

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD091118AR\
 Data File : FD025564.D
 Signal(s) : FID2B.CH
 Acq On : 11 Sep 2018 12:16
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 14:06:17 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...	7.434	1674044	20.766 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
6) S 2-Fluorobiphenyl (SURR)	8.286	1144083	20.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.329	1801969	19.223 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1731485	22.036 ug/ml
2) T Naphthalene (C11.7)	5.769	1892298	21.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.820	1878676	21.188 ug/ml
5) T Acenaphthylene (C15.06)	8.090	1815780	20.370 ug/ml
7) T Acenaphthene (C15.5)	8.385	1897770	20.289 ug/ml
8) T Fluorene (C16.55)	9.164	1861024	19.448 ug/ml
9) T Phenanthrene (C19.36)	10.553	1848127	19.136 ug/ml
10) T Anthracene (C19.43)	10.627	1812863	19.104 ug/ml
12) T Fluoranthene (C21.85)	12.359	1924945	20.066 ug/ml
13) T Pyrene (C20.8)	12.653	1958335	20.467 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.523	2031927	22.704 ug/ml
15) T Chrysene (C27.41)	14.564	2051711	22.869 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.068	2138975	22.383 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.102	2130388	22.000 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.445	2123856	21.830 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.806	2071913	20.211 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.848	2050270	20.353 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.058	2103336	20.331 ug/ml

