

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025007.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 10:22
 Operator : AJ\SJ
 Sample : AR IDOC WATER 02
 Misc : FOR SJ
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 15:53:25 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	4504637	49.243 ug/ml
Spiked Amount 50.000		Recovery =	98.49%
6) S 2-Fluorobiphenyl (SURR)	8.332	2988585	47.122 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.24%
11) S ortho-Terphenyl (SURR)	11.380	4599705	45.834 ug/ml
Spiked Amount 50.000		Recovery =	91.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	3184910	34.269 ug/ml
2) T Naphthalene (C11.7)	5.807	4262106	42.002 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	4437968	43.649 ug/ml
5) T Acenaphthylene (C15.06)	8.135	4343445	43.500 ug/ml
7) T Acenaphthene (C15.5)	8.432	4523890	43.307 ug/ml
8) T Flouorene (C16.55)	9.212	4592998	43.958 ug/ml
9) T Phenanthrene (C19.36)	10.607	4889765	47.558 ug/ml
10) T Anthracene (C19.43)	10.682	4870699	47.775 ug/ml
12) T Fluoranthene (C21.85)	12.417	5213884	52.290 ug/ml
13) T Pyrene (C20.8)	12.713	5176046	52.053 ug/ml
14) T Benzo[a]anthracene (C...	14.587	5362302	57.118 ug/ml
15) T Chrysene (C27.41)	14.631	5278471	55.796 ug/ml
16) T benzo[b]fluoranthene ...	16.136	5382144	52.047 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	5286797	50.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	5304667	51.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	5187565	48.669 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	5210631	49.820 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	5178211	48.752 ug/ml

