

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071118AR\
 Data File : FD024977.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2018 14:33
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 15:02:43 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.475	1658198	18.127 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
6) S 2-Fluorobiphenyl (SURR)	8.331	1108036	17.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.94%
11) S ortho-Terphenyl (SURR)	11.380	1812320	18.059 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	1974833	21.249 ug/ml
2) T Naphthalene (C11.7)	5.808	1981393	19.526 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	1887216	18.562 ug/ml
5) T Acenaphthylene (C15.06)	8.135	1750777	17.534 ug/ml
7) T Acenaphthene (C15.5)	8.431	1822419	17.446 ug/ml
8) T Flouorene (C16.55)	9.212	1806255	17.287 ug/ml
9) T Phenanthrene (C19.36)	10.605	1864468	18.134 ug/ml
10) T Anthracene (C19.43)	10.680	1846591	18.113 ug/ml
12) T Fluoranthene (C21.85)	12.416	1996790	20.026 ug/ml
13) T Pyrene (C20.8)	12.712	2025237	20.367 ug/ml
14) T Benzo[a]anthracene (C...	14.586	2037609	21.704 ug/ml
15) T Chrysene (C27.41)	14.627	2056869	21.742 ug/ml
16) T benzo[b]fluoranthene ...	16.135	2083321	20.146 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	2130258	20.187 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	2068017	19.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.877	2012448	18.881 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	2123215	20.300 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	1991863	18.753 ug/ml

