

Data Path : P:\HPCHEM1\FID D\Data\FD021618AR\
 Data File : FD020065.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2018 3:00
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 03:56:31 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.349	1682643	20.796 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
6) S 2-Fluorobiphenyl (SURR)	8.210	1020130	18.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.30%
11) S ortho-Terphenyl (SURR)	11.230	1891402	19.118 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	1766682	19.956 ug/ml
2) T Naphthalene (C11.7)	5.689	1831814	20.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	1803536	19.645 ug/ml
5) T Acenaphthylene (C15.06)	8.004	1902194	20.061 ug/ml
7) T Acenaphthene (C15.5)	8.296	2036753	20.879 ug/ml
8) T Fluorene (C16.55)	9.078	1867402	19.651 ug/ml
9) T Phenanthrene (C19.36)	10.471	1903625	19.148 ug/ml
10) T Anthracene (C19.43)	10.548	1935414	19.903 ug/ml
12) T Fluoranthene (C21.85)	12.279	2097645	19.787 ug/ml
13) T Pyrene (C20.8)	12.573	2097620	19.802 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.492	2236506	21.369 ug/ml
15) T Chrysene (C27.41)	14.492	2236506	20.694 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.035	2360630	21.941 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.035	2360630	20.841 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.388	2157811	19.796 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.793	2416509	24.427 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.793	2416509	21.084 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.011	2188739	20.973 ug/ml

