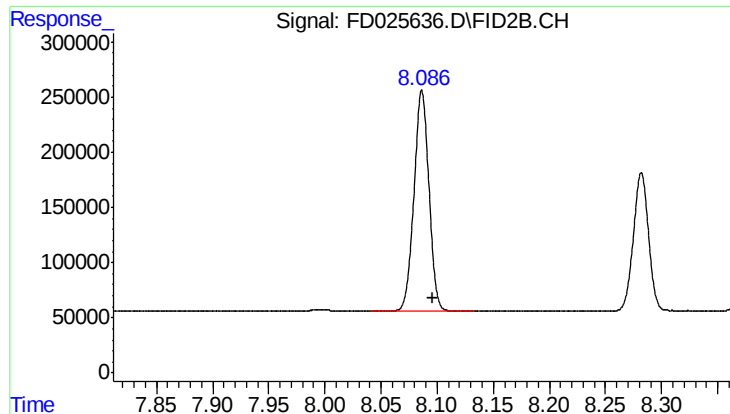
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.009 min
Response: 1897443
Conc: 21.40 ug/ml



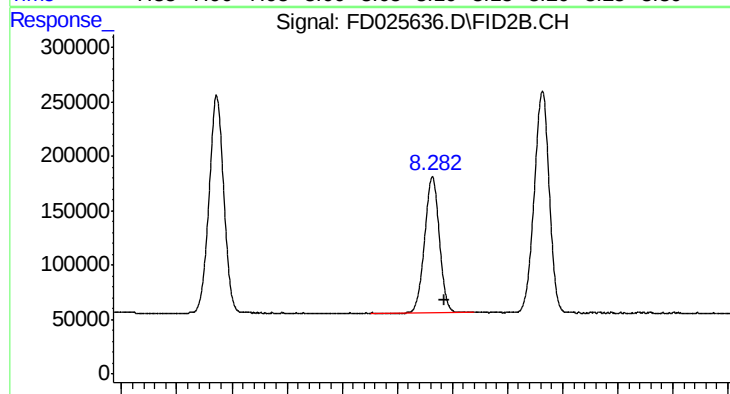
#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min
Delta R.T.: -0.010 min
Response: 1683145
Conc: 20.88 ug/ml



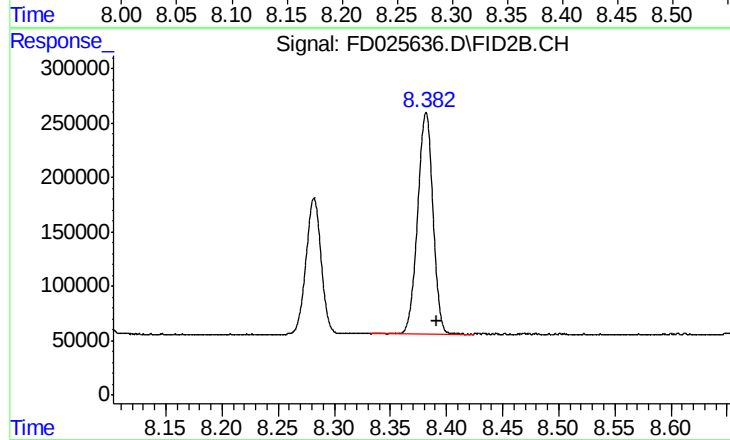
#5 Acenaphthylene (C15.06)