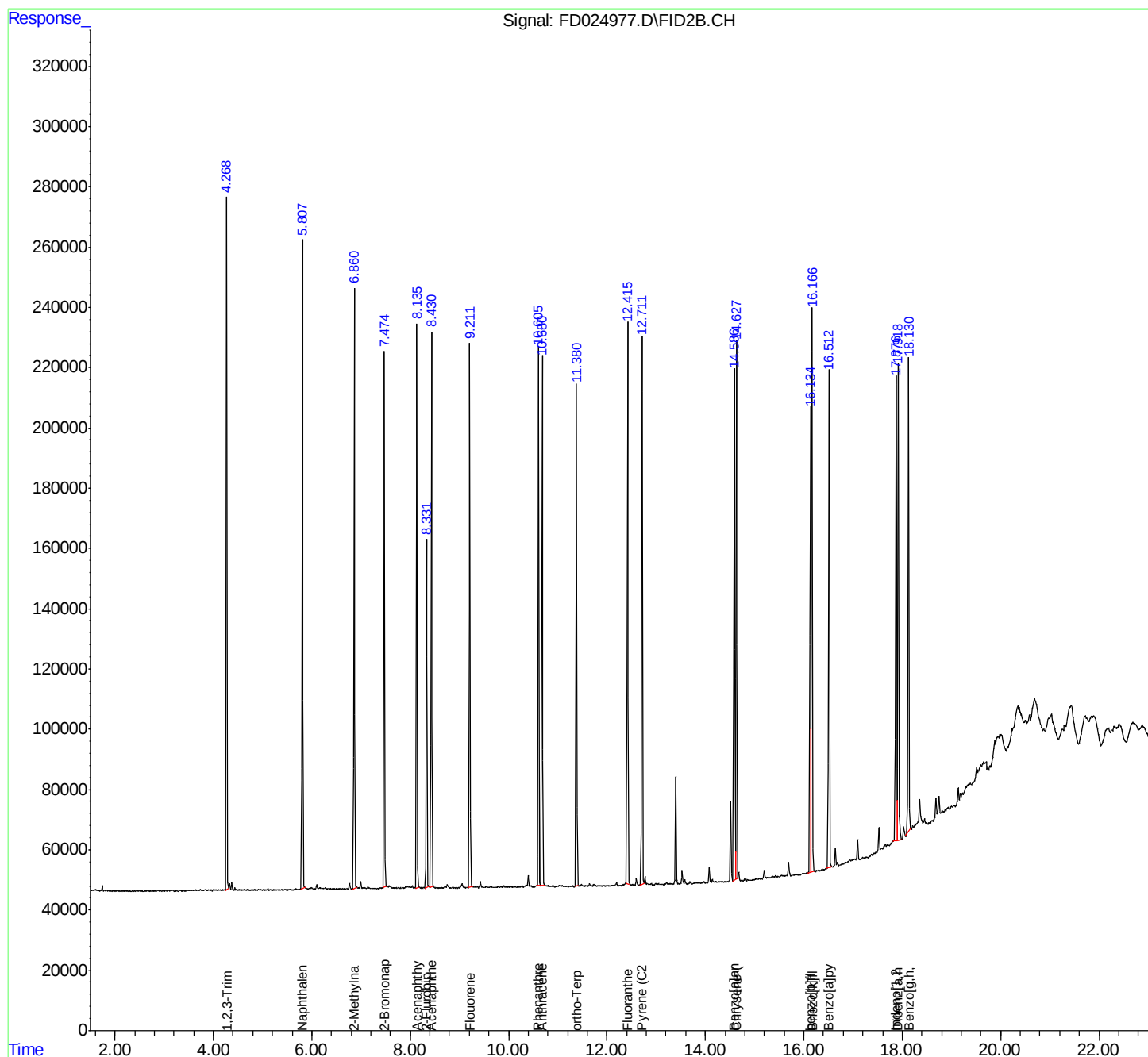
(f)=RT Delta > 1/2 Window

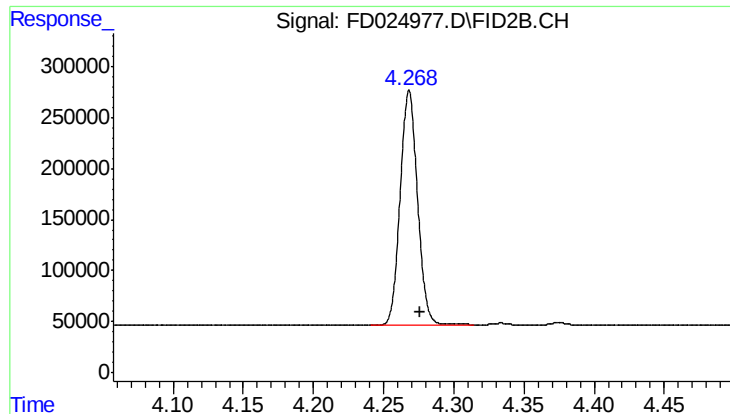
(m)=manual int.

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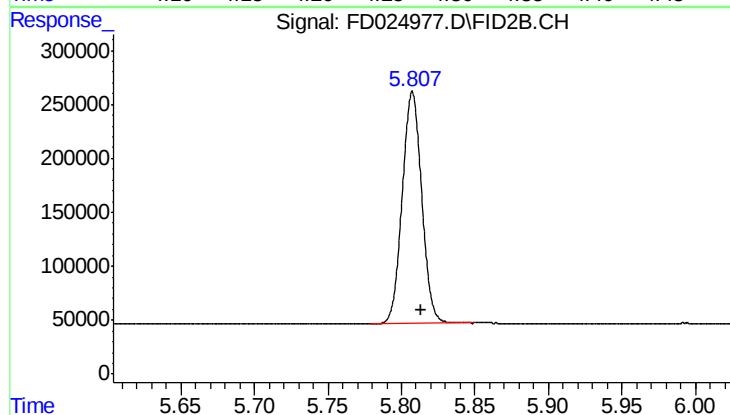
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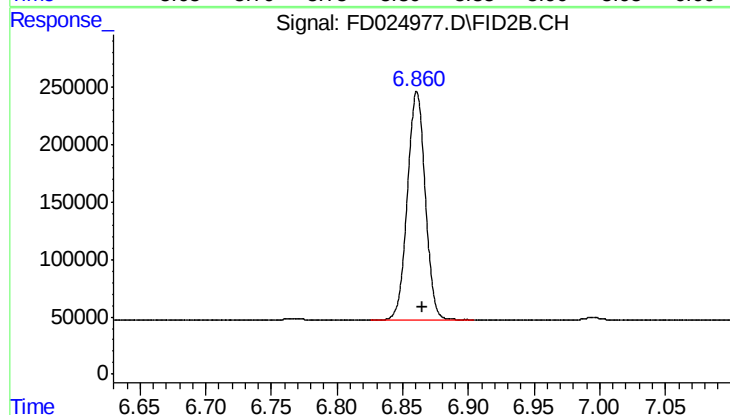
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.008 min
Response: 1974833
Conc: 21.25 ug/ml



