

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071018AR\
 Data File : FD024931.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2018 7:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 11 08:48:15 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...	7.476	1816849	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
6) S 2-Fluorobiphenyl (SURR)	8.332	1180405	18.612 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.22%
11) S ortho-Terphenyl (SURR)	11.381	1820115	18.137 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	1993187	21.446 ug/ml
2) T Naphthalene (C11.7)	5.808	2120687	20.899 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	2048136	20.144 ug/ml
5) T Acenaphthylene (C15.06)	8.135	1880987	18.838 ug/ml
7) T Acenaphthene (C15.5)	8.431	1953149	18.698 ug/ml
8) T Fluorene (C16.55)	9.212	1891424	18.102 ug/ml
9) T Phenanthrene (C19.36)	10.605	1845745	17.952 ug/ml
10) T Anthracene (C19.43)	10.680	1830247	17.952 ug/ml
12) T Fluoranthene (C21.85)	12.416	1932716	19.383 ug/ml
13) T Pyrene (C20.8)	12.711	1949475	19.605 ug/ml
14) T Benzo[alanthracene (C...	14.585	1975142	21.039 ug/ml
15) T Chrysene (C27.41)	14.627	1986845	21.002 ug/ml
16) T benzo[b]fluoranthene ...	16.135	2038367	19.712 ug/ml
17) T Benzo[k]fluoranthene ...	16.166	2064355	19.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	2036195	19.594 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	2007603	18.835 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	2051503	19.615 ug/ml
21) T Benzo[a,h,i]perylene ...	18.129	2004131	18.868 ug/ml

