

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071118AR\
 Data File : FD024961.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2018 3:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 08:00:09 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...	7.477	1628138	17.798 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
6) S 2-Fluorobiphenyl (SURR)	8.334	1089062	17.171 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.34%
11) S ortho-Terphenyl (SURR)	11.382	1783197	17.769 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	1906206	20.511 ug/ml
2) T Naphthalene (C11.7)	5.810	1941508	19.133 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	1850404	18.200 ug/ml
5) T Acenaphthylene (C15.06)	8.137	1725516	17.281 ug/ml
7) T Acenaphthene (C15.5)	8.433	1799186	17.224 ug/ml
8) T Fluorene (C16.55)	9.214	1786711	17.100 ug/ml
9) T Phenanthrene (C19.36)	10.608	1832752	17.825 ug/ml
10) T Anthracene (C19.43)	10.683	1826609	17.917 ug/ml
12) T Fluoranthene (C21.85)	12.418	1979119	19.848 ug/ml
13) T Pyrene (C20.8)	12.714	1991949	20.032 ug/ml
14) T Benzo[alanthracene (C...	14.587	1997230	21.274 ug/ml
15) T Chrysene (C27.41)	14.628	2010012	21.247 ug/ml
16) T benzo[b]fluoranthene ...	16.135	2038036	19.708 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	2081981	19.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	2033515	19.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	1987842	18.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	2076976	19.858 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.130	1964618	18.496 ug/ml