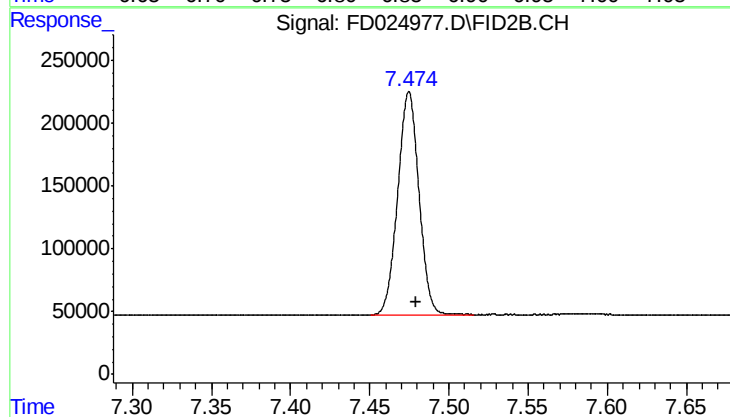
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.006 min
Response: 1981393
Conc: 19.53 ug/ml



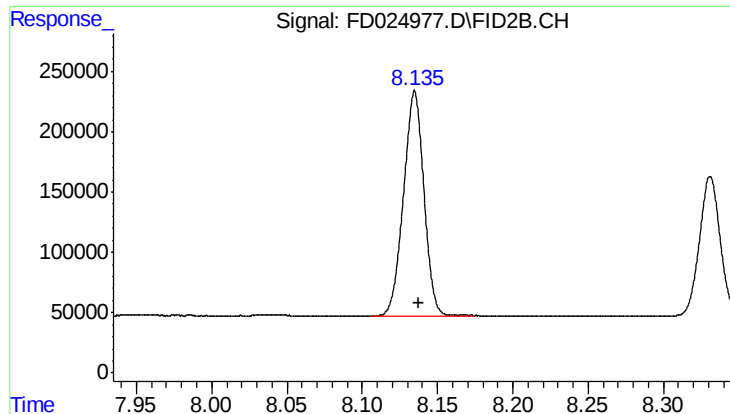
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 1887216
Conc: 18.56 ug/ml



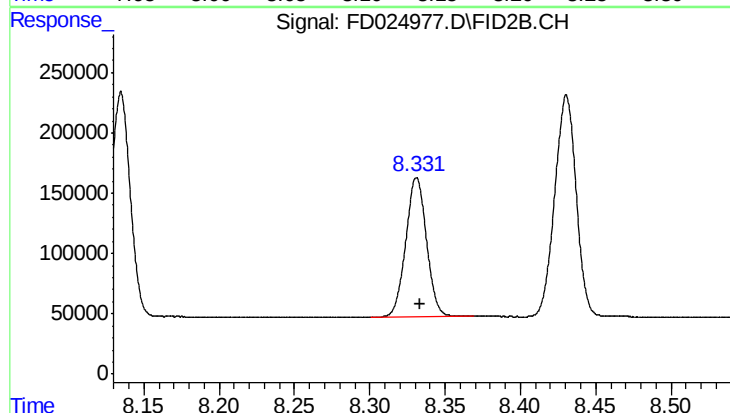
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: -0.005 min
Response: 1658198
Conc: 18.13 ug/ml