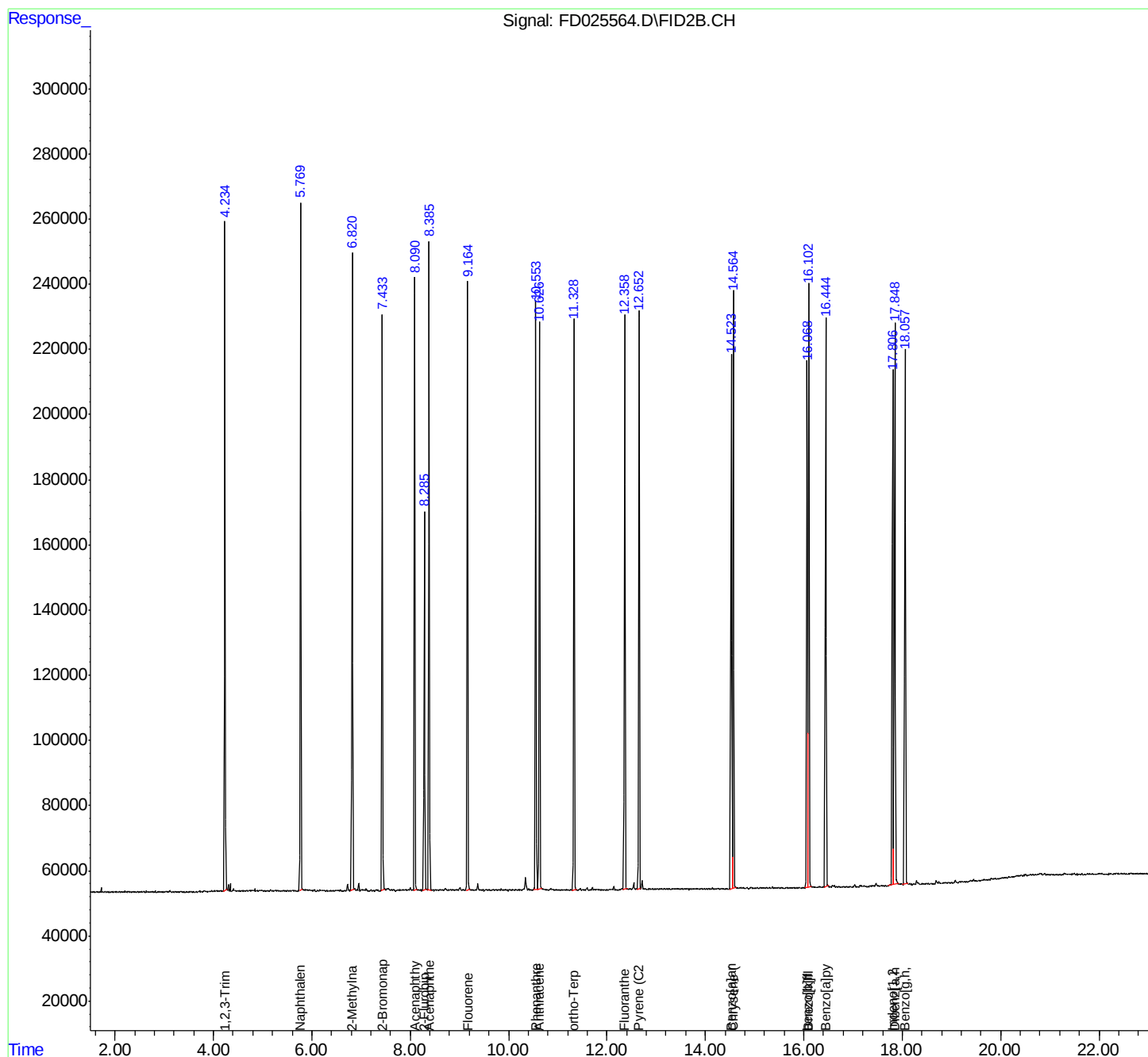
(f)=RT Delta > 1/2 Window

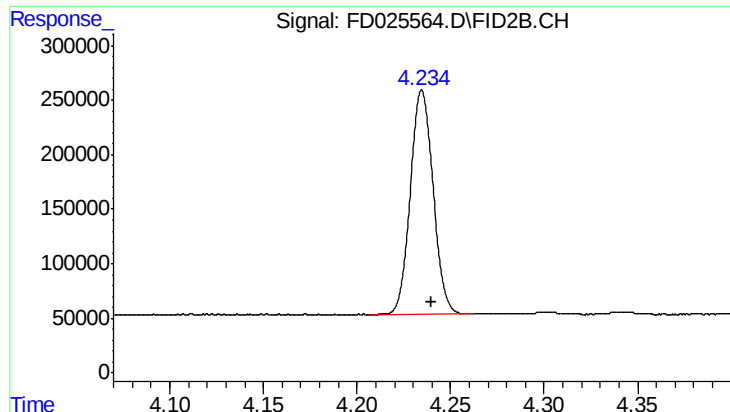
(m)=manual int.

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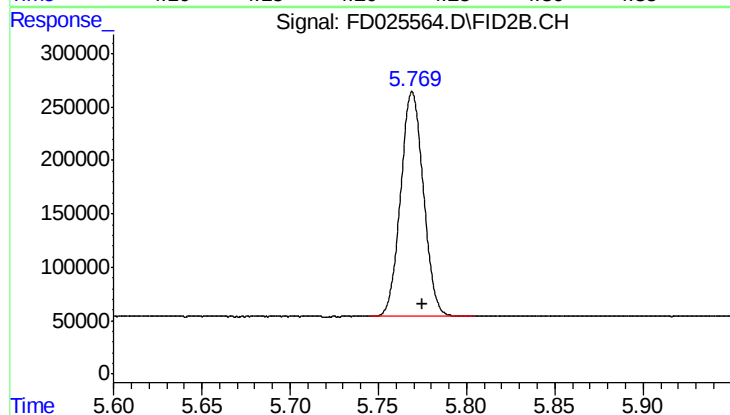
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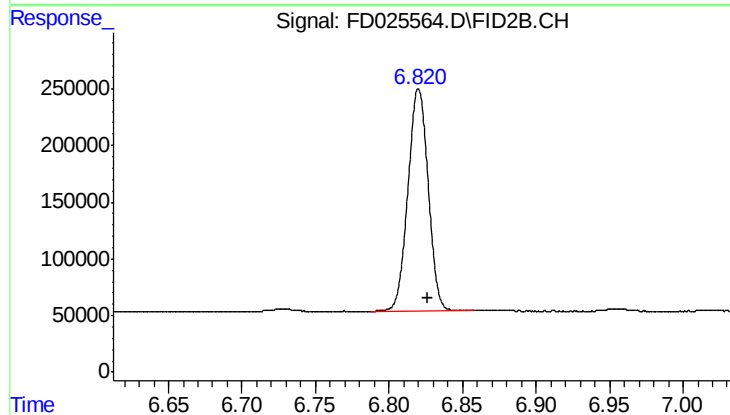
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 1731485
Conc: 22.04 ug/ml