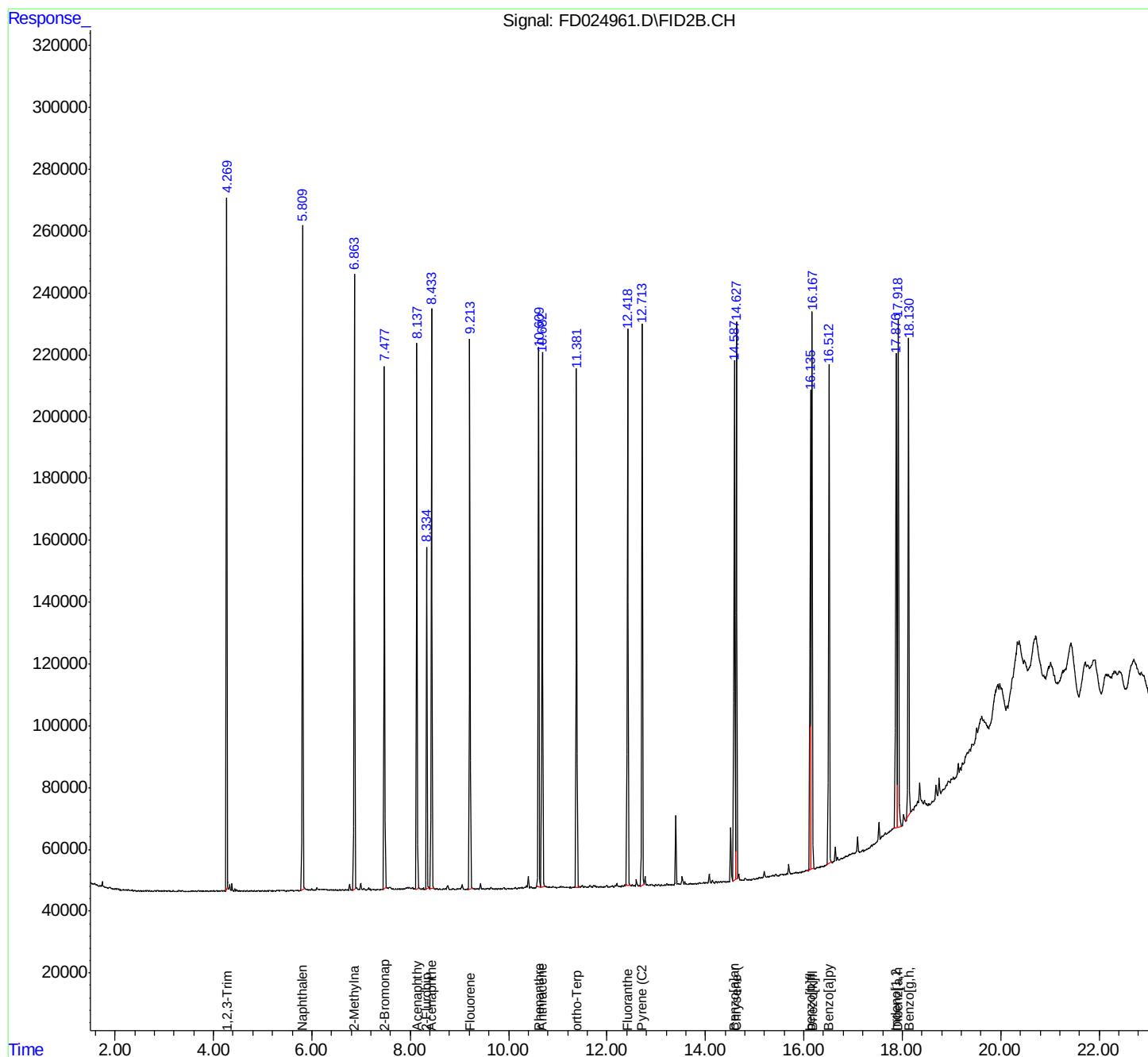
(f)=RT Delta > 1/2 Window

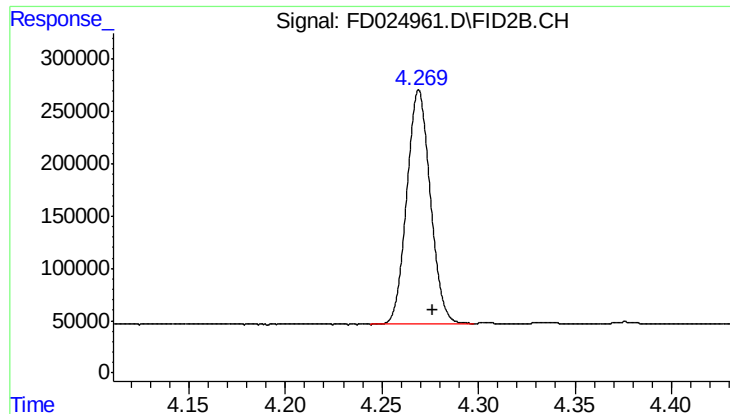
(m)=manual int.

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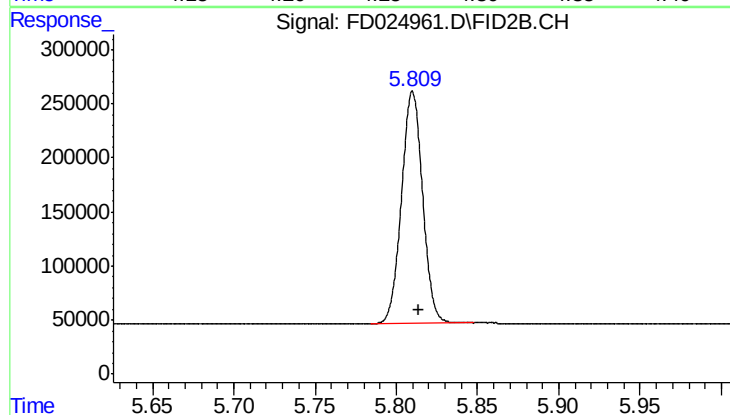
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Signal Info : 20M x 0.18mm x 0.18µm





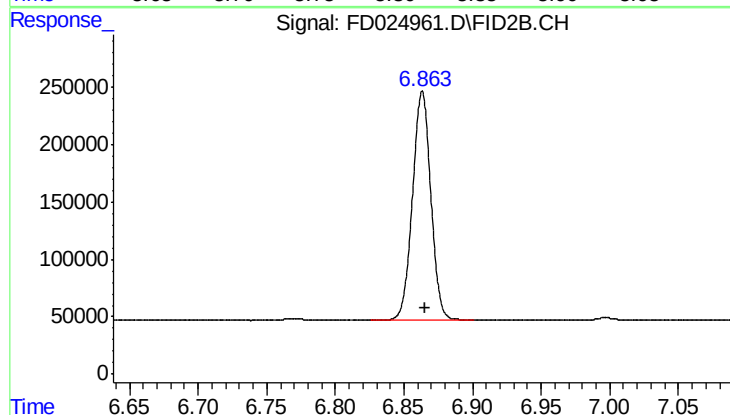
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.007 min
Response: 1906206
Conc: 20.51 ug/ml