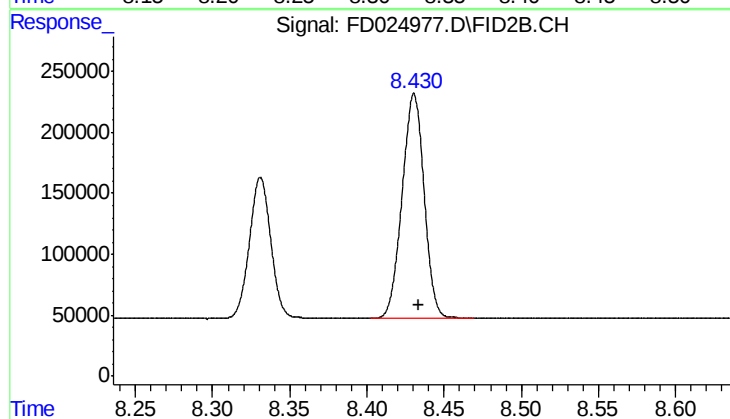
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 1750777
Conc: 17.53 ug/ml



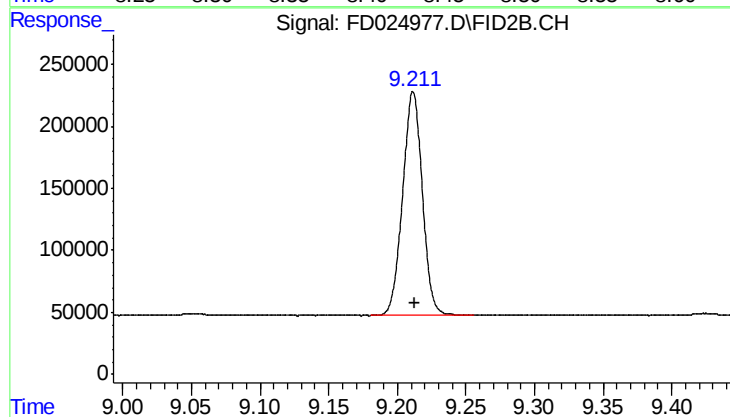
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 1108036
Conc: 17.47 ug/ml



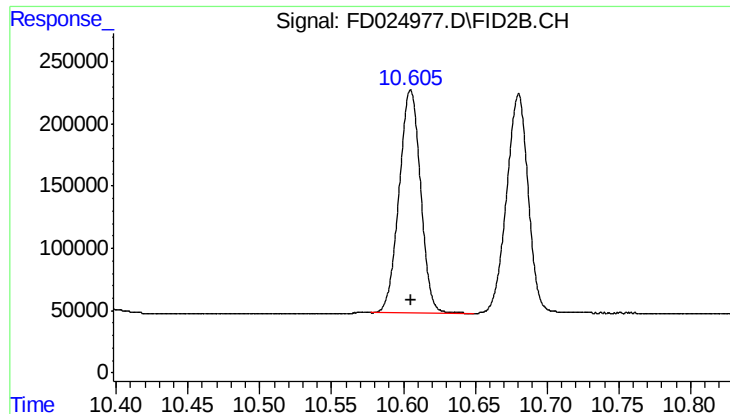
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: -0.003 min
Response: 1822419
Conc: 17.45 ug/ml



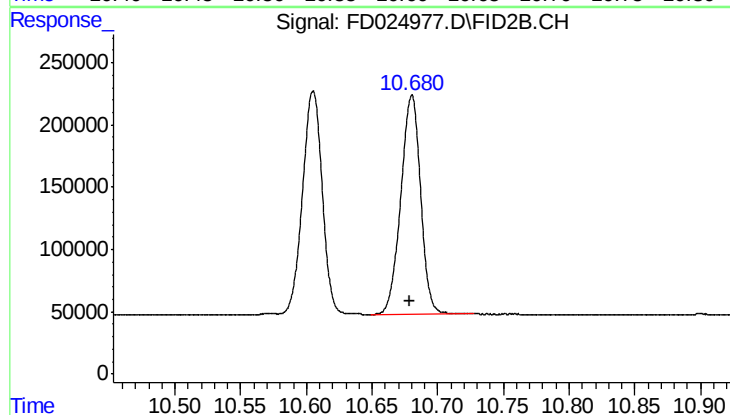
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.001 min
Response: 1806255
Conc: 17.29 ug/ml



