

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025000.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 5:57
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 10:10:40 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...	7.474	1750980	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
6) S 2-Fluorobiphenyl (SURR)	8.329	1157479	18.250 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.50%
11) S ortho-Terphenyl (SURR)	11.378	1865072	18.585 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	2120139	22.812 ug/ml
2) T Naphthalene (C11.7)	5.807	2105317	20.748 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	1993470	19.607 ug/ml
5) T Acenaphthylene (C15.06)	8.133	1833036	18.358 ug/ml
7) T Acenaphthene (C15.5)	8.429	1904509	18.232 ug/ml
8) T Flouorene (C16.55)	9.209	1876377	17.958 ug/ml
9) T Phenanthrene (C19.36)	10.603	1914187	18.617 ug/ml
10) T Anthracene (C19.43)	10.677	1895532	18.593 ug/ml
12) T Fluoranthene (C21.85)	12.413	2071127	20.771 ug/ml
13) T Pyrene (C20.8)	12.708	2086182	20.980 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2110110	22.477 ug/ml
15) T Chrysene (C27.41)	14.623	2131689	22.533 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2151955	20.810 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	2217446	21.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	2140304	20.596 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.870	2088031	19.590 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	2217405	21.201 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	2073628	19.523 ug/ml

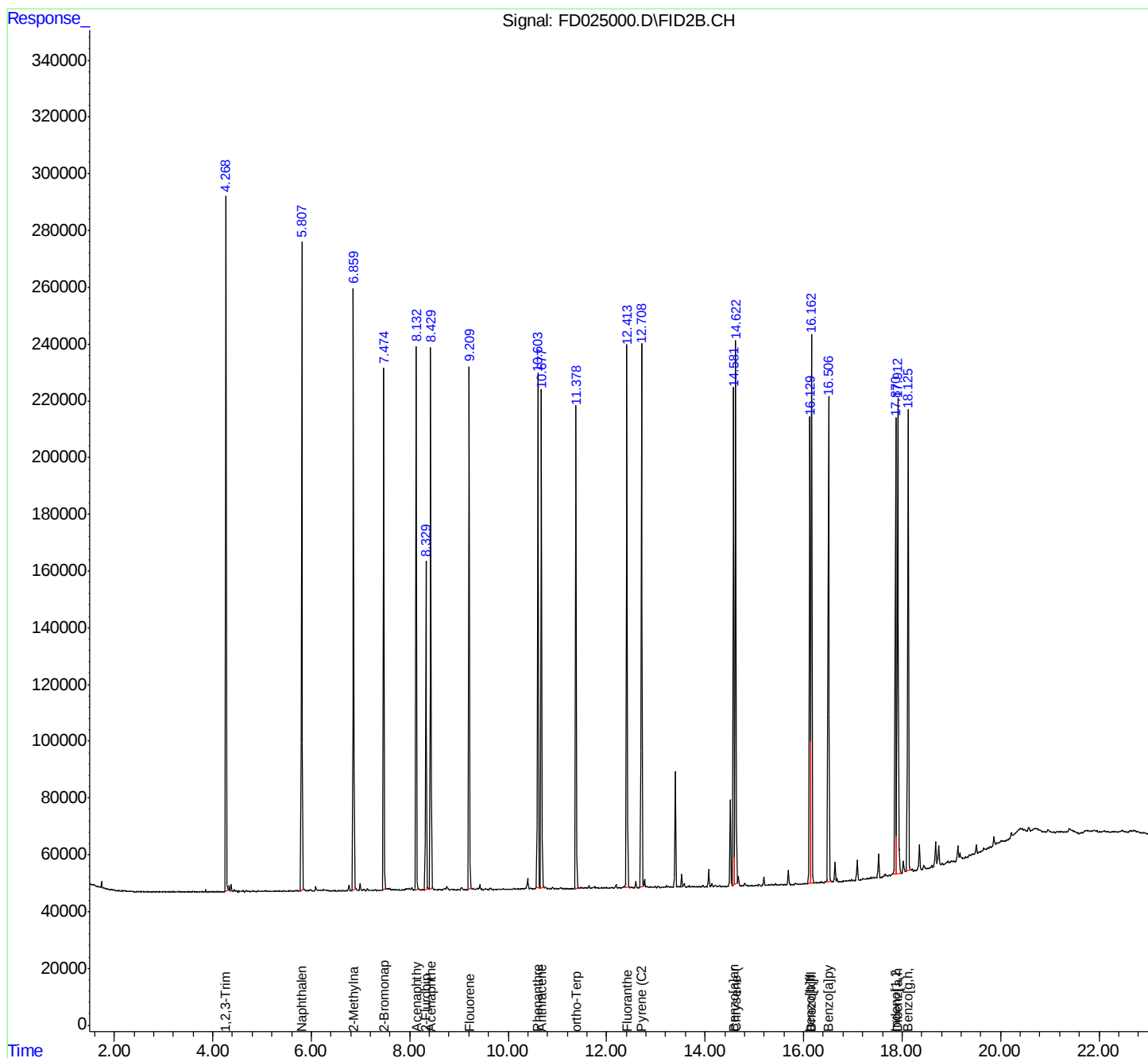
(f)=RT Delta > 1/2 Window

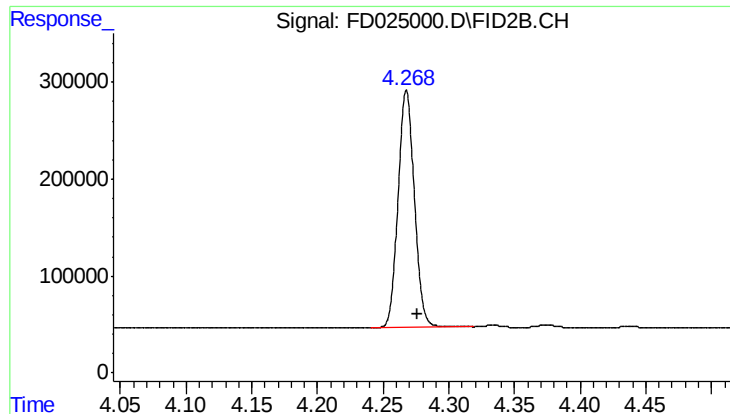
(m)=manual int.

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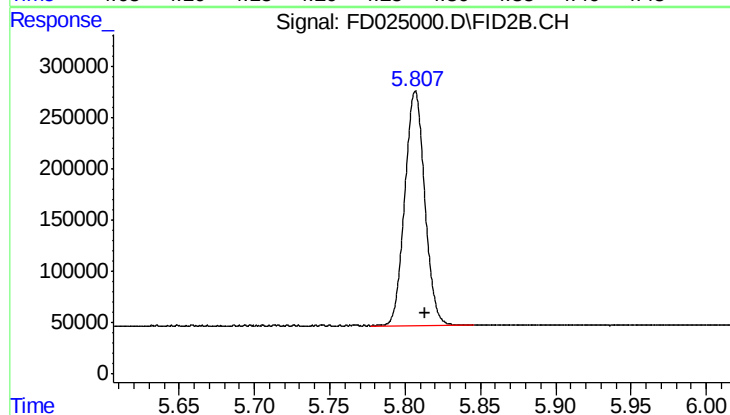
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Signal Info : 20M x 0.18mm x 0.18µm





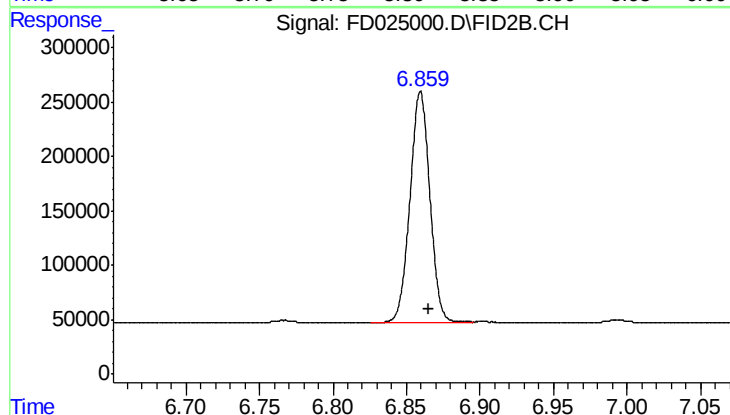
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.008 min
Response: 2120139
Conc: 22.81 ug/ml