R.T.: 8.086 min
Delta R.T.: -0.010 min
Response: 1851681
Conc: 20.77 ug/ml



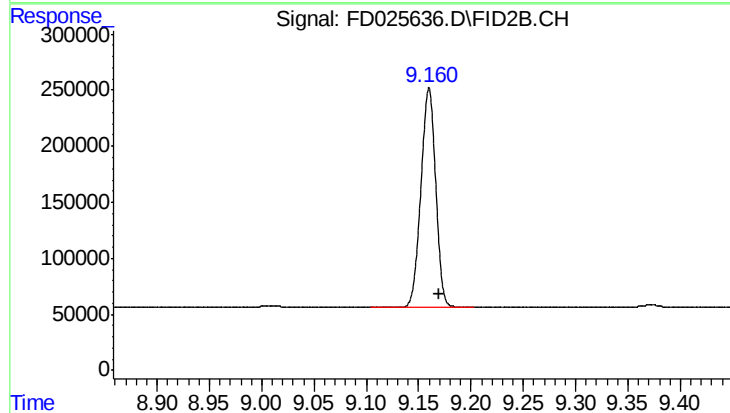
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.282 min
Delta R.T.: -0.010 min
Response: 1164270
Conc: 20.50 ug/ml



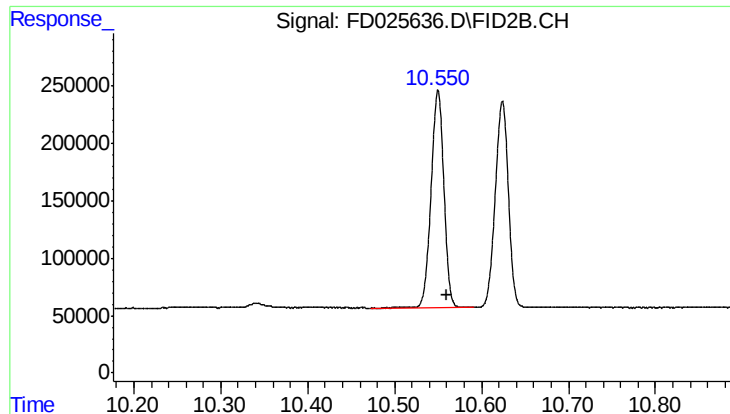
#7 Acenaphthene (C15.5)

R.T.: 8.382 min
Delta R.T.: -0.009 min
Response: 1929075
Conc: 20.62 ug/ml



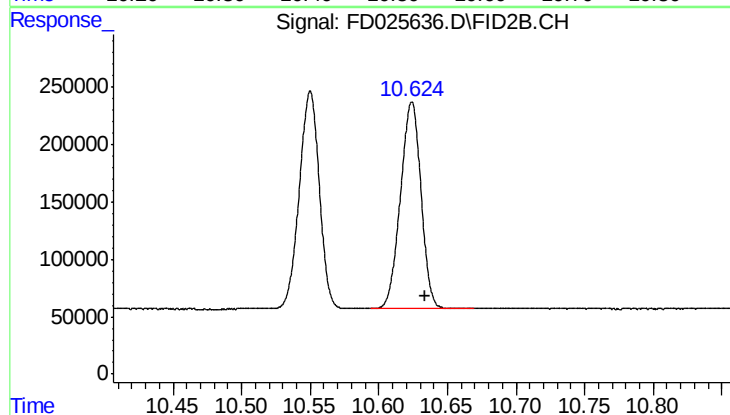
#8 Fluorene (C16.55)

R.T.: 9.160 min
Delta R.T.: -0.010 min
Response: 1915831
Conc: 20.02 ug/ml



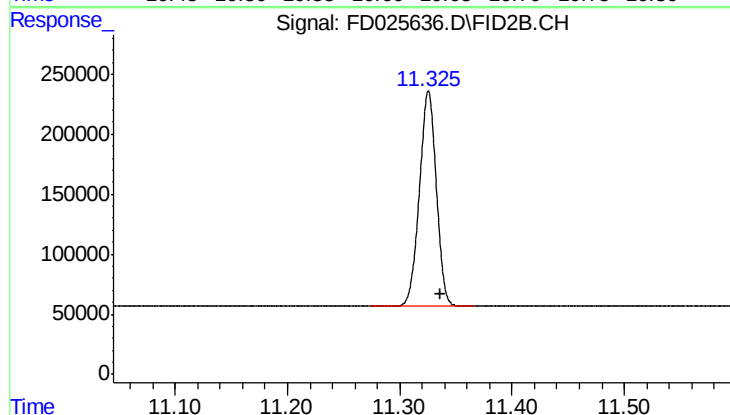
#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: -0.010 min
Response: 1941098
Conc: 20.10 ug/ml