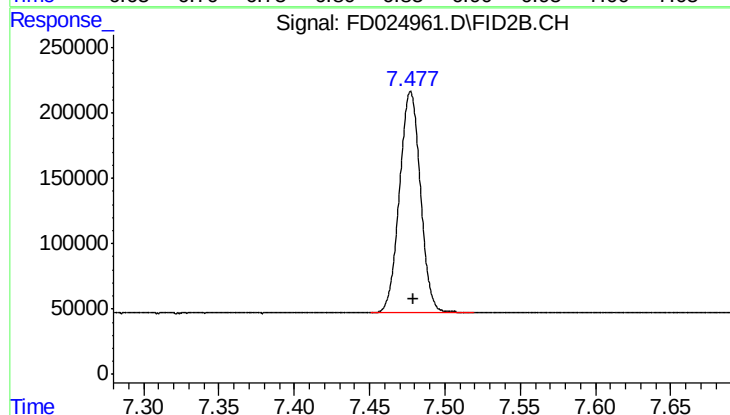
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 1941508
Conc: 19.13 ug/ml



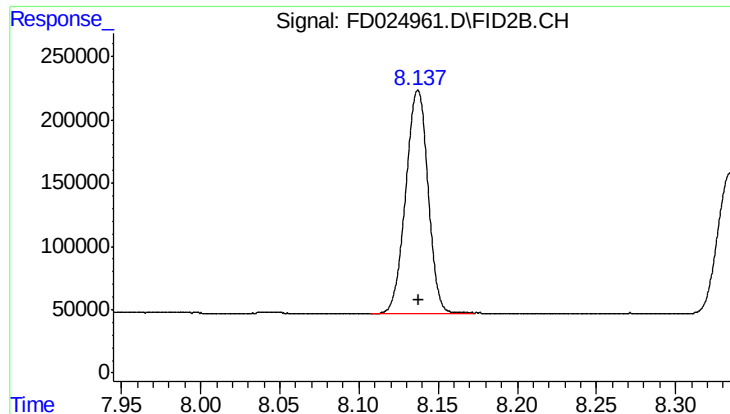
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 1850404
Conc: 18.20 ug/ml



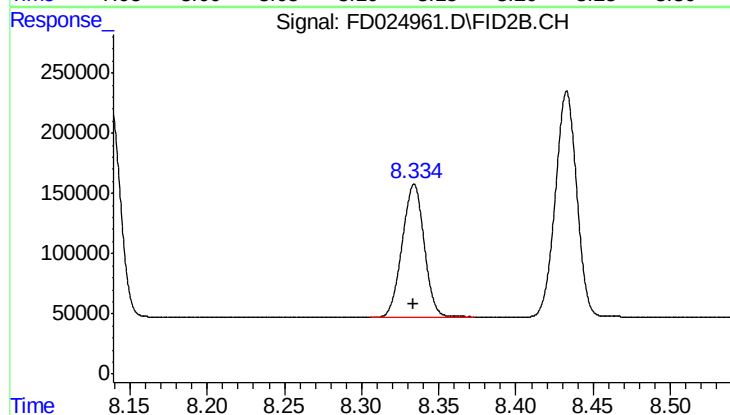
#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: -0.002 min
Response: 1628138
Conc: 17.80 ug/ml