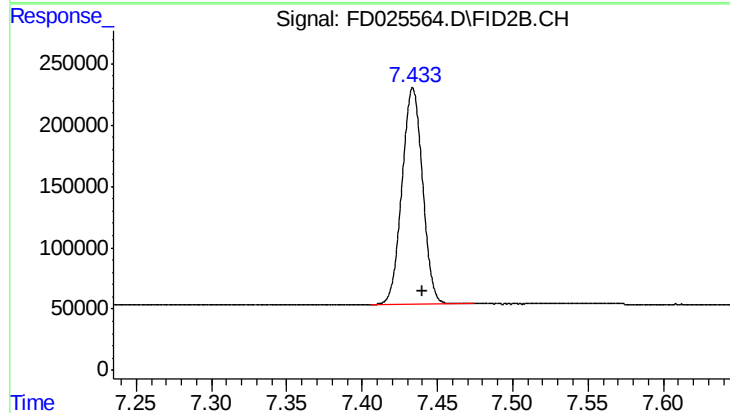
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 1892298
Conc: 21.64 ug/ml



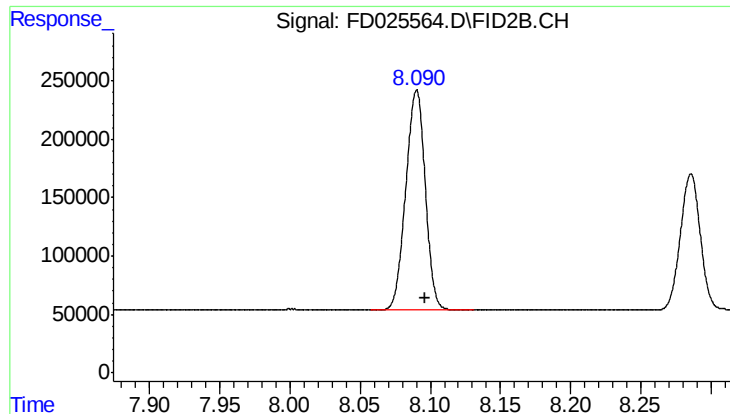
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.820 min
Delta R.T.: -0.006 min
Response: 1878676
Conc: 21.19 ug/ml



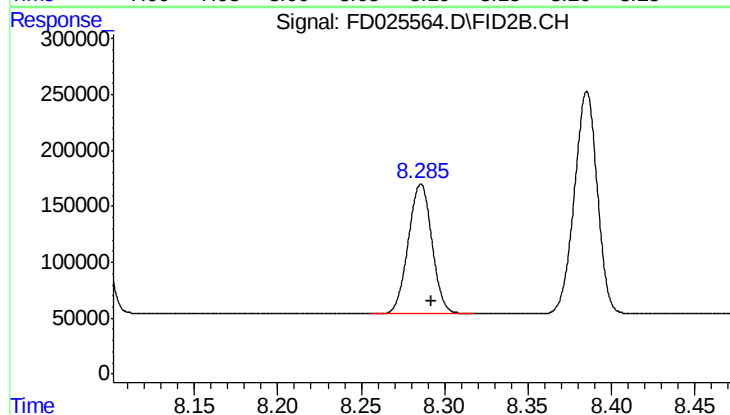
#4 2-Bromonaphthalene (SURR)

R.T.: 7.434 min
Delta R.T.: -0.007 min
Response: 1674044
Conc: 20.77 ug/ml



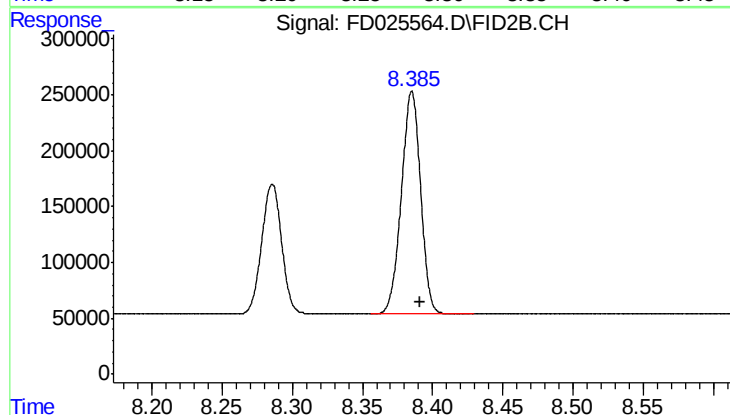
#5 Acenaphthylene (C15.06)