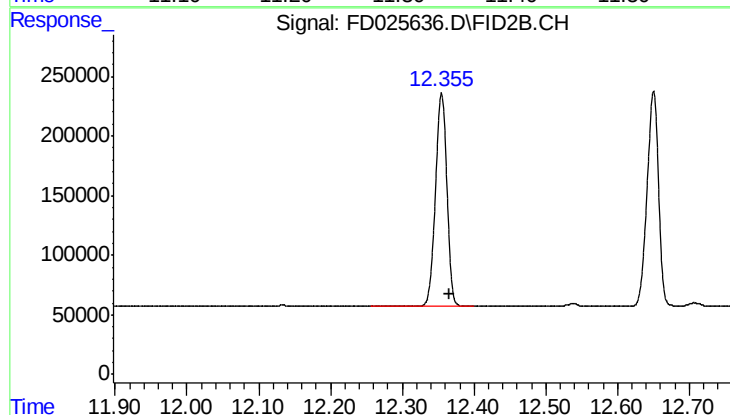
#10 Anthracene (C19.43)

R.T.: 10.624 min
Delta R.T.: -0.009 min
Response: 1892046
Conc: 19.94 ug/ml



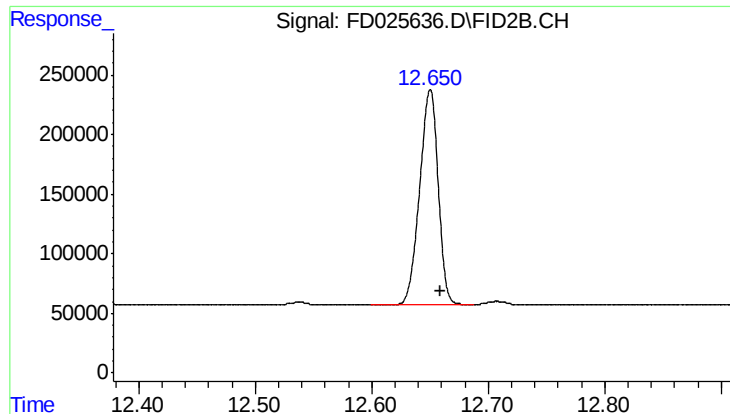
#11 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: -0.010 min
Response: 1870917
Conc: 19.96 ug/ml



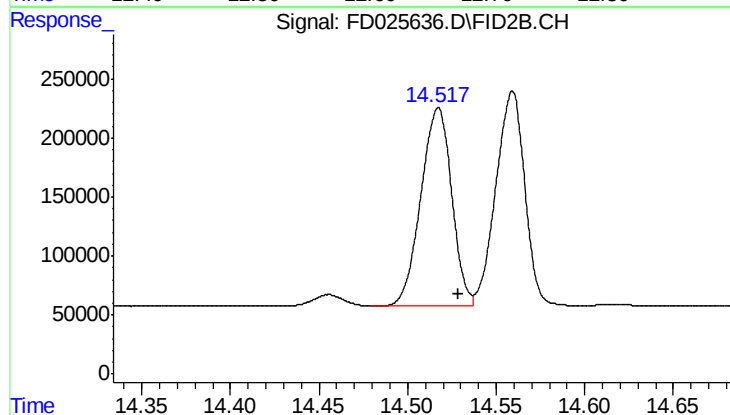
#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 1978796
Conc: 20.63 ug/ml