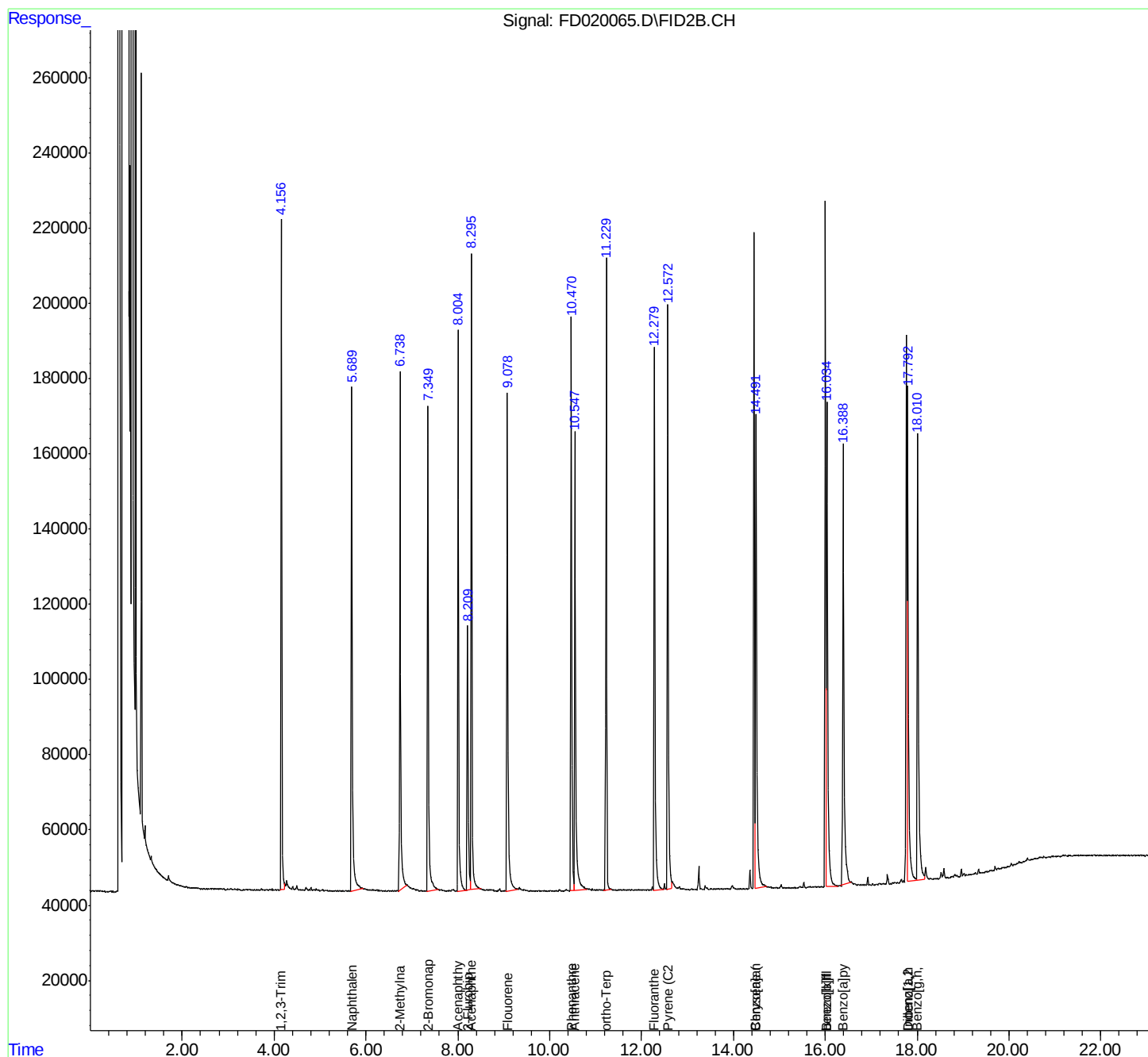
(f)=RT Delta > 1/2 Window

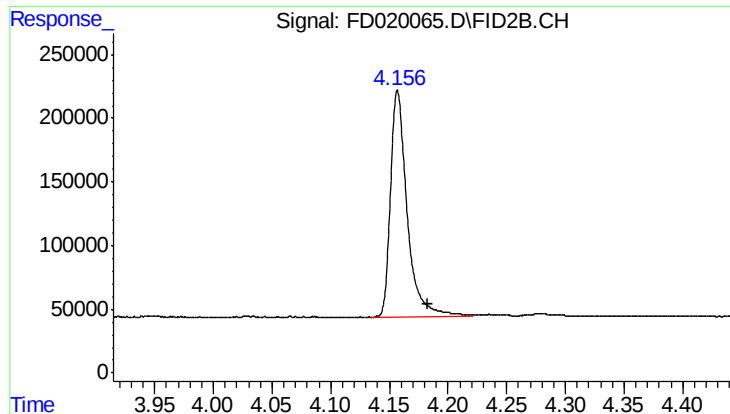
(m)=manual int.

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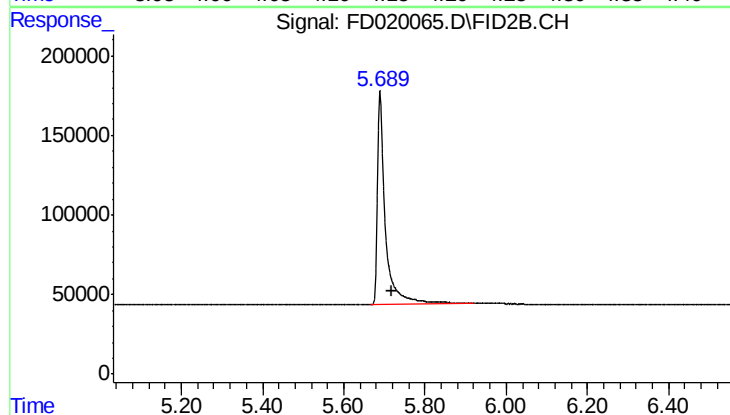
Volume Inj. : 1 µl
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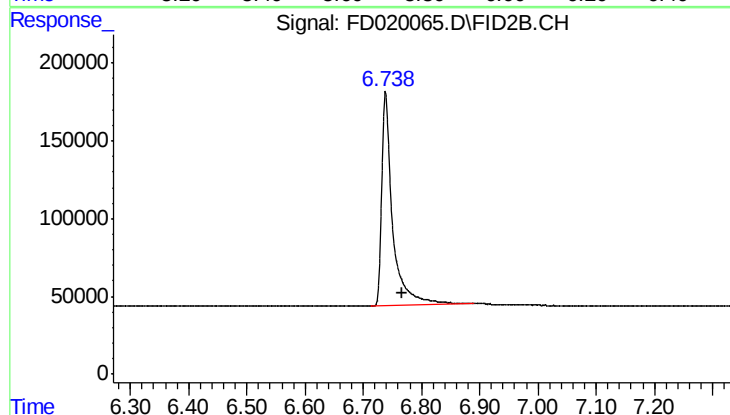
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.026 min
Response: 1766682
Conc: 19.96 ug/ml