R.T.: 8.090 min
Delta R.T.: -0.006 min
Response: 1815780
Conc: 20.37 ug/ml



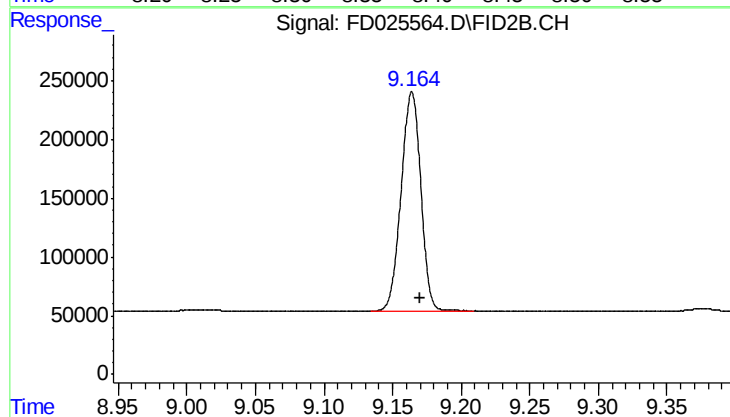
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.286 min
Delta R.T.: -0.006 min
Response: 1144083
Conc: 20.15 ug/ml



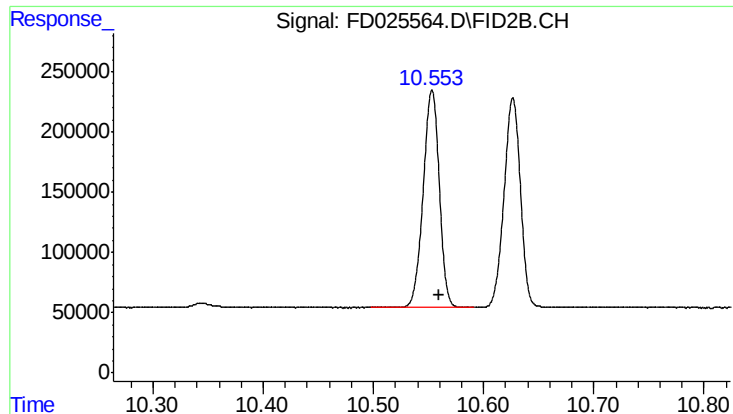
#7 Acenaphthene (C15.5)

R.T.: 8.385 min
Delta R.T.: -0.005 min
Response: 1897770
Conc: 20.29 ug/ml



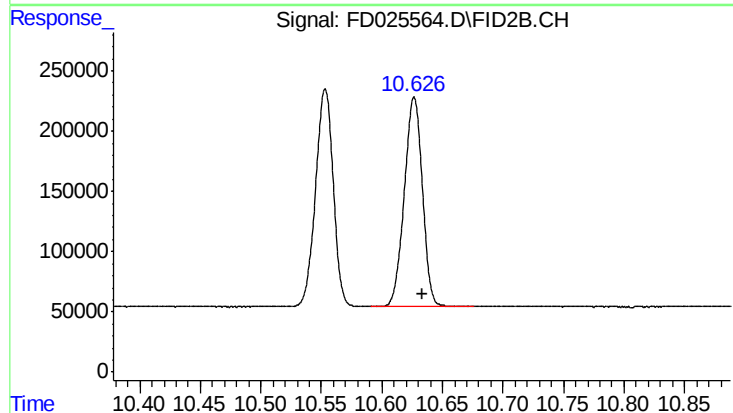
#8 Fluorene (C16.55)