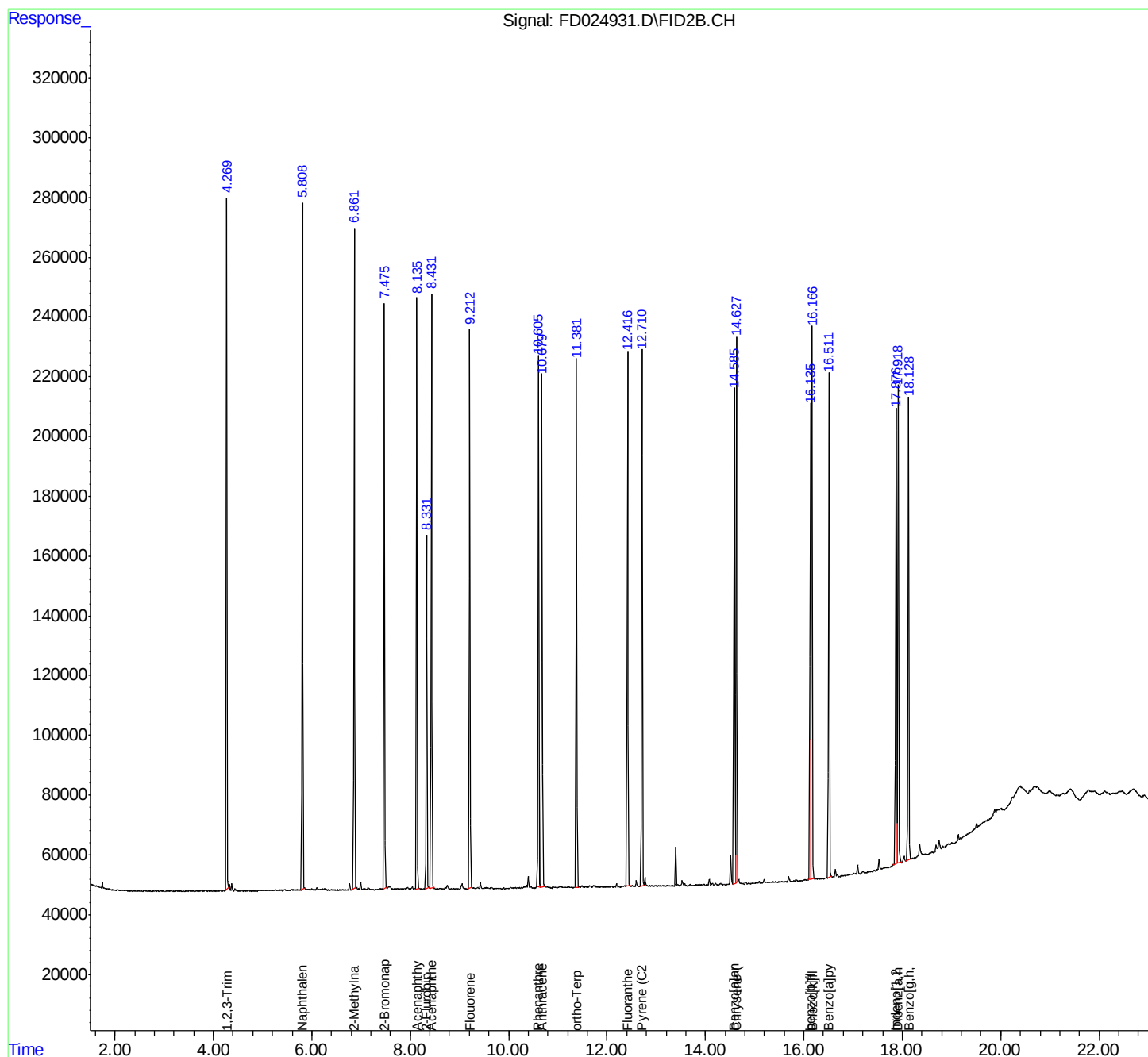
(f)=RT Delta > 1/2 Window

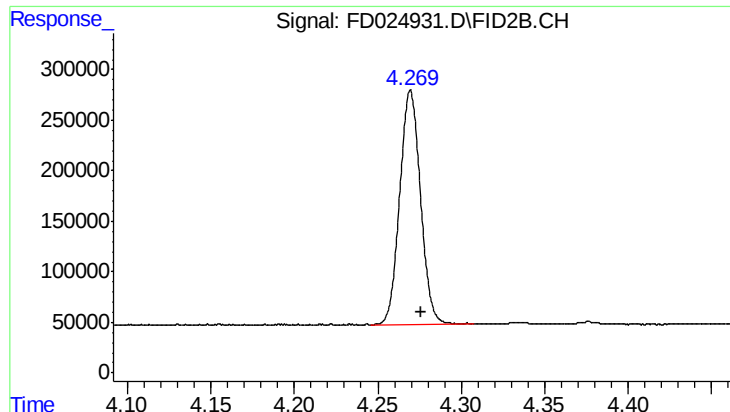
(m)=manual int.

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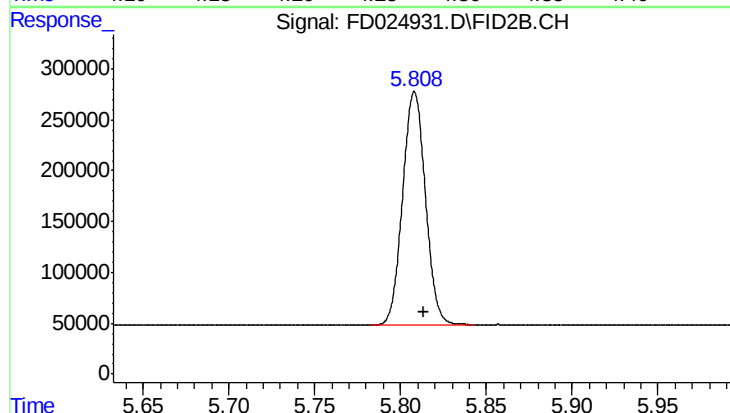
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Signal Info : 20M x 0.18mm x 0.18µm





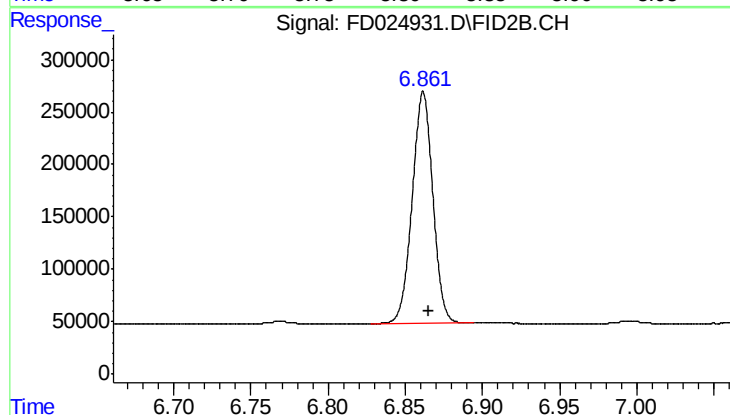
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: -0.007 min
Response: 1993187
Conc: 21.45 ug/ml