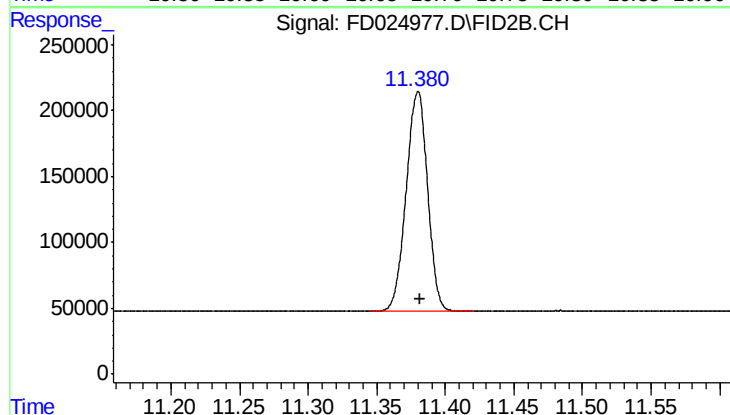
#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 1864468
Conc: 18.13 ug/ml



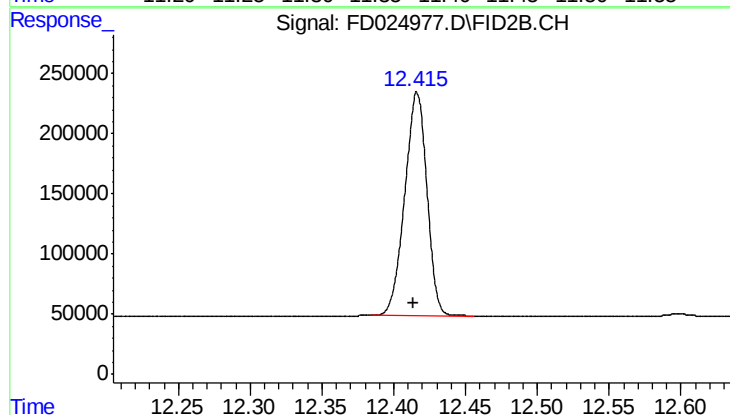
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.001 min
Response: 1846591
Conc: 18.11 ug/ml



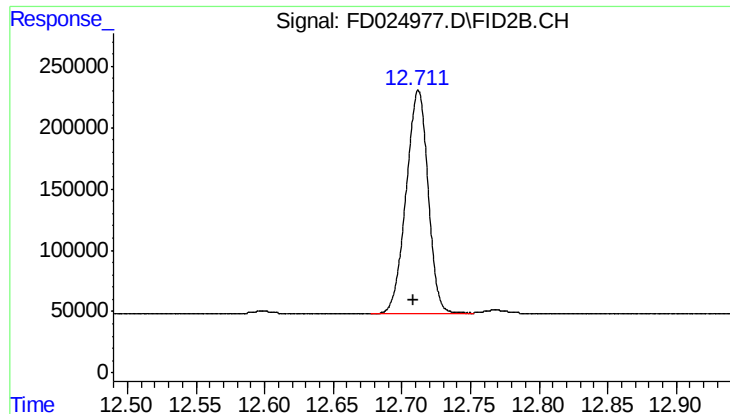
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.001 min
Response: 1812320
Conc: 18.06 ug/ml



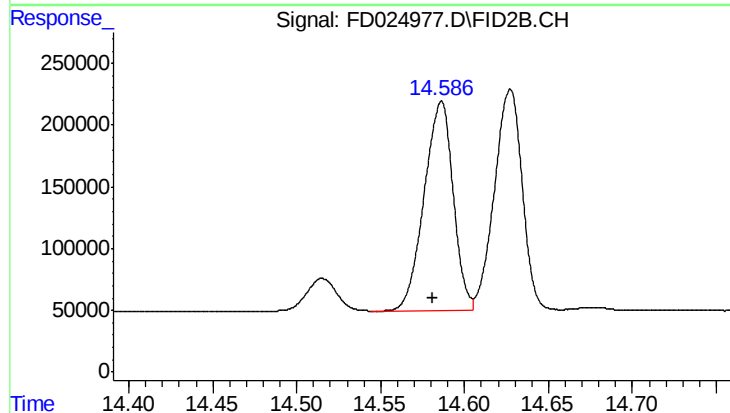
#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: 0.002 min
Response: 1996790
Conc: 20.03 ug/ml