R.T.: 9.164 min
Delta R.T.: -0.005 min
Response: 1861024
Conc: 19.45 ug/ml



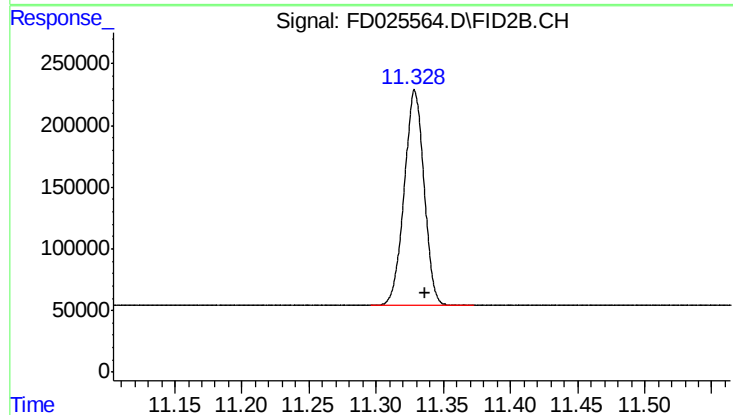
#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.007 min
Response: 1848127
Conc: 19.14 ug/ml



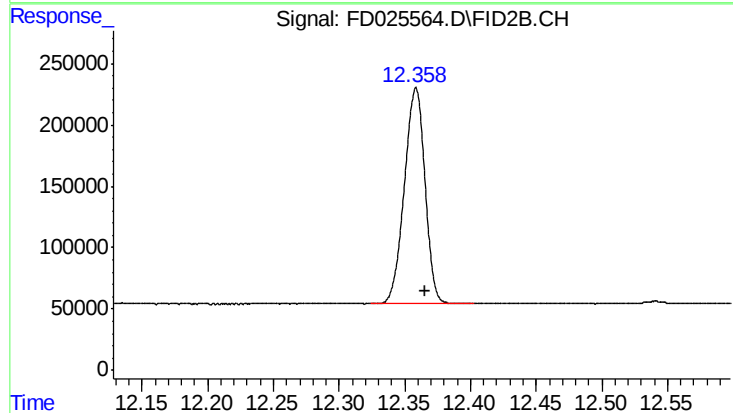
#10 Anthracene (C19.43)

R.T.: 10.627 min
Delta R.T.: -0.007 min
Response: 1812863
Conc: 19.10 ug/ml



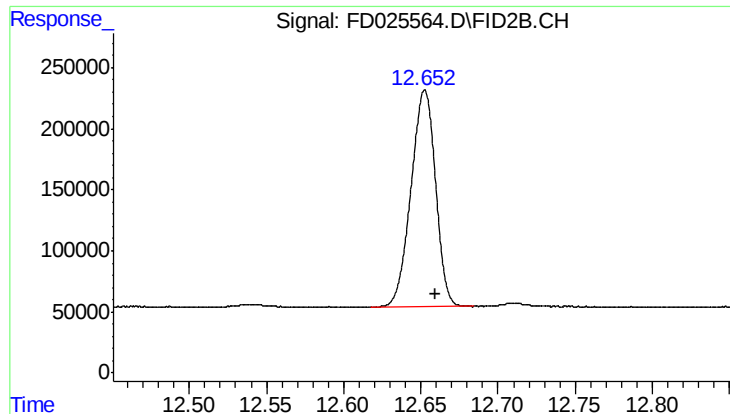
#11 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 1801969
Conc: 19.22 ug/ml



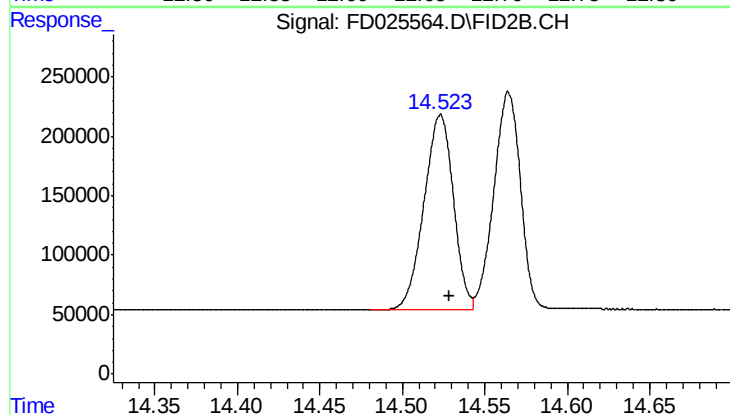
#12 Fluoranthene (C21.85)