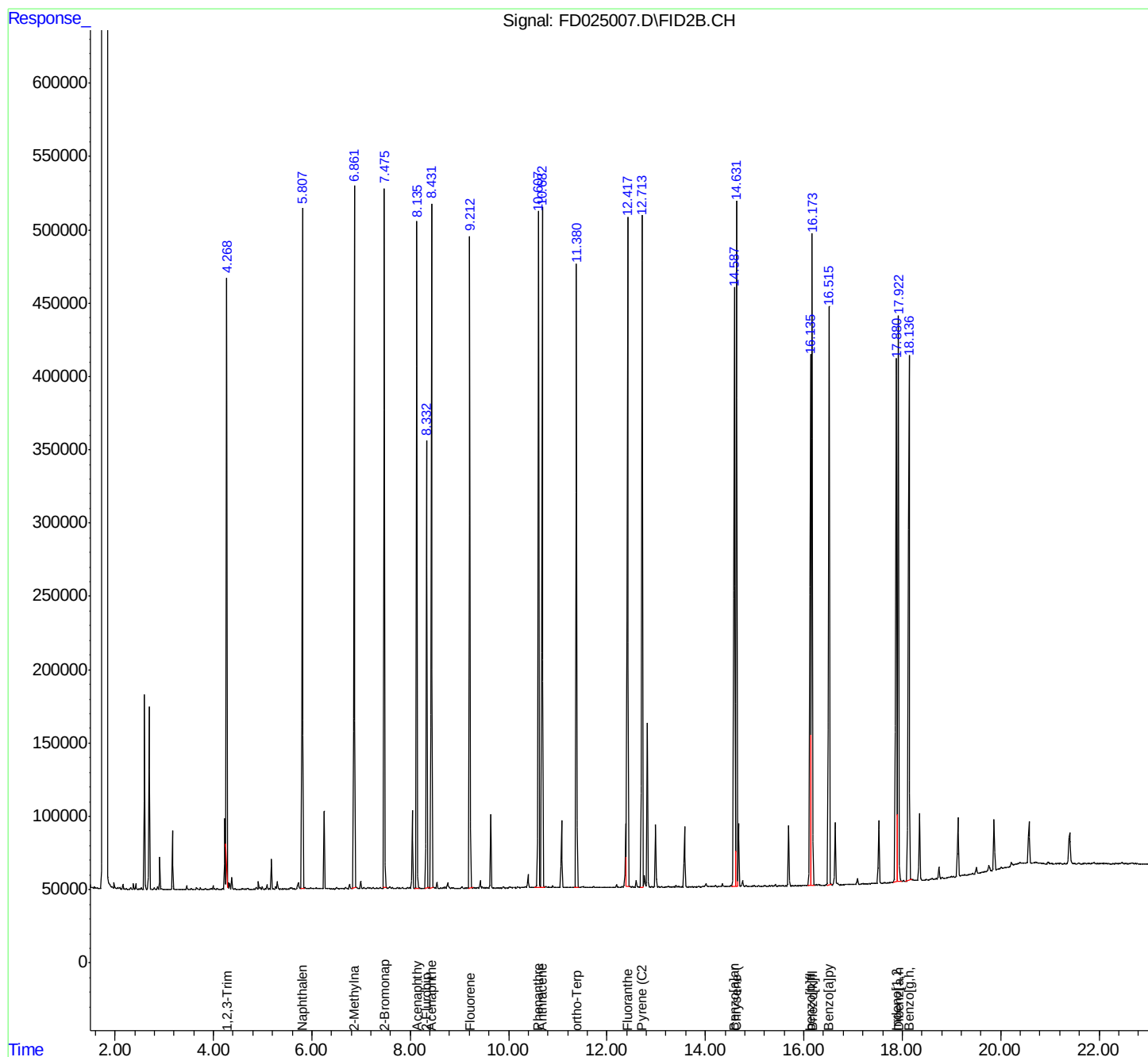
(f)=RT Delta > 1/2 Window

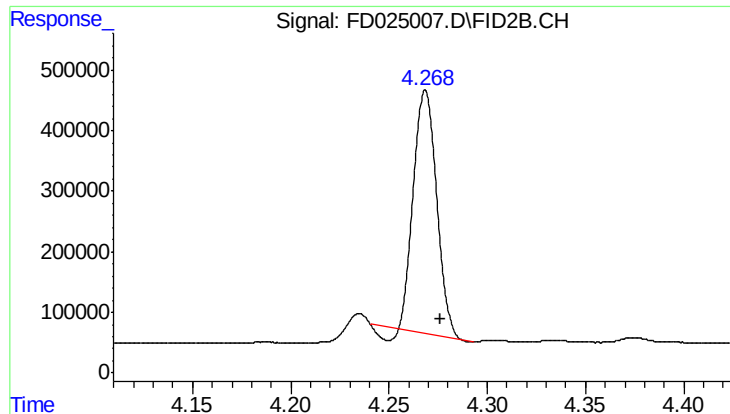
(m)=manual int.

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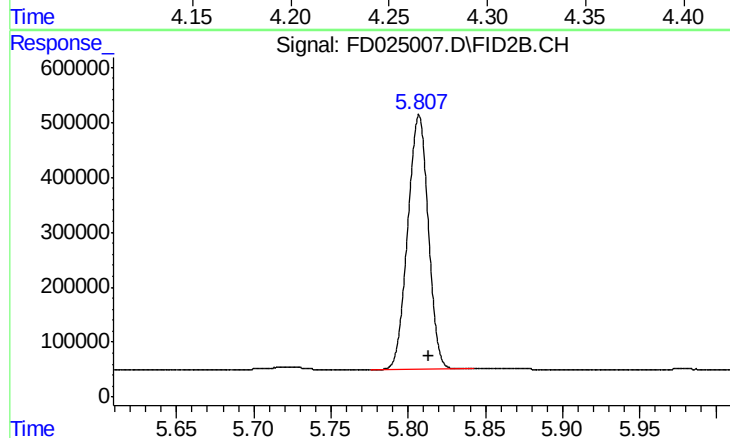
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Signal Info : 20M x 0.18mm x 0.18µm