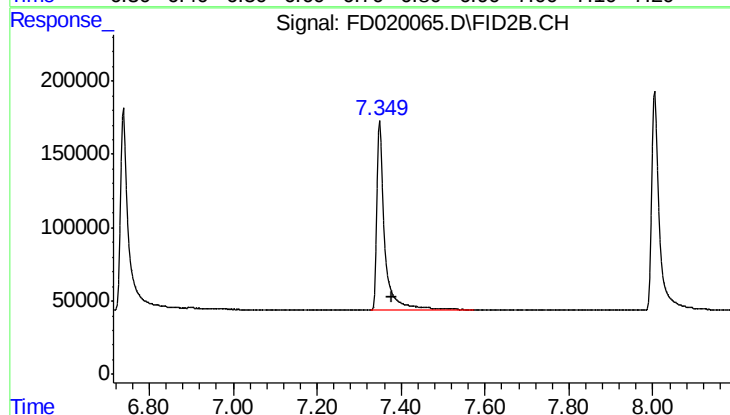
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.028 min
Response: 1831814
Conc: 20.51 ug/ml



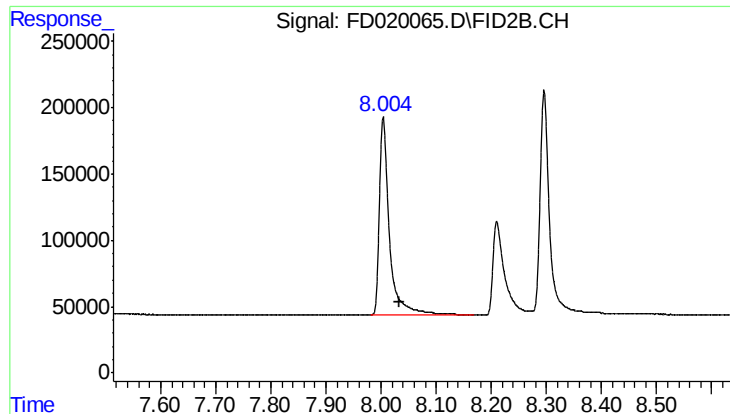
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.028 min
Response: 1803536
Conc: 19.64 ug/ml



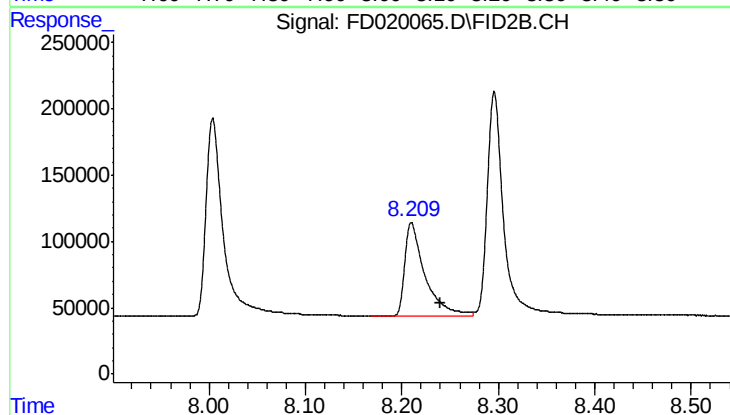
#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: -0.029 min
Response: 1682643
Conc: 20.80 ug/ml