R.T.: 12.359 min
Delta R.T.: -0.007 min
Response: 1924945
Conc: 20.07 ug/ml



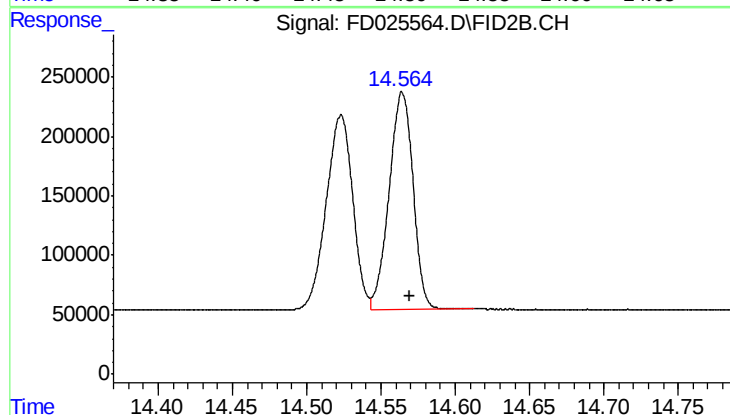
#13 Pyrene (C20.8)

R.T.: 12.653 min
Delta R.T.: -0.007 min
Response: 1958335
Conc: 20.47 ug/ml



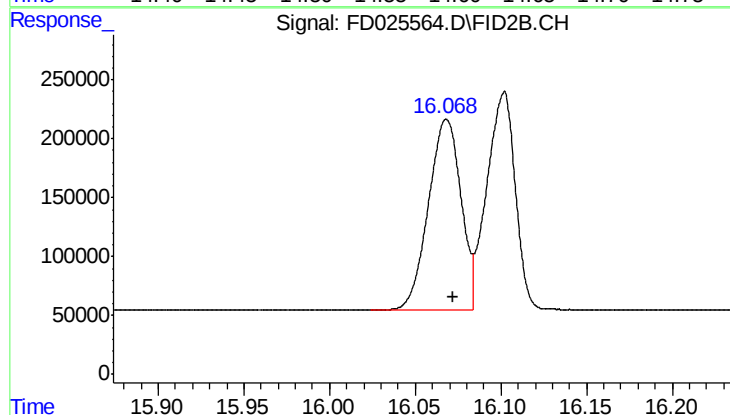
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: -0.005 min
Response: 2031927
Conc: 22.70 ug/ml



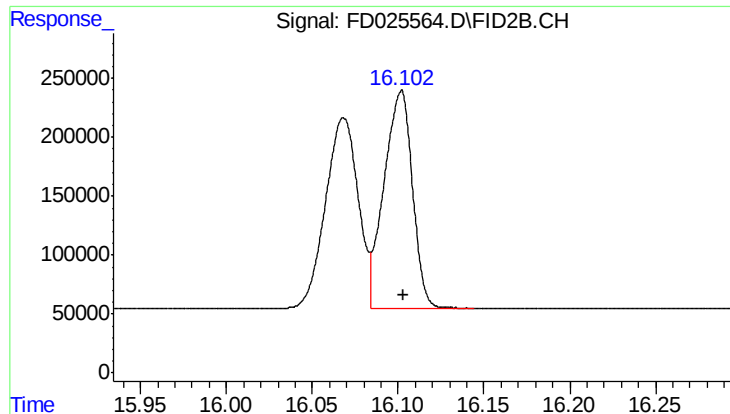
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: -0.005 min
Response: 2051711
Conc: 22.87 ug/ml