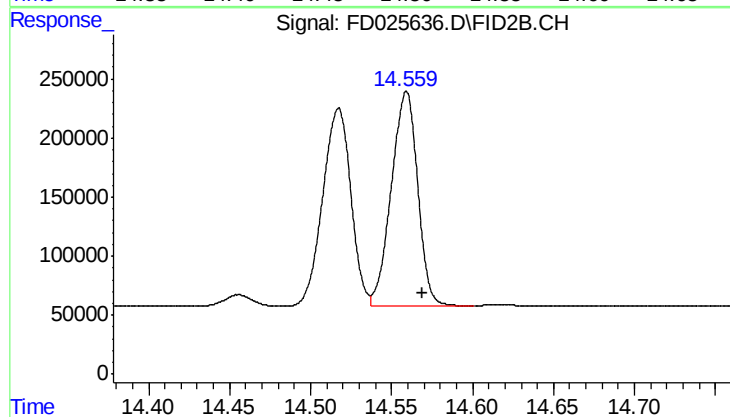
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: -0.009 min
Response: 1990821
Conc: 20.81 ug/ml



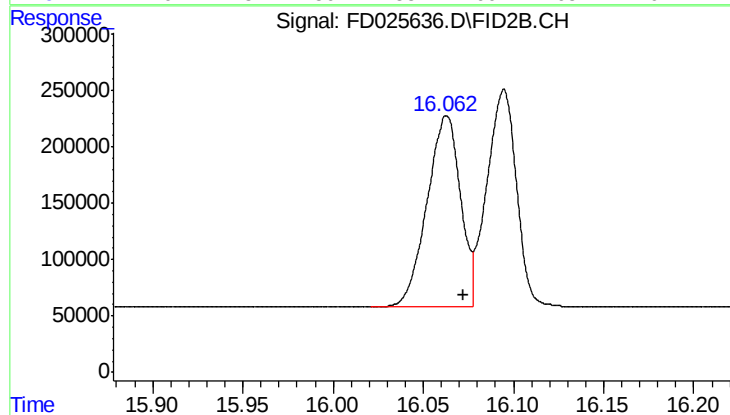
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.517 min
Delta R.T.: -0.011 min
Response: 2031099
Conc: 22.70 ug/ml



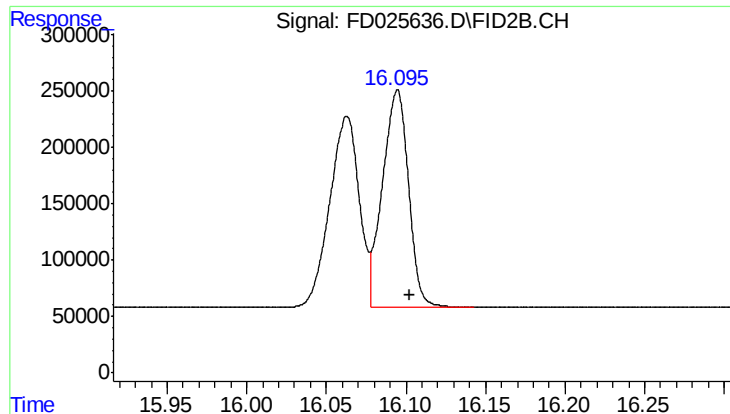
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: -0.010 min
Response: 2057600
Conc: 22.93 ug/ml



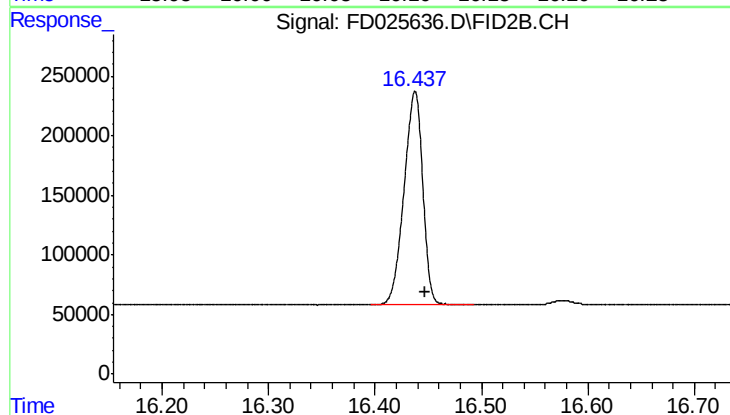
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min
Delta R.T.: -0.009 min
Response: 2188329
Conc: 22.90 ug/ml