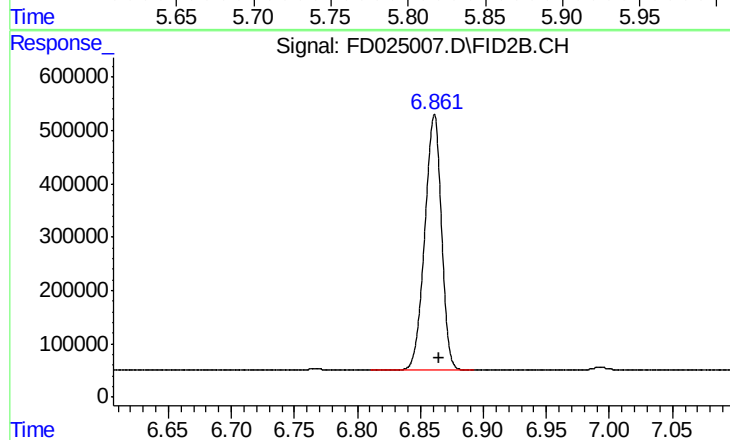
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.008 min
Response: 3184910
Conc: 34.27 ug/ml



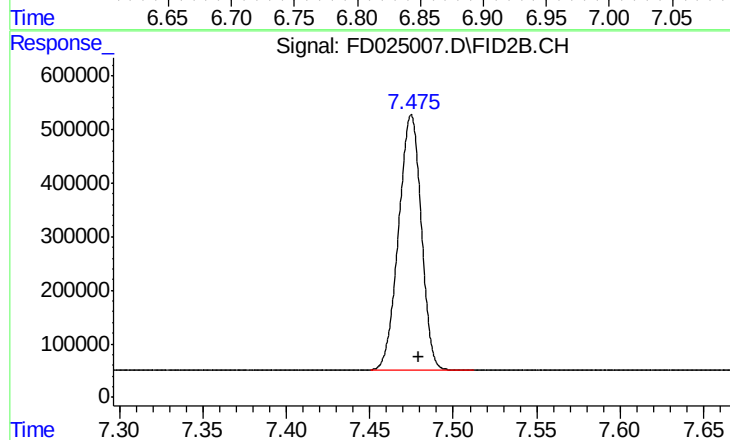
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 4262106
Conc: 42.00 ug/ml



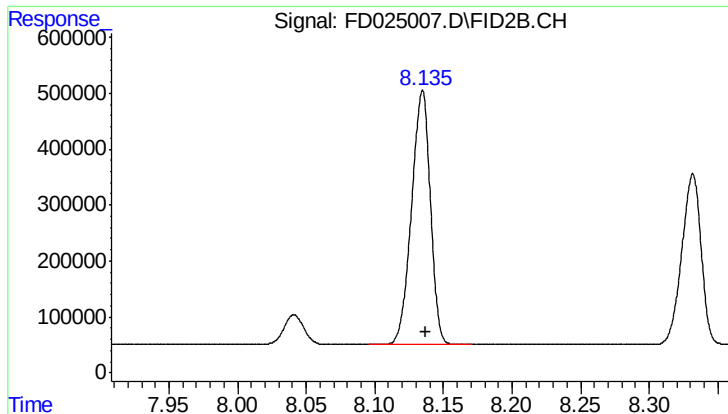
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 4437968
Conc: 43.65 ug/ml



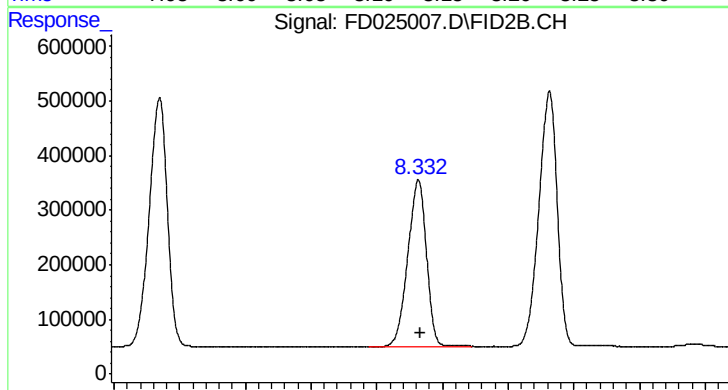
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: -0.005 min
Response: 4504637
Conc: 49.24 ug/ml