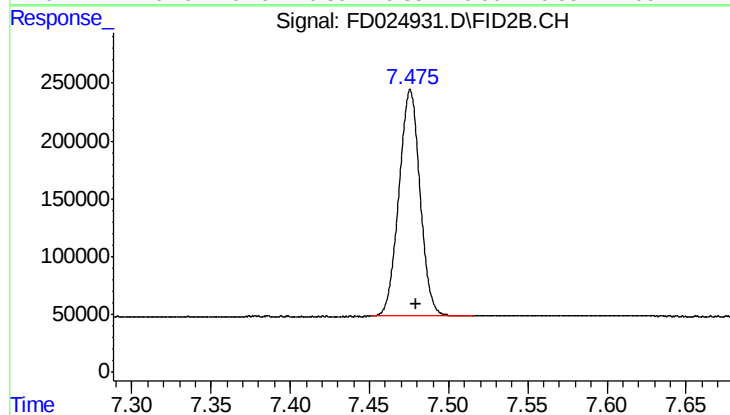
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 2120687
Conc: 20.90 ug/ml



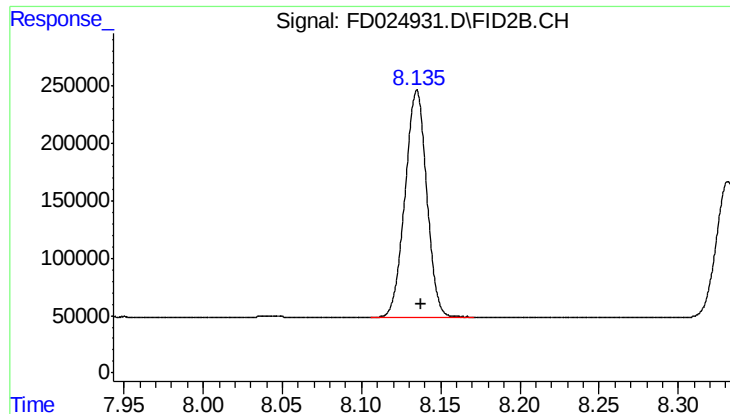
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 2048136
Conc: 20.14 ug/ml



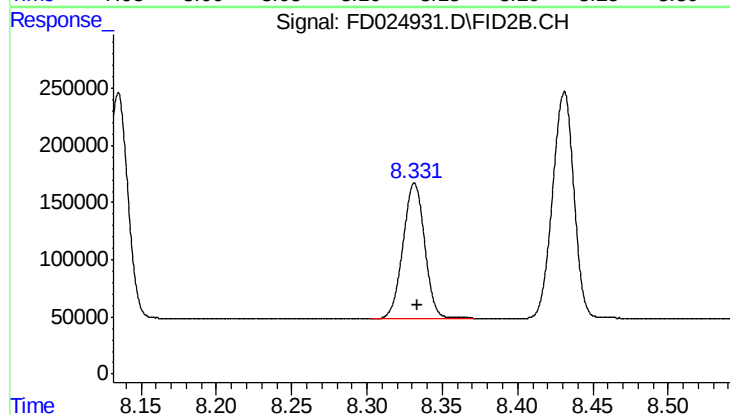
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.004 min
Response: 1816849
Conc: 19.86 ug/ml



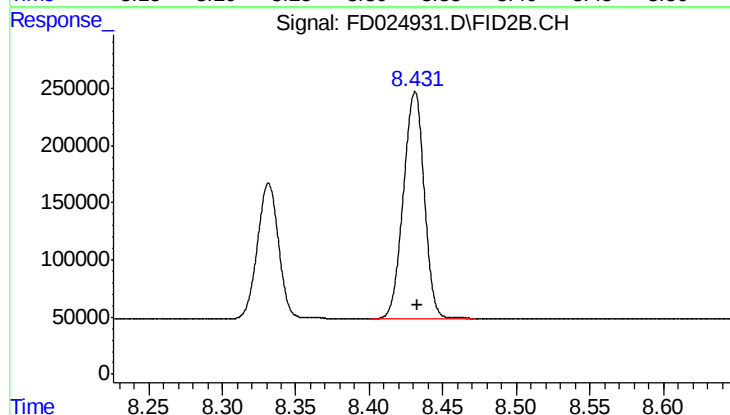
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 1880987
Conc: 18.84 ug/ml