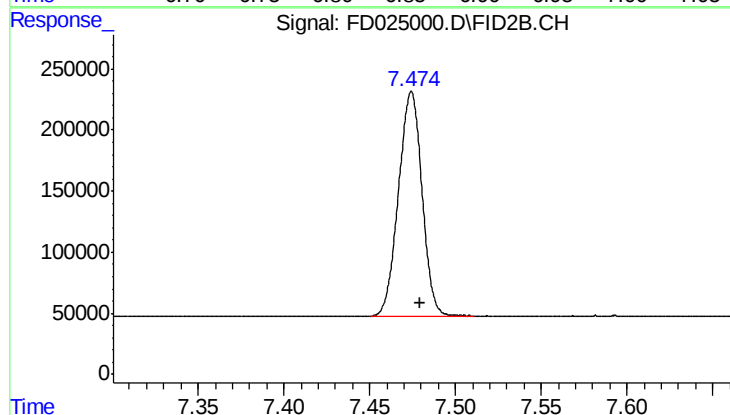
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.007 min
Response: 2105317
Conc: 20.75 ug/ml



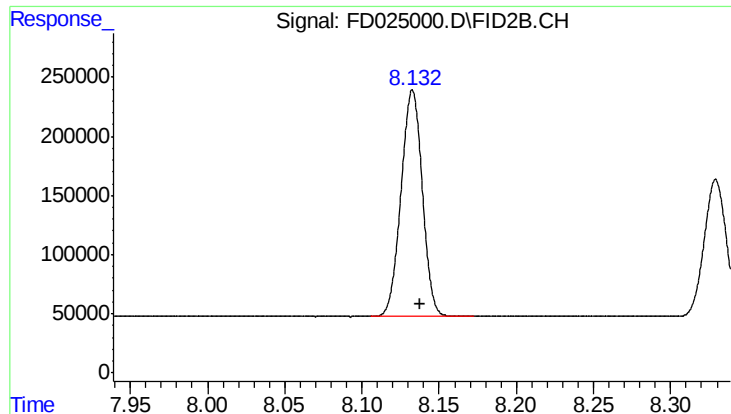
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 1993470
Conc: 19.61 ug/ml



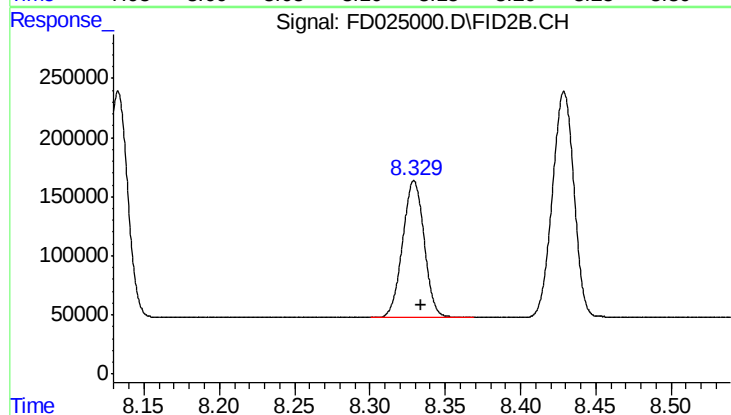
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1750980
Conc: 19.14 ug/ml



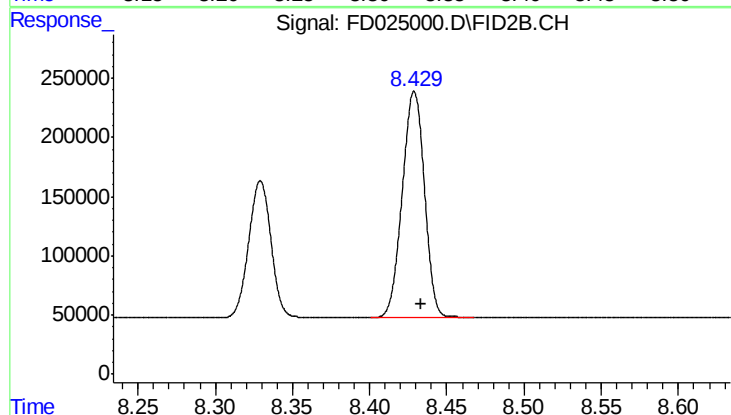
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: -0.005 min
Response: 1833036
Conc: 18.36 ug/ml