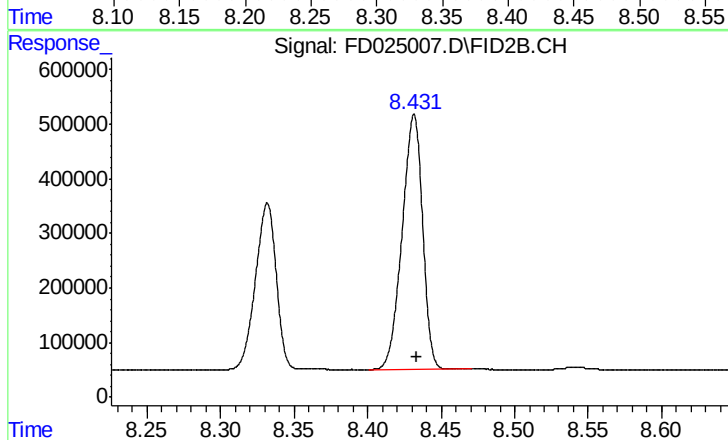
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 4343445
Conc: 43.50 ug/ml



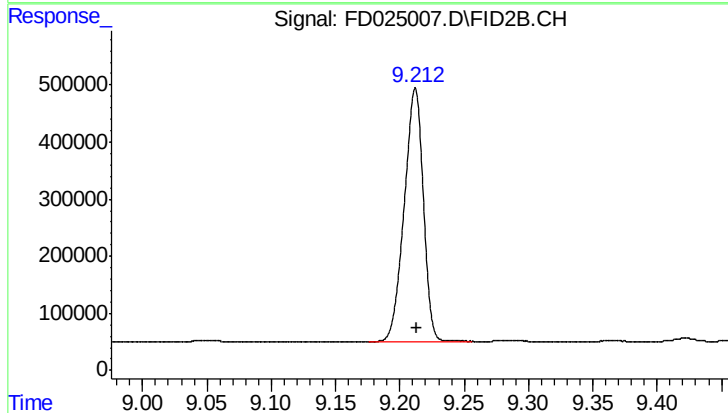
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 2988585
Conc: 47.12 ug/ml



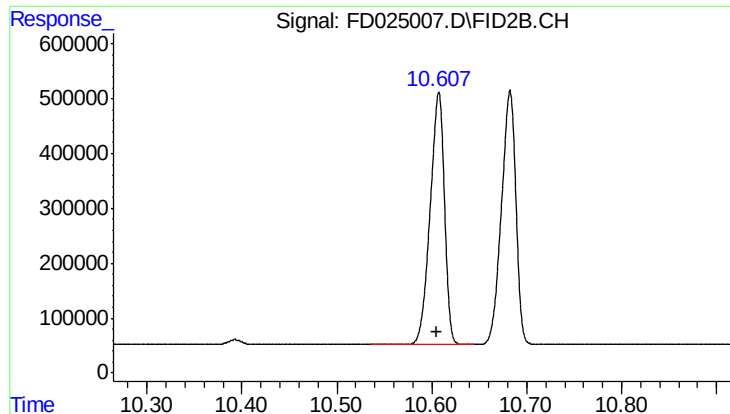
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.002 min
Response: 4523890
Conc: 43.31 ug/ml



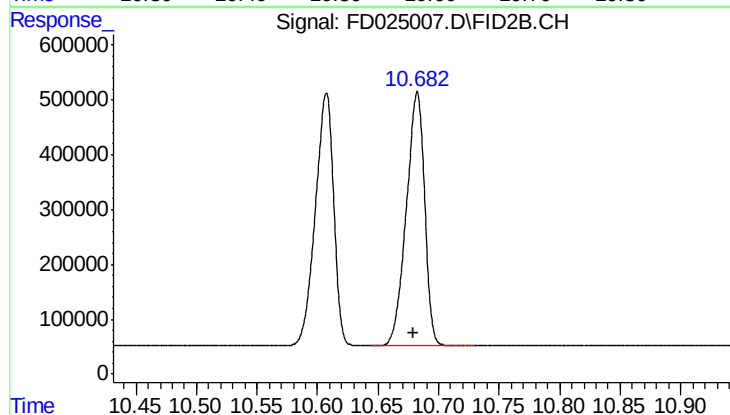
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 4592998
Conc: 43.96 ug/ml