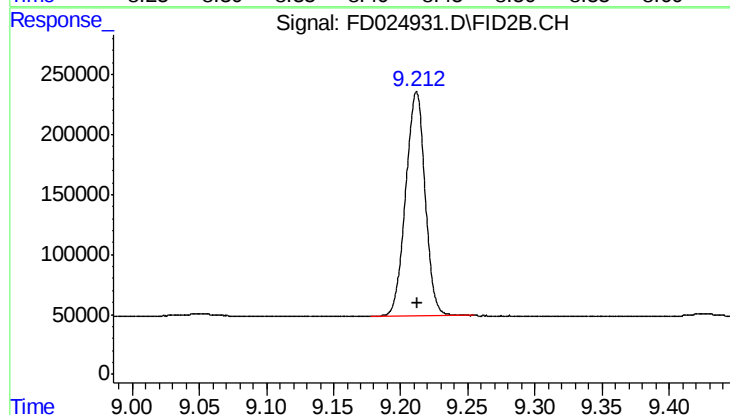
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 1180405
Conc: 18.61 ug/ml



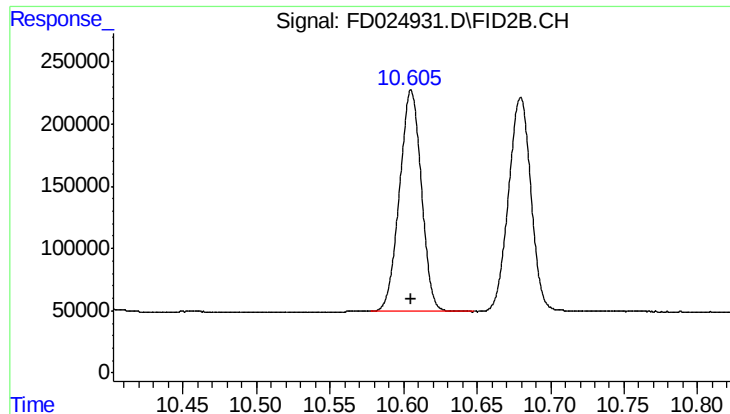
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: -0.002 min
Response: 1953149
Conc: 18.70 ug/ml



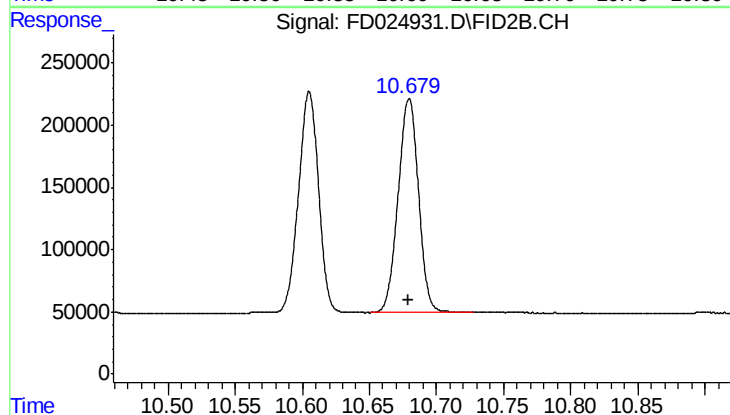
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 1891424
Conc: 18.10 ug/ml



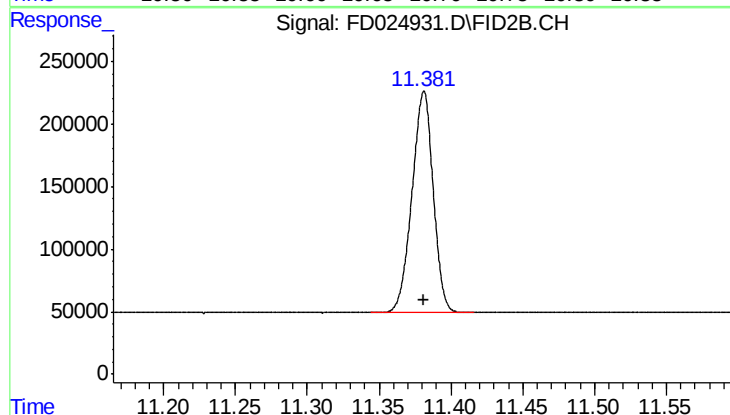
#9 Phenanthrene (C19.36)