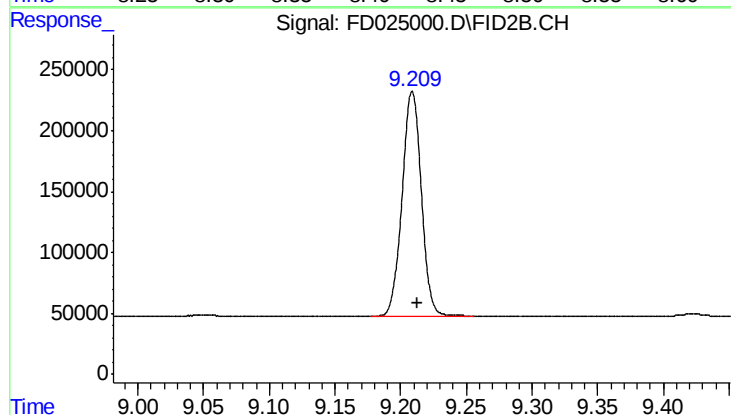
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.329 min
Delta R.T.: -0.004 min
Response: 1157479
Conc: 18.25 ug/ml



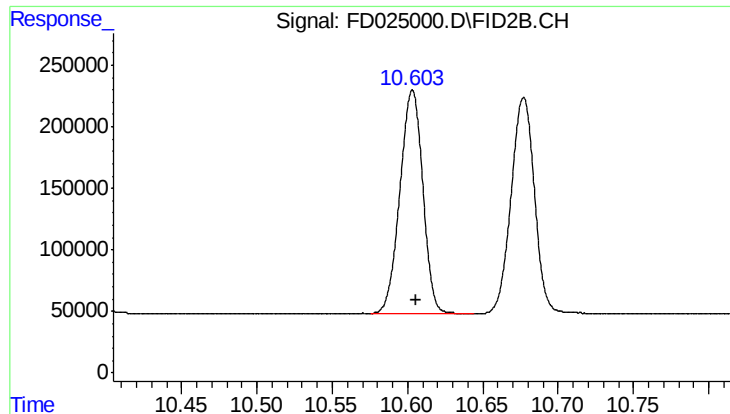
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.004 min
Response: 1904509
Conc: 18.23 ug/ml



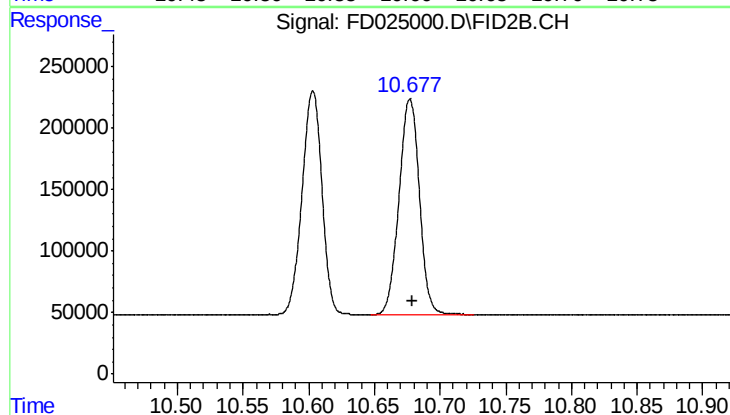
#8 Fluorene (C16.55)