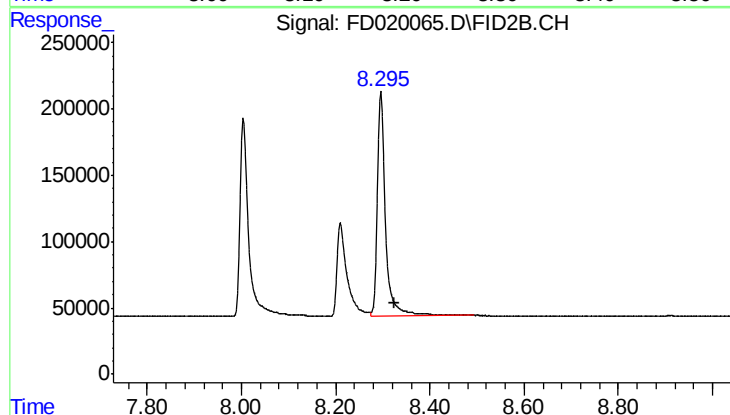
#5 Acenaphthylene (C15.06)

R.T.: 8.004 min
Delta R.T.: -0.030 min
Response: 1902194
Conc: 20.06 ug/ml



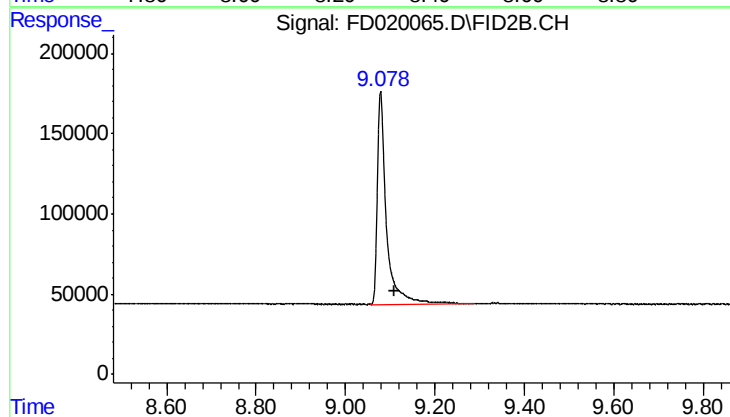
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.030 min
Response: 1020130
Conc: 18.65 ug/ml



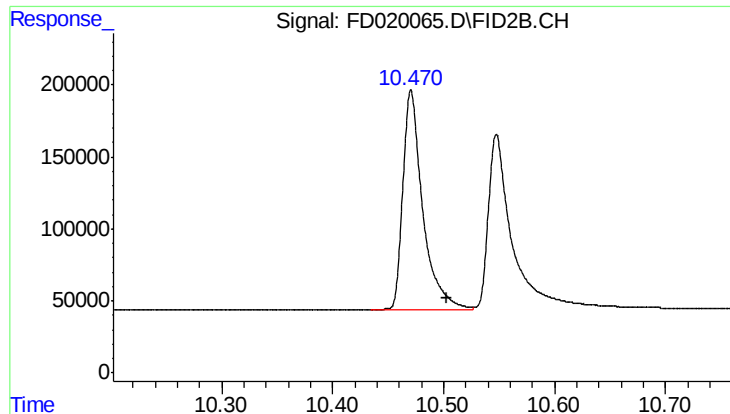
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.030 min
Response: 2036753
Conc: 20.88 ug/ml



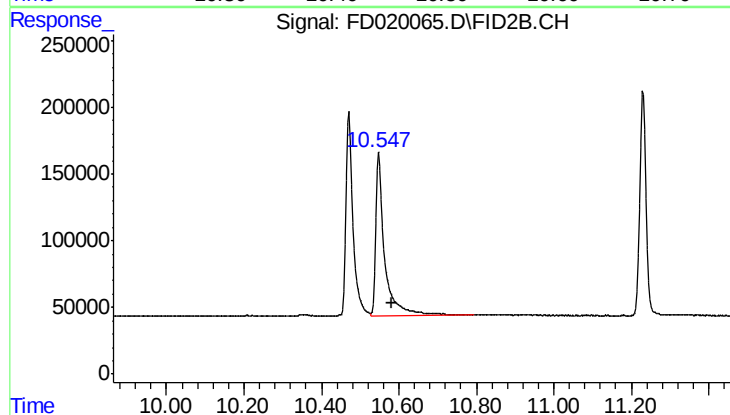
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.031 min
Response: 1867402
Conc: 19.65 ug/ml