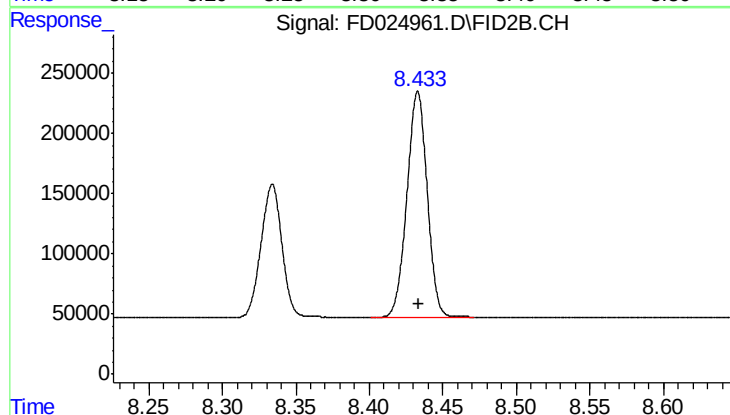
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 1725516
Conc: 17.28 ug/ml



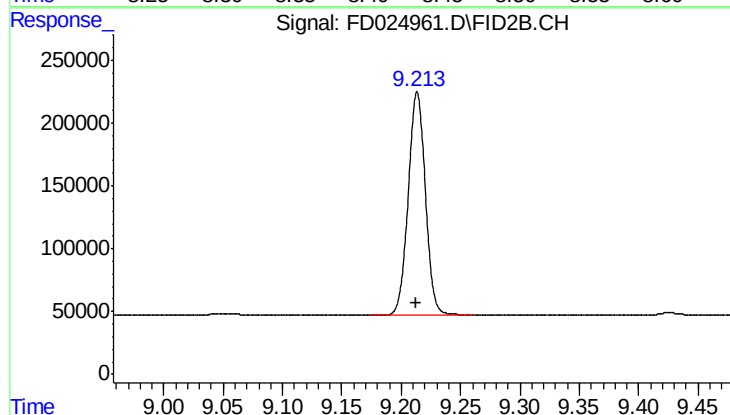
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 1089062
Conc: 17.17 ug/ml



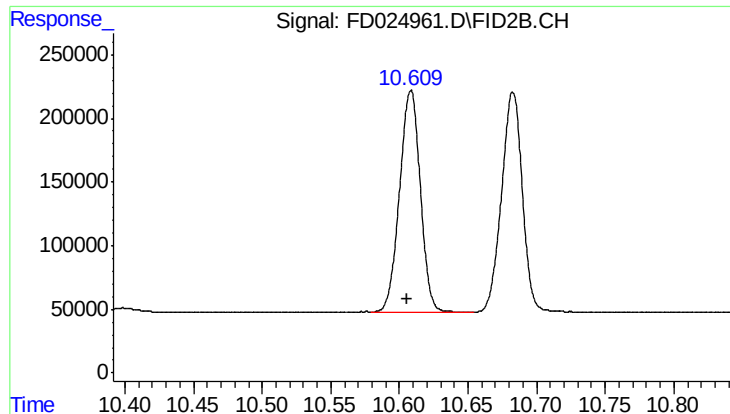
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 1799186
Conc: 17.22 ug/ml



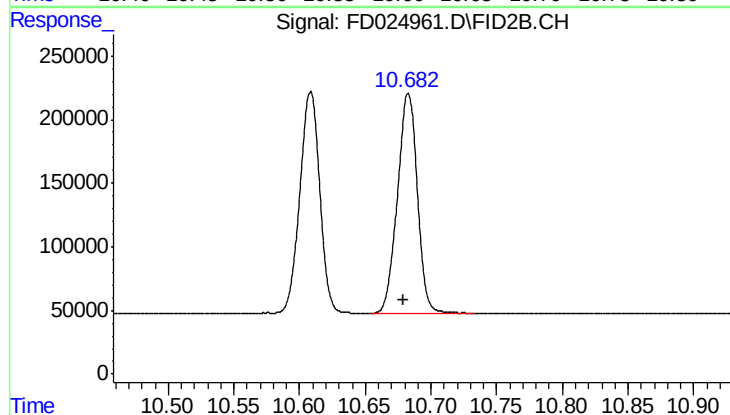
#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 1786711
Conc: 17.10 ug/ml