R.T.: 9.209 min
Delta R.T.: -0.004 min
Response: 1876377
Conc: 17.96 ug/ml



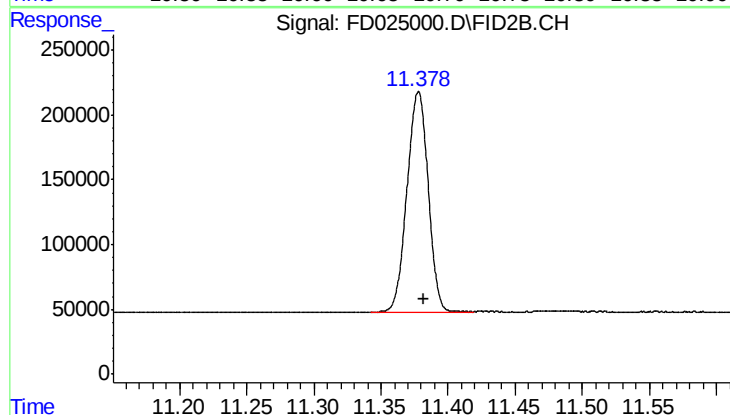
#9 Phenanthrene (C19.36)

R.T.: 10.603 min
Delta R.T.: -0.002 min
Response: 1914187
Conc: 18.62 ug/ml



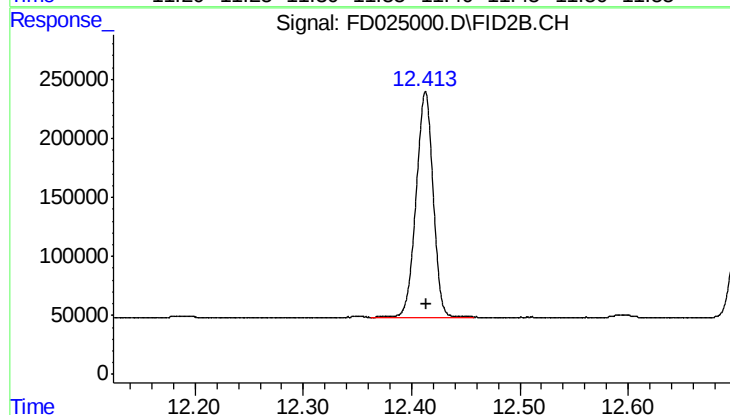
#10 Anthracene (C19.43)

R.T.: 10.677 min
Delta R.T.: -0.002 min
Response: 1895532
Conc: 18.59 ug/ml



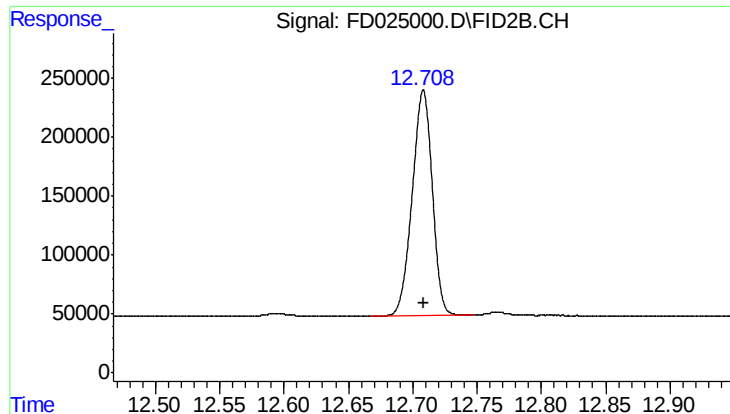
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.003 min
Response: 1865072
Conc: 18.58 ug/ml



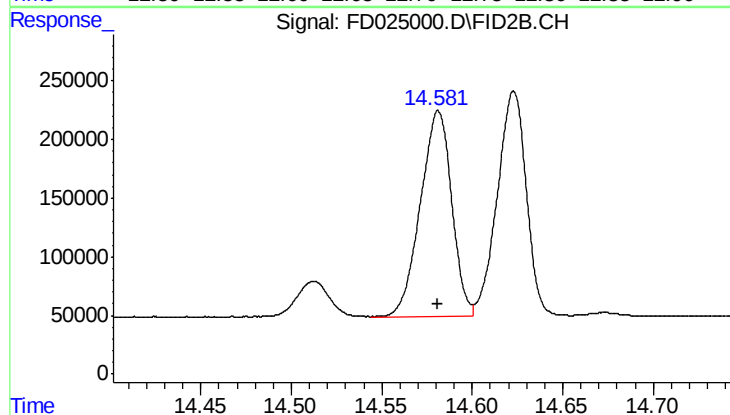
#12 Fluoranthene (C21.85)