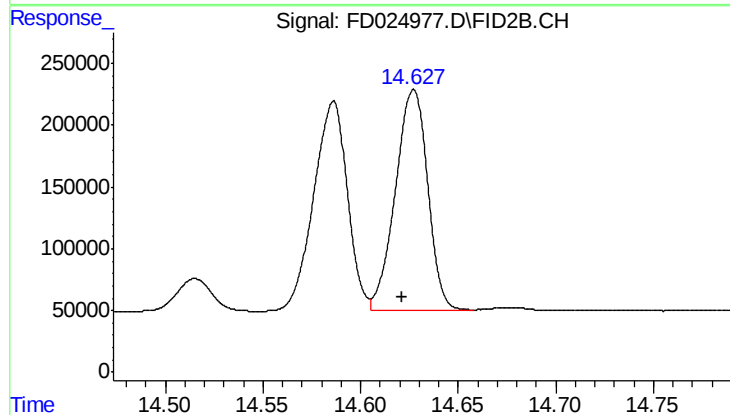
#13 Pyrene (C20.8)

R.T.: 12.712 min
Delta R.T.: 0.003 min
Response: 2025237
Conc: 20.37 ug/ml



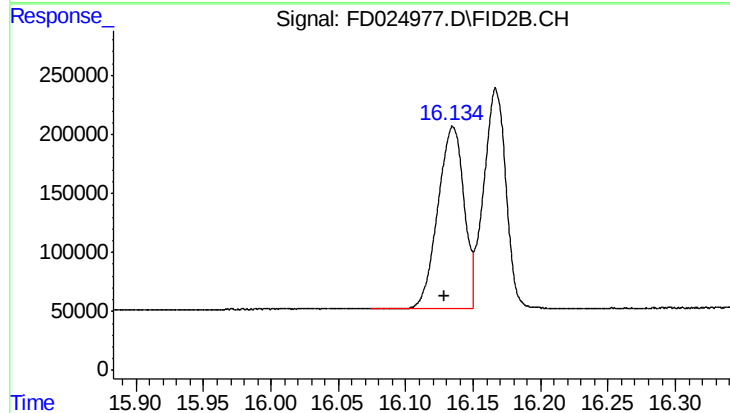
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: 0.006 min
Response: 2037609
Conc: 21.70 ug/ml



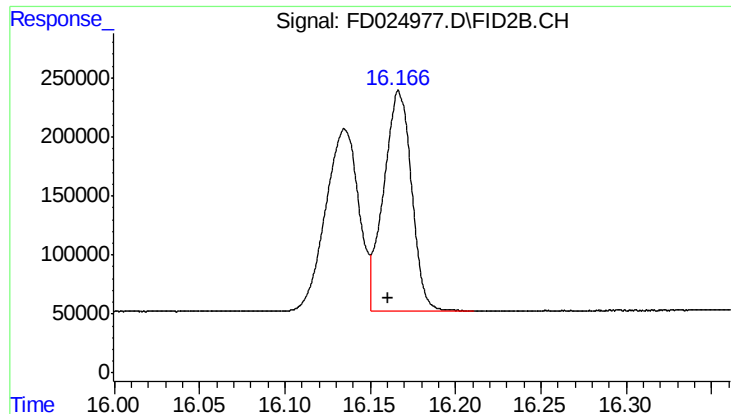
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: 0.006 min
Response: 2056869
Conc: 21.74 ug/ml



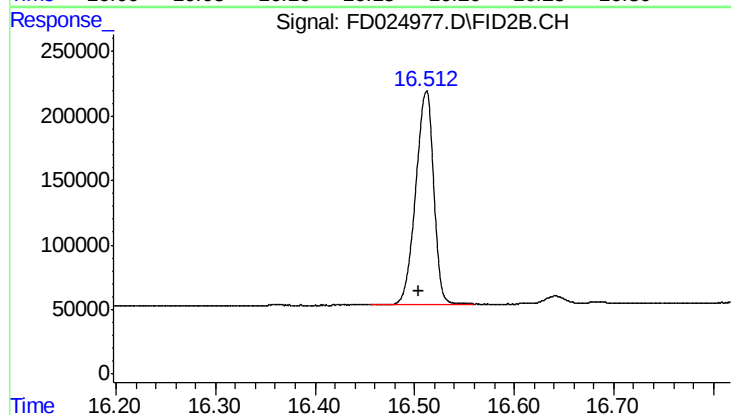
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.007 min
Response: 2083321
Conc: 20.15 ug/ml