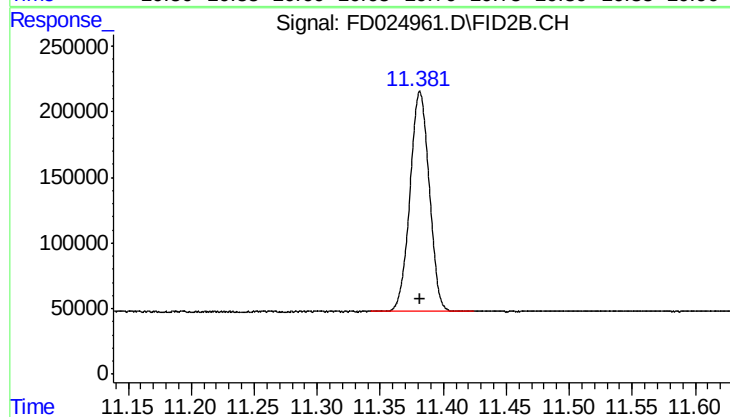
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: 0.003 min
Response: 1832752
Conc: 17.83 ug/ml



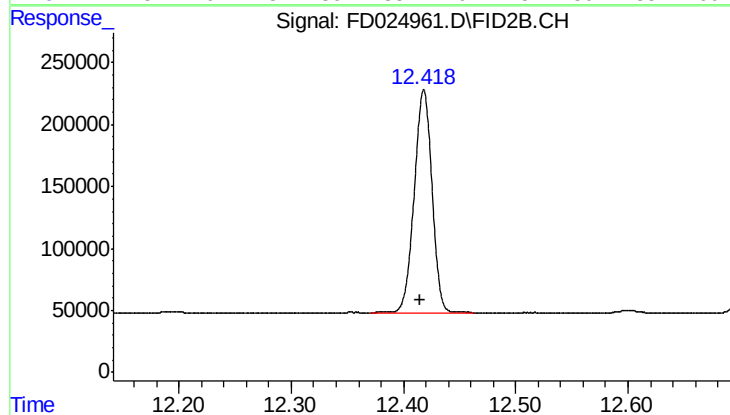
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.004 min
Response: 1826609
Conc: 17.92 ug/ml



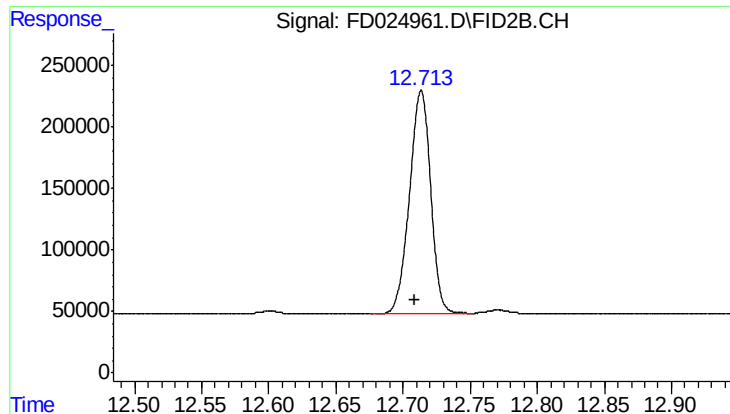
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.000 min
Response: 1783197
Conc: 17.77 ug/ml



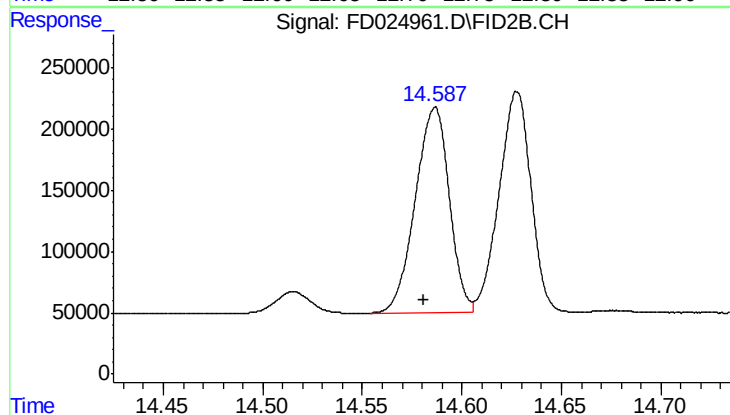
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: 0.004 min
Response: 1979119
Conc: 19.85 ug/ml