R.T.: 12.413 min
Delta R.T.: -0.001 min
Response: 2071127
Conc: 20.77 ug/ml



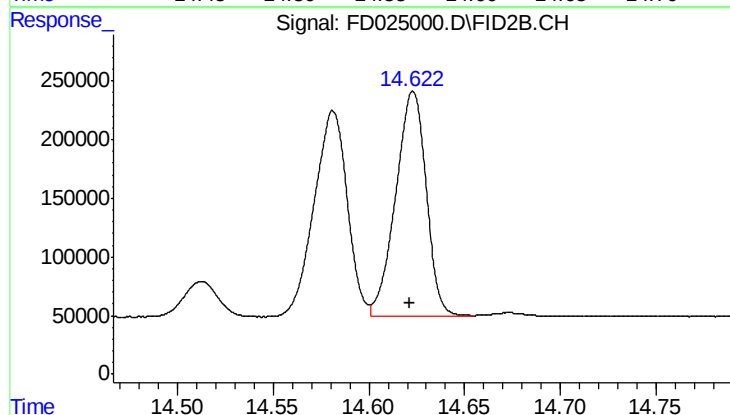
#13 Pyrene (C20.8)

R.T.: 12.708 min
Delta R.T.: 0.000 min
Response: 2086182
Conc: 20.98 ug/ml



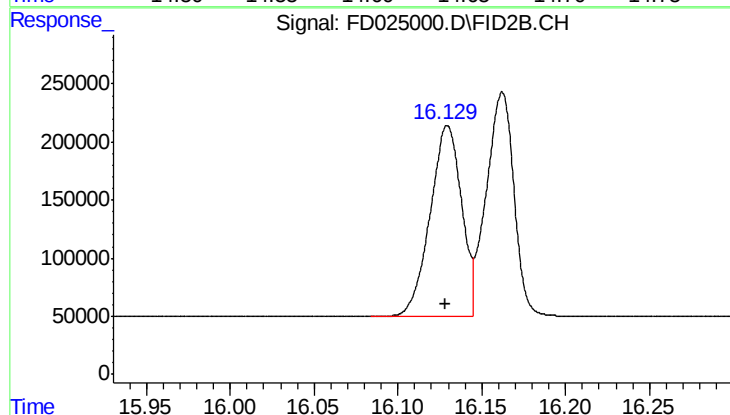
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: 0.000 min
Response: 2110110
Conc: 22.48 ug/ml



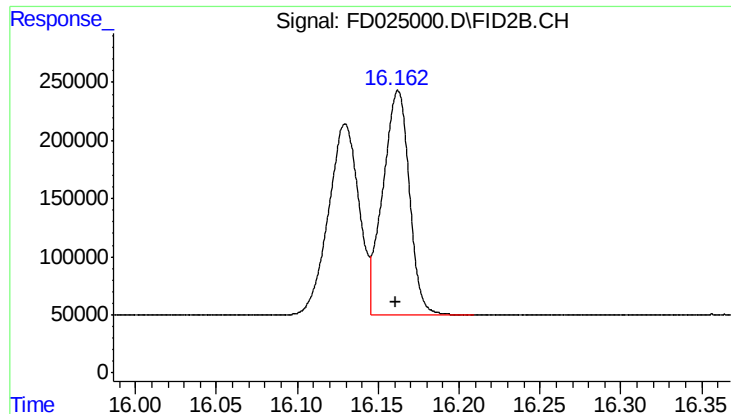
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.002 min
Response: 2131689
Conc: 22.53 ug/ml