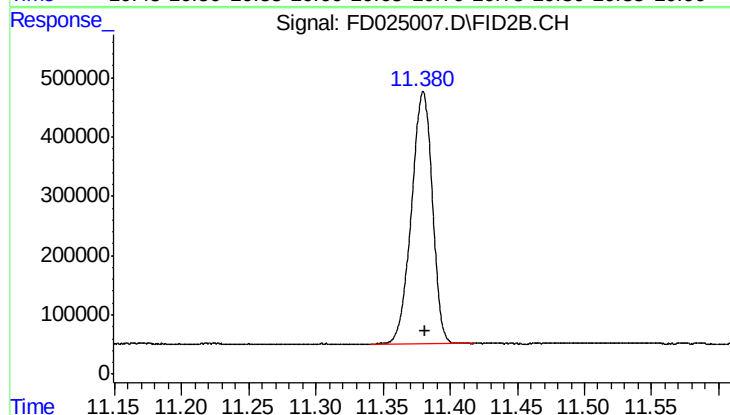
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: 0.002 min
Response: 4889765
Conc: 47.56 ug/ml



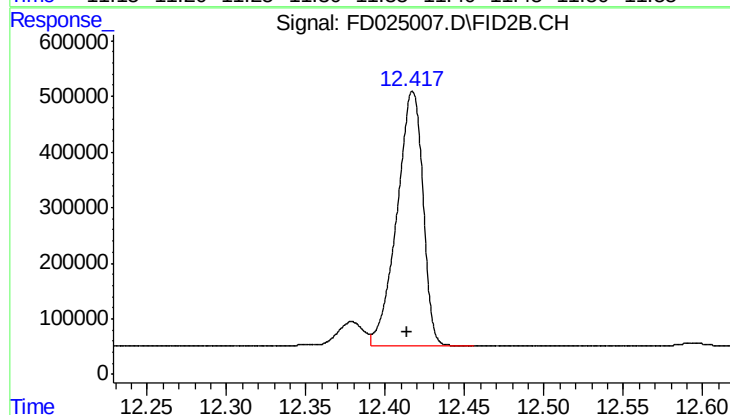
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.003 min
Response: 4870699
Conc: 47.77 ug/ml



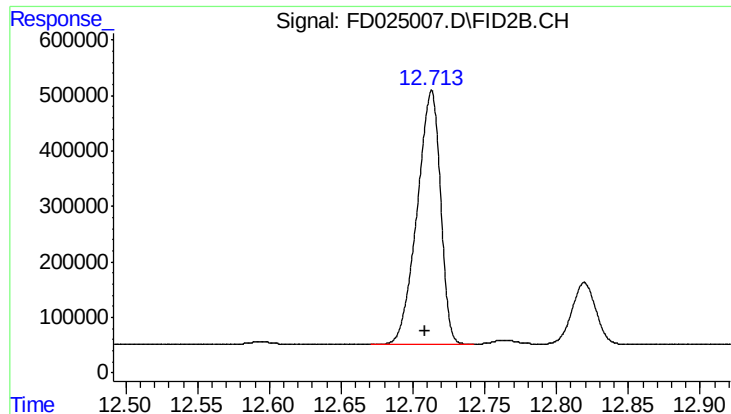
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.002 min
Response: 4599705
Conc: 45.83 ug/ml



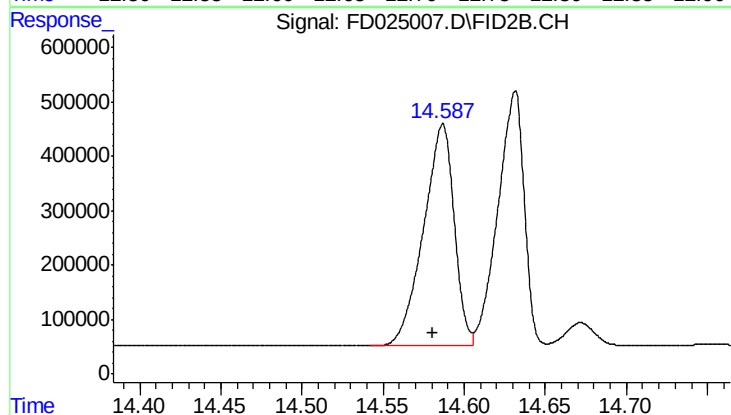
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: 0.003 min
Response: 5213884
Conc: 52.29 ug/ml