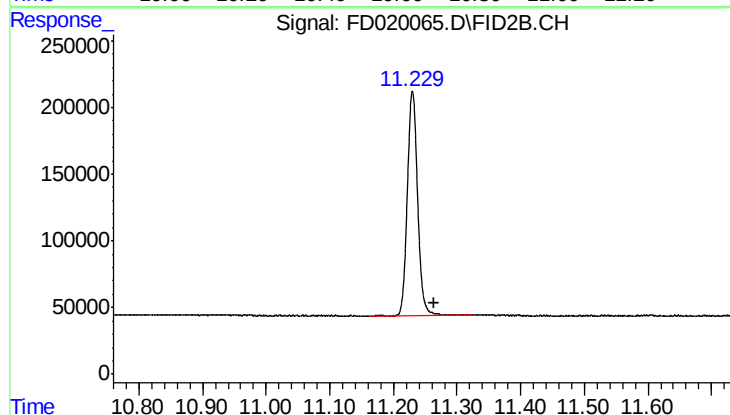
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: -0.032 min
Response: 1903625
Conc: 19.15 ug/ml



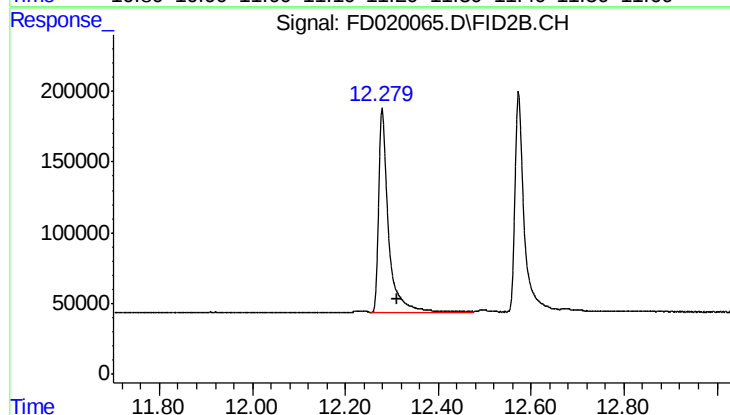
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: -0.033 min
Response: 1935414
Conc: 19.90 ug/ml



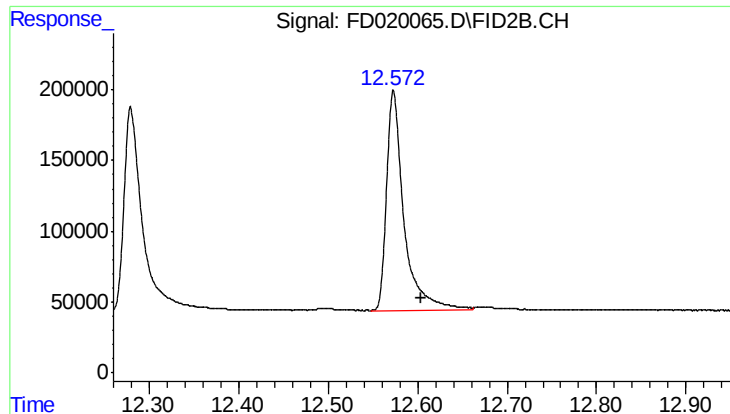
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: -0.033 min
Response: 1891402
Conc: 19.12 ug/ml



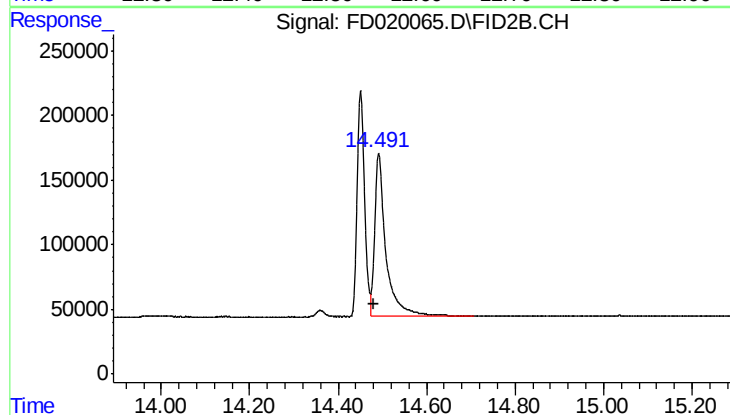
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.033 min
Response: 2097645
Conc: 19.79 ug/ml