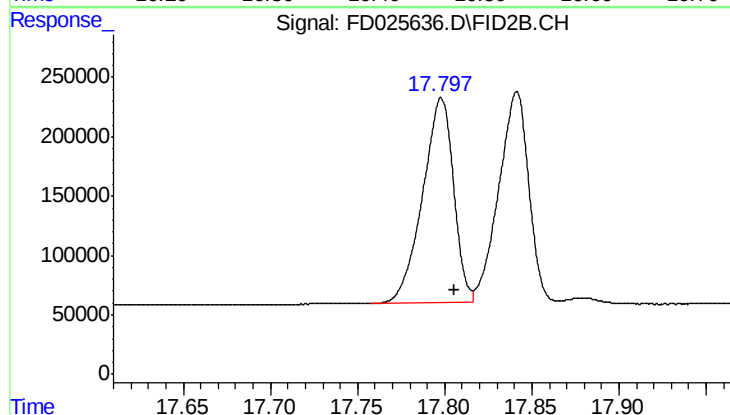
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.095 min
Delta R.T.: -0.008 min
Response: 2210344
Conc: 22.83 ug/ml



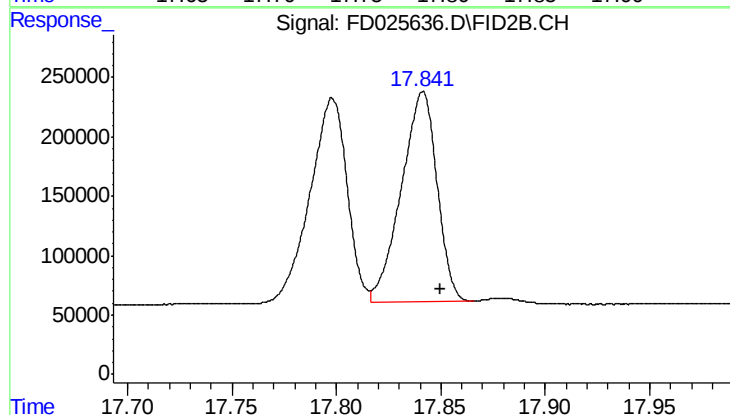
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.438 min
Delta R.T.: -0.009 min
Response: 2189484
Conc: 22.50 ug/ml



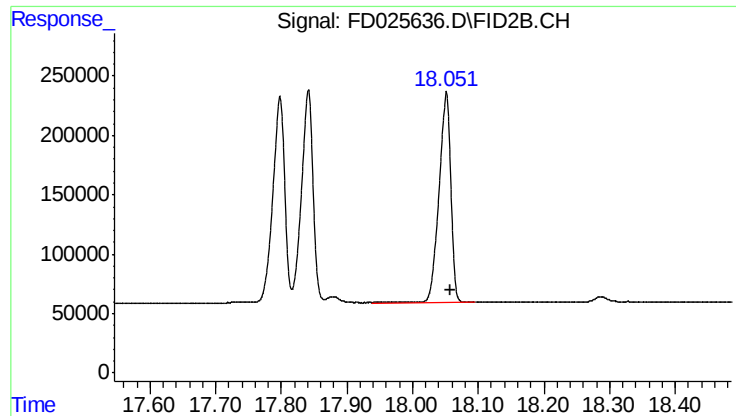
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.007 min
Response: 2134256
Conc: 20.82 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.009 min
Response: 2102944
Conc: 20.88 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.006 min
Response: 2203891
Conc: 21.30 ug/ml