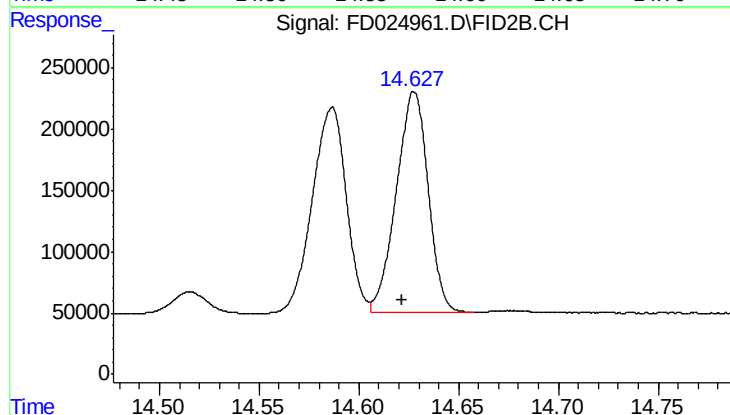
#13 Pyrene (C20.8)

R.T.: 12.714 min
Delta R.T.: 0.005 min
Response: 1991949
Conc: 20.03 ug/ml



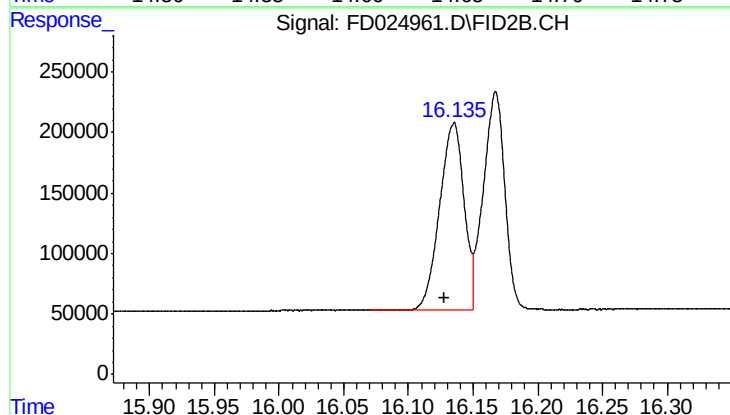
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.006 min
Response: 1997230
Conc: 21.27 ug/ml



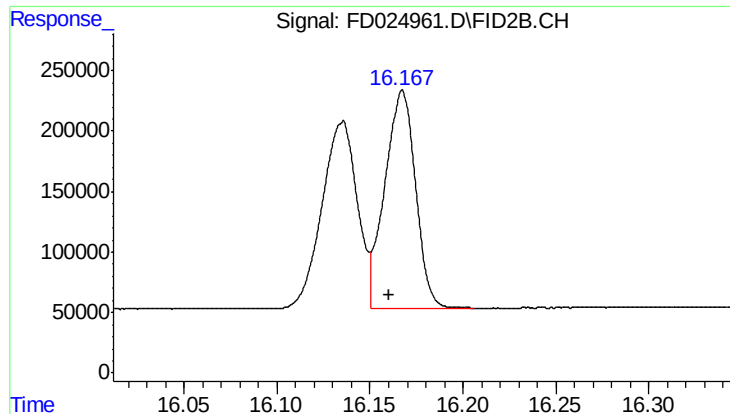
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.006 min
Response: 2010012
Conc: 21.25 ug/ml



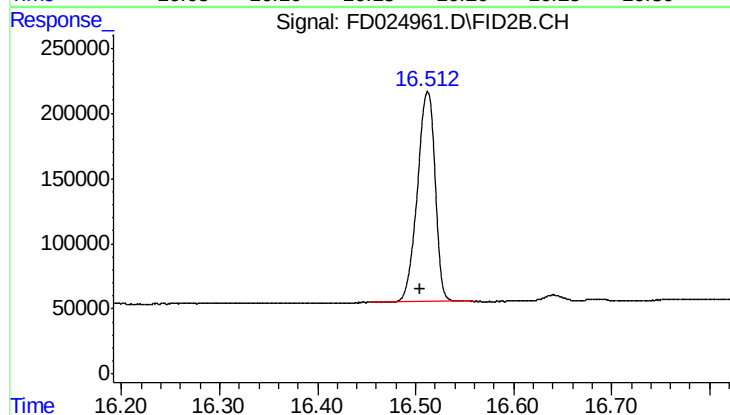
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.007 min
Response: 2038036
Conc: 19.71 ug/ml