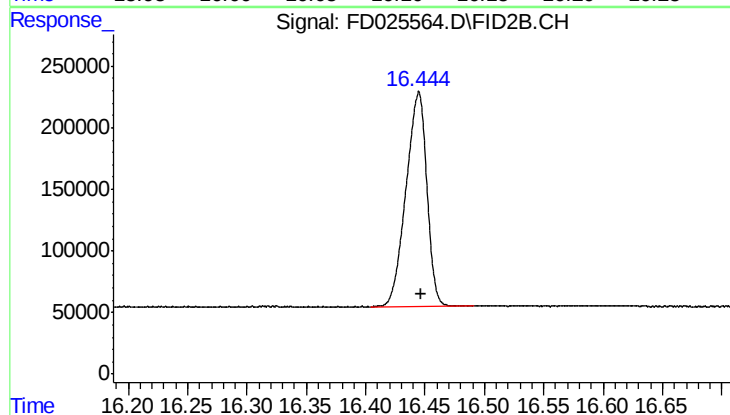
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.068 min
Delta R.T.: -0.004 min
Response: 2138975
Conc: 22.38 ug/ml



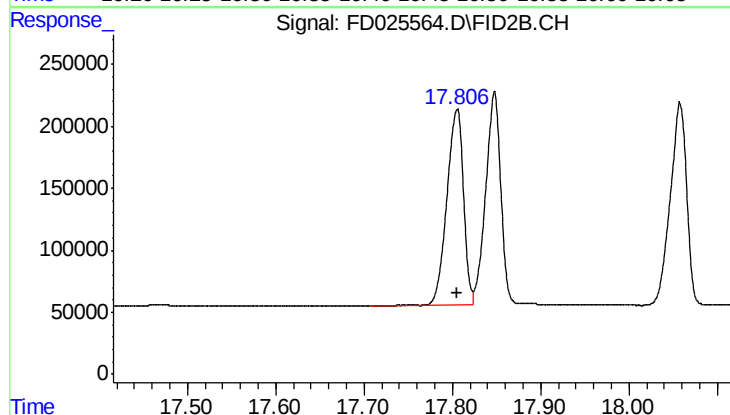
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: -0.001 min
Response: 2130388
Conc: 22.00 ug/ml



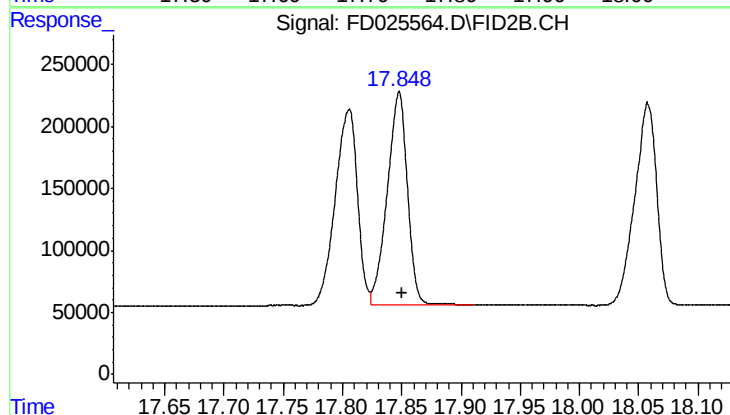
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.002 min
Response: 2123856
Conc: 21.83 ug/ml



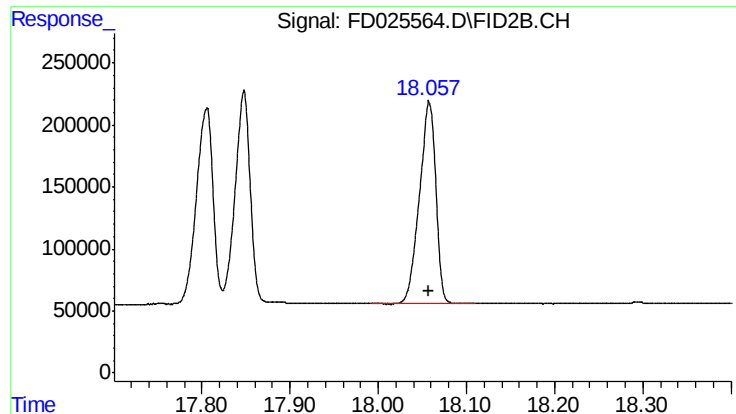
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.000 min
Response: 2071913
Conc: 20.21 ug/ml



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

R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 2050270
Conc: 20.35 ug/ml



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

R.T.: 18.058 min
Delta R.T.: 0.000 min
Response: 2103336
Conc: 20.33 ug/ml