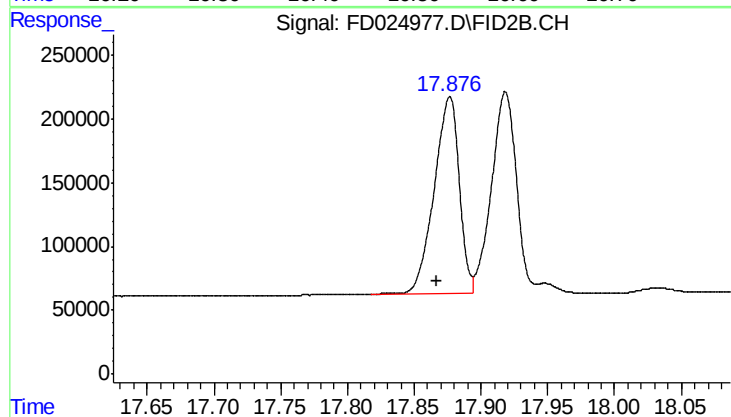
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.167 min
Delta R.T.: 0.006 min
Response: 2130258
Conc: 20.19 ug/ml



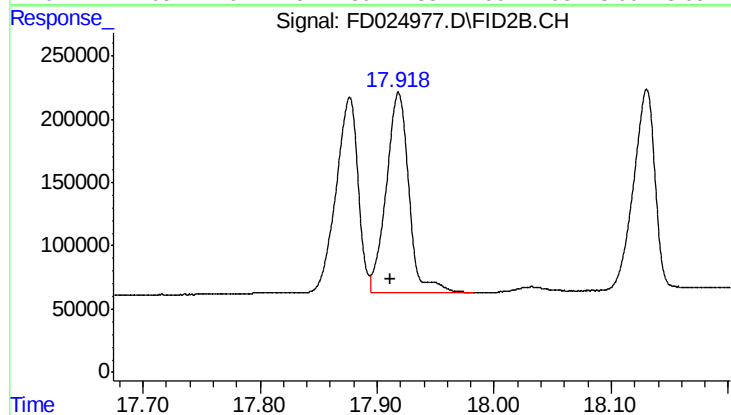
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.007 min
Response: 2068017
Conc: 19.90 ug/ml



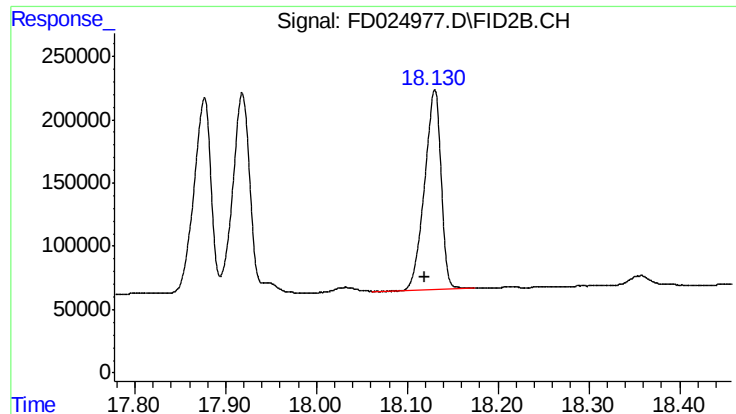
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.877 min
Delta R.T.: 0.010 min
Response: 2012448
Conc: 18.88 ug/ml



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

R.T.: 17.918 min
Delta R.T.: 0.007 min
Response: 2123215
Conc: 20.30 ug/ml



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

R.T.: 18.130 min
Delta R.T.: 0.011 min
Response: 1991863
Conc: 18.75 ug/ml