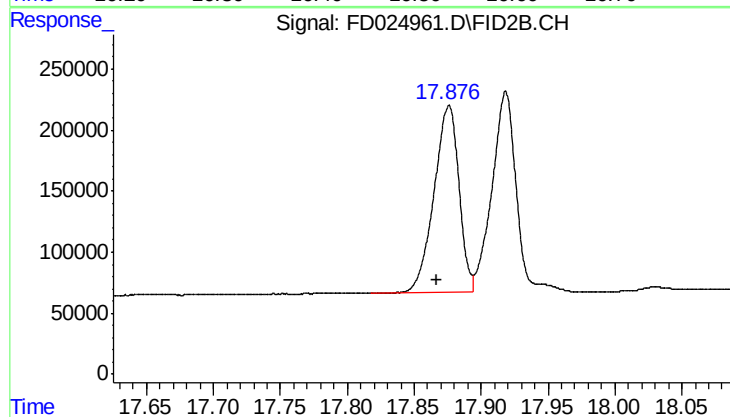
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.167 min
Delta R.T.: 0.007 min
Response: 2081981
Conc: 19.73 ug/ml



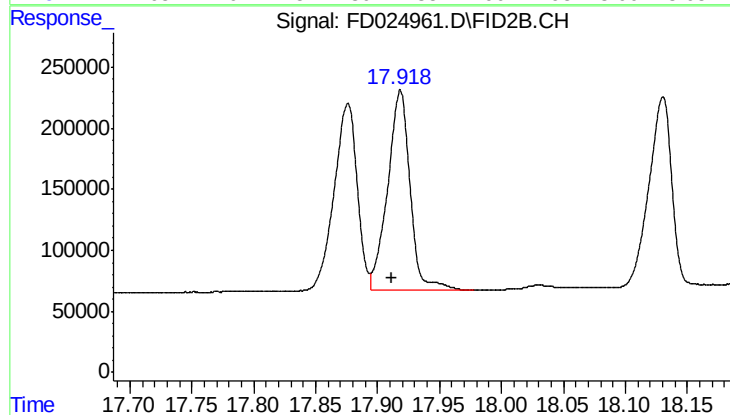
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.008 min
Response: 2033515
Conc: 19.57 ug/ml



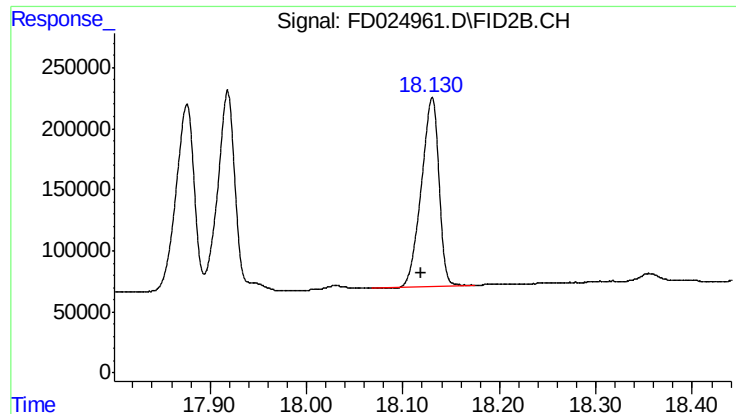
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: 0.009 min
Response: 1987842
Conc: 18.65 ug/ml



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

R.T.: 17.918 min
Delta R.T.: 0.007 min
Response: 2076976
Conc: 19.86 ug/ml



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

R.T.: 18.130 min
Delta R.T.: 0.011 min
Response: 1964618
Conc: 18.50 ug/ml