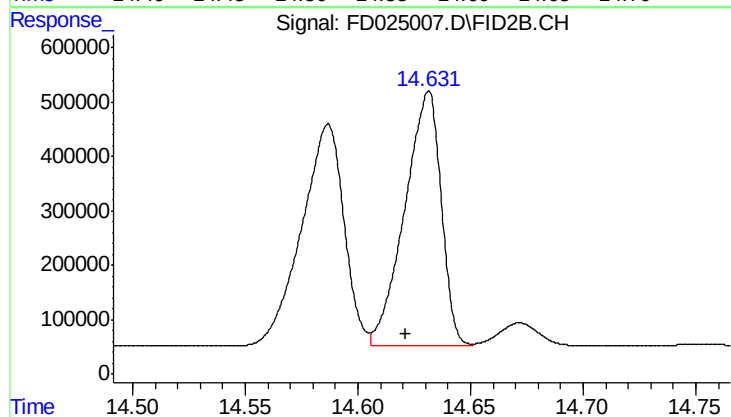
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.004 min
Response: 5176046
Conc: 52.05 ug/ml



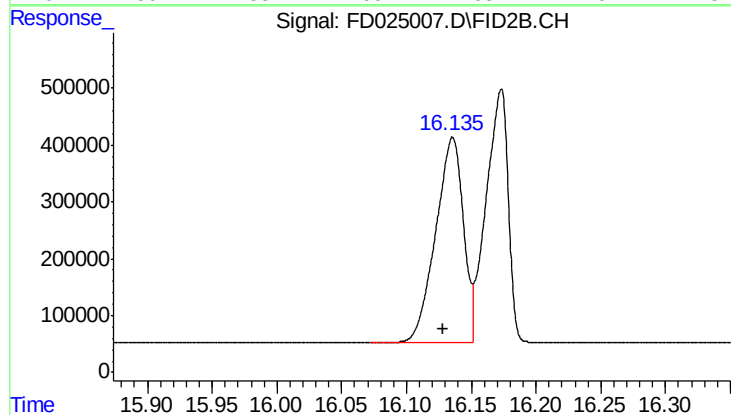
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.006 min
Response: 5362302
Conc: 57.12 ug/ml



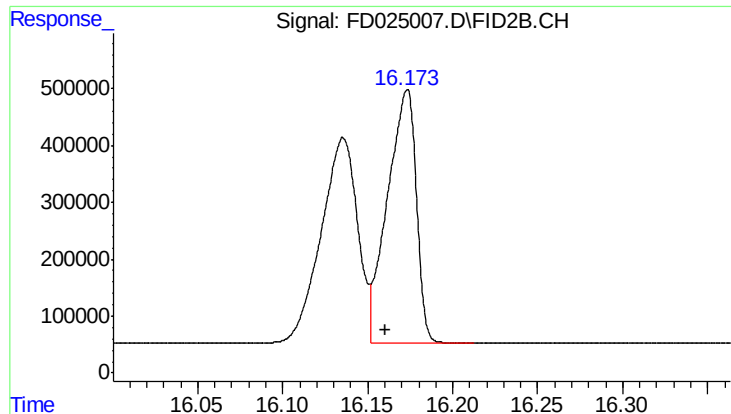
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: 0.010 min
Response: 5278471
Conc: 55.80 ug/ml