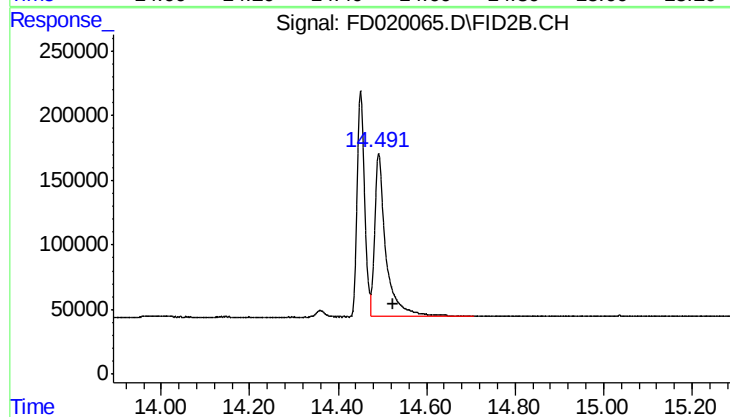
#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: -0.031 min
Response: 2097620
Conc: 19.80 ug/ml



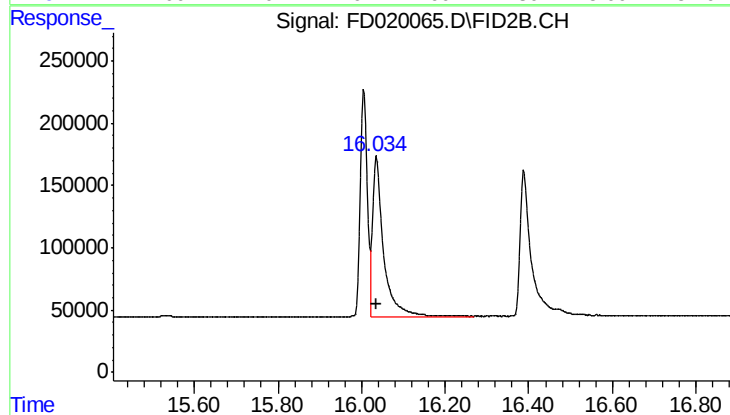
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: 0.010 min
Response: 2236506
Conc: 21.37 ug/ml



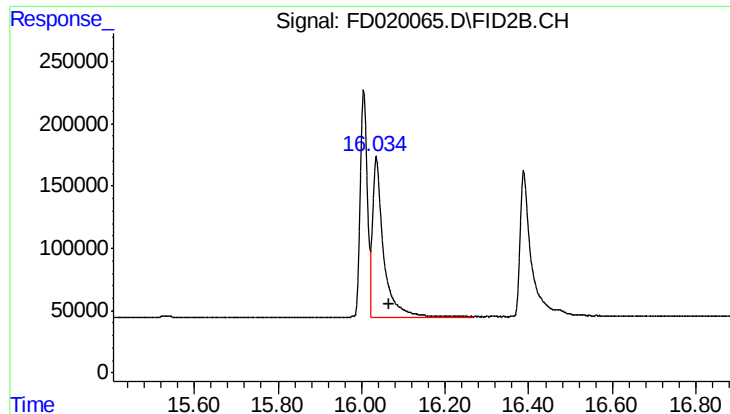
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.033 min
Response: 2236506
Conc: 20.69 ug/ml