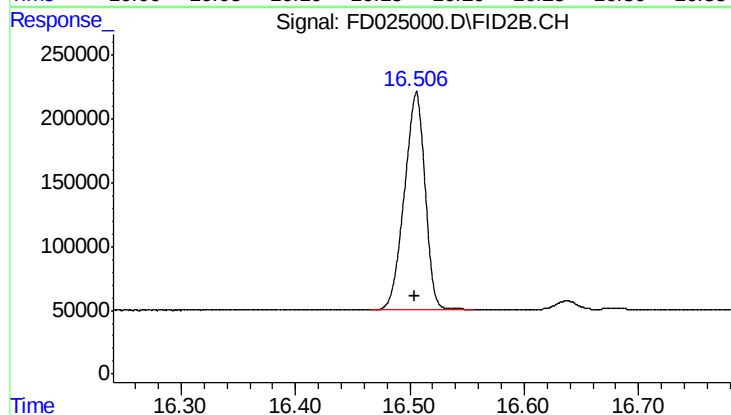
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 2151955
Conc: 20.81 ug/ml



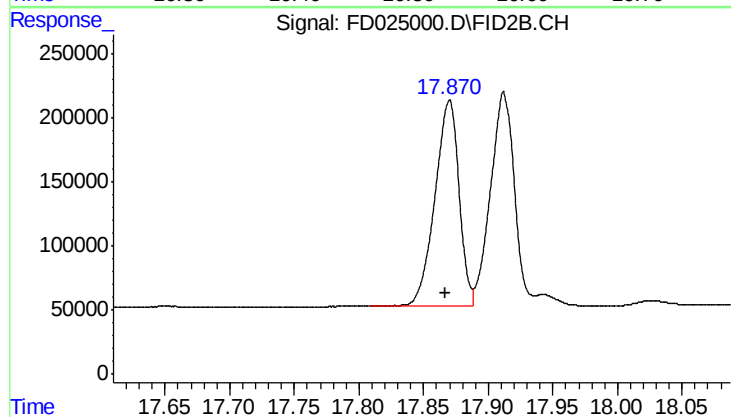
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.162 min
Delta R.T.: 0.002 min
Response: 2217446
Conc: 21.01 ug/ml



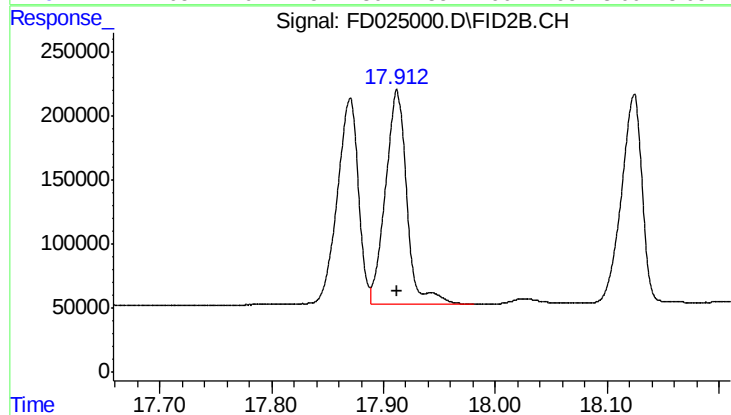
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.001 min
Response: 2140304
Conc: 20.60 ug/ml



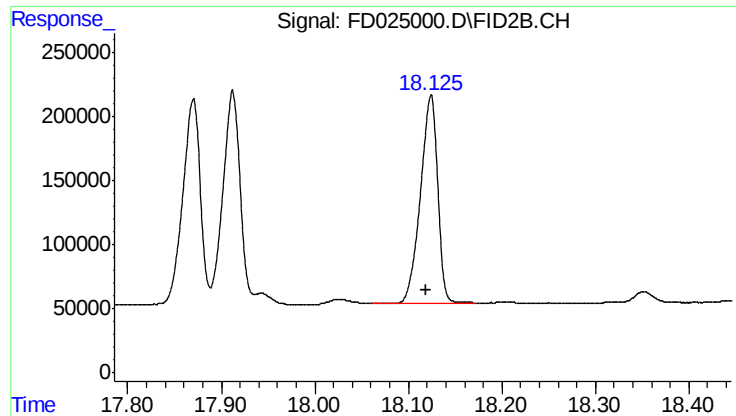
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: 0.003 min
Response: 2088031
Conc: 19.59 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.000 min
Response: 2217405
Conc: 21.20 ug/ml



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

R.T.: 18.124 min
Delta R.T.: 0.005 min
Response: 2073628
Conc: 19.52 ug/ml