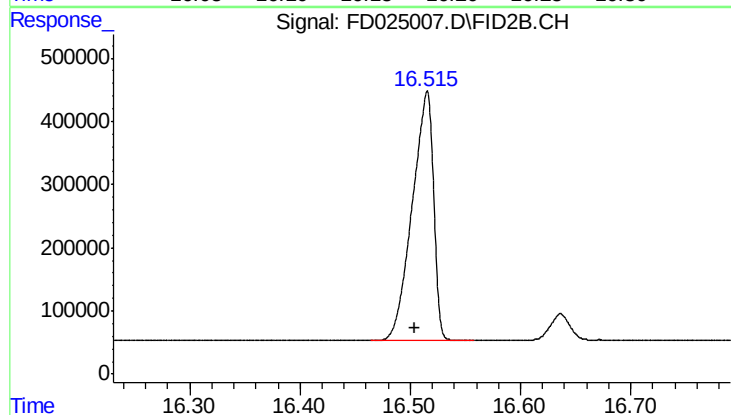
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.136 min
Delta R.T.: 0.007 min
Response: 5382144
Conc: 52.05 ug/ml



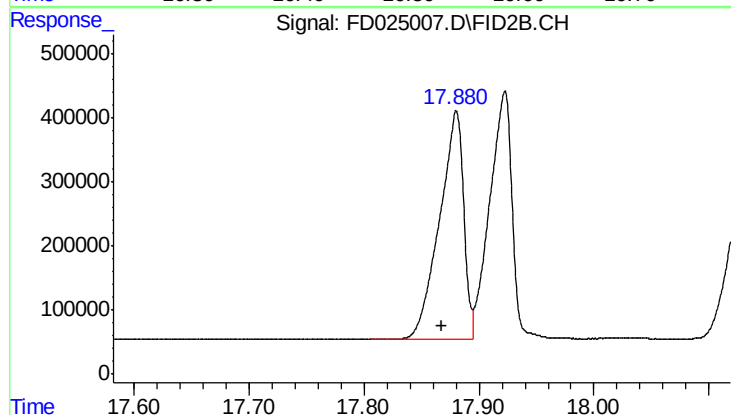
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.173 min
Delta R.T.: 0.013 min
Response: 5286797
Conc: 50.10 ug/ml



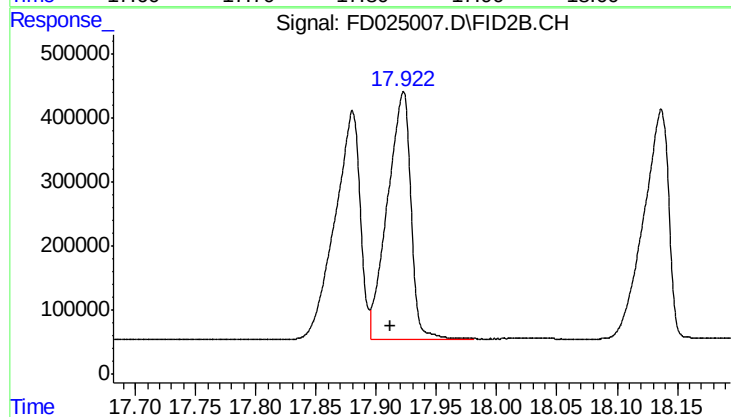
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: 0.011 min
Response: 5304667
Conc: 51.05 ug/ml



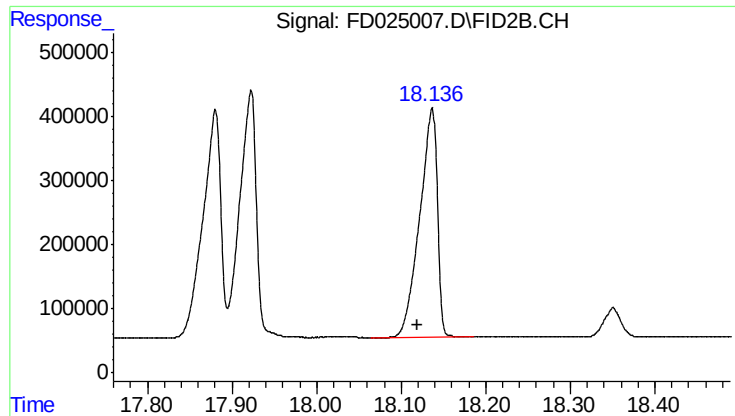
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: 0.013 min
Response: 5187565
Conc: 48.67 ug/ml



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

R.T.: 17.922 min
Delta R.T.: 0.011 min
Response: 5210631
Conc: 49.82 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.018 min
Response: 5178211
Conc: 48.75 ug/ml