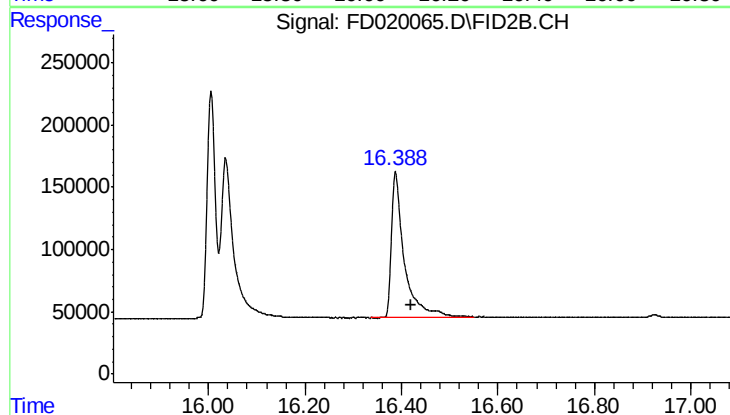
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.035 min
Delta R.T.: -0.001 min
Response: 2360630
Conc: 21.94 ug/ml



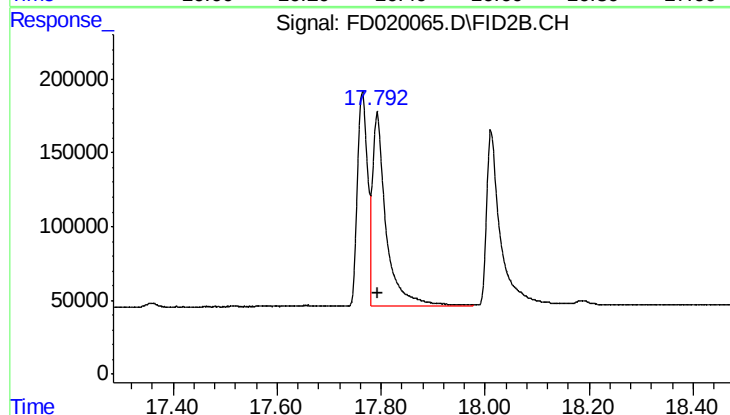
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: -0.032 min
Response: 2360630
Conc: 20.84 ug/ml



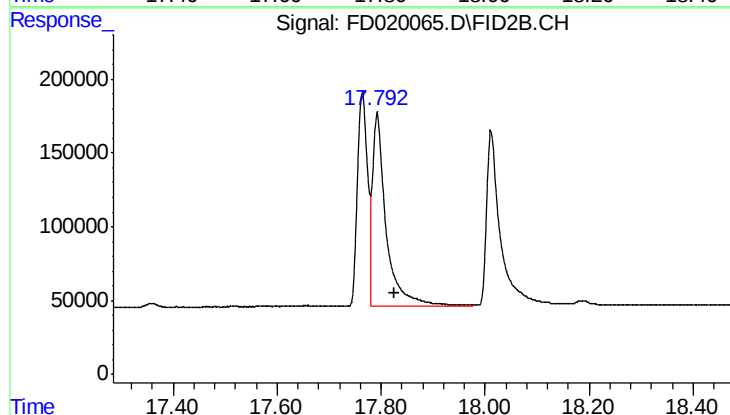
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.033 min
Response: 2157811
Conc: 19.80 ug/ml



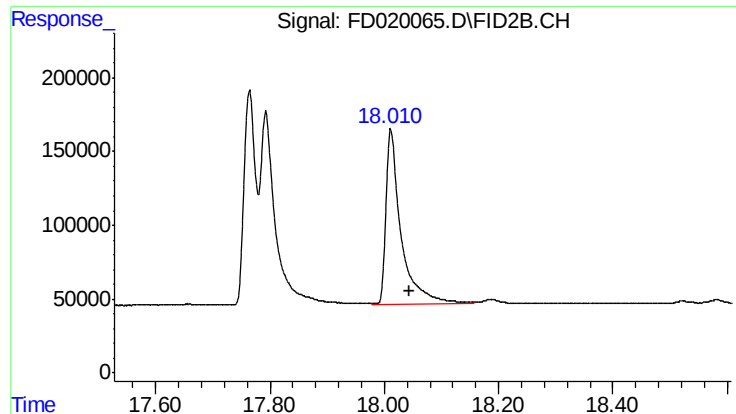
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: 0.000 min
Response: 2416509
Conc: 24.43 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.033 min
Response: 2416509
Conc: 21.08 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.032 min
Response: 2188739
Conc: 20.97 ug/ml