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 1845745
Conc: 17.95 ug/ml



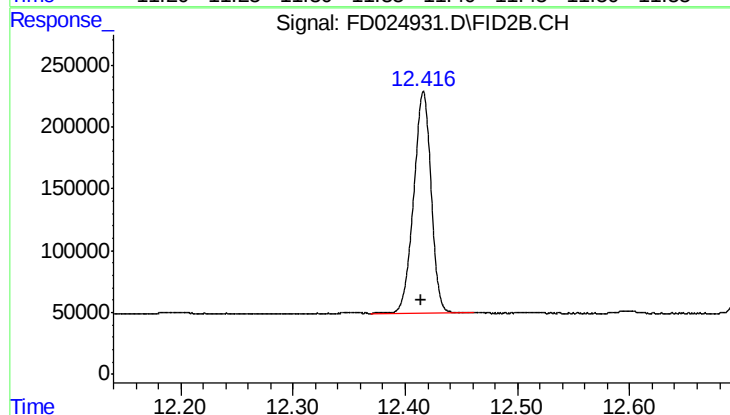
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 1830247
Conc: 17.95 ug/ml



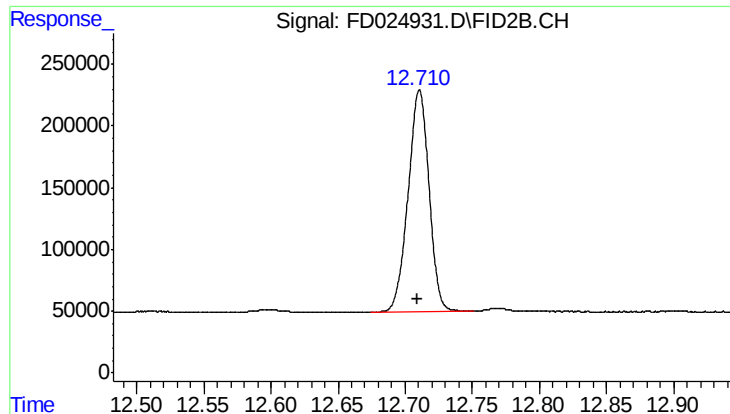
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 1820115
Conc: 18.14 ug/ml



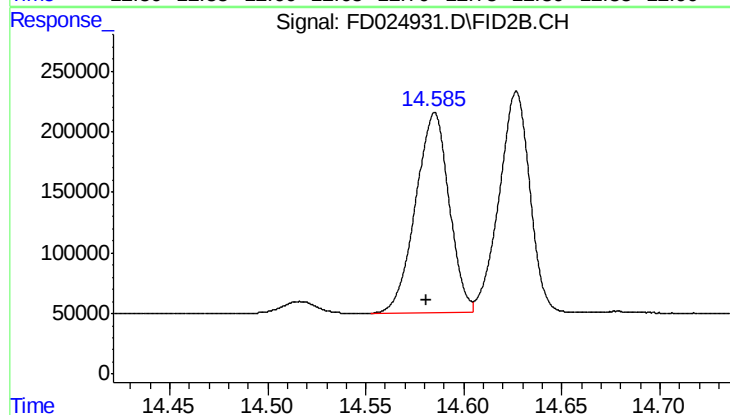
#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: 0.002 min
Response: 1932716
Conc: 19.38 ug/ml



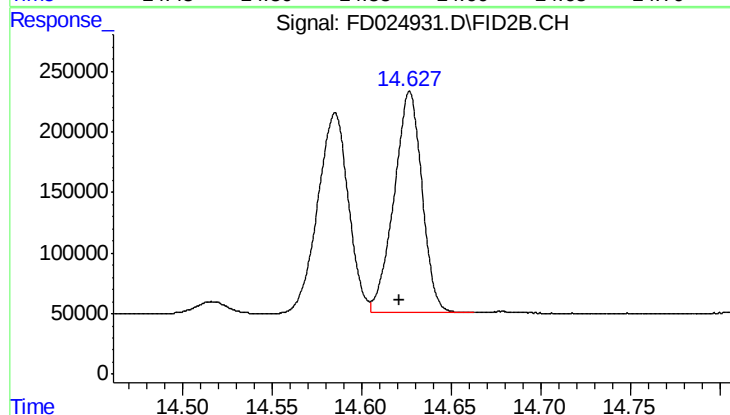
#13 Pyrene (C20.8)

R.T.: 12.711 min
Delta R.T.: 0.002 min
Response: 1949475
Conc: 19.60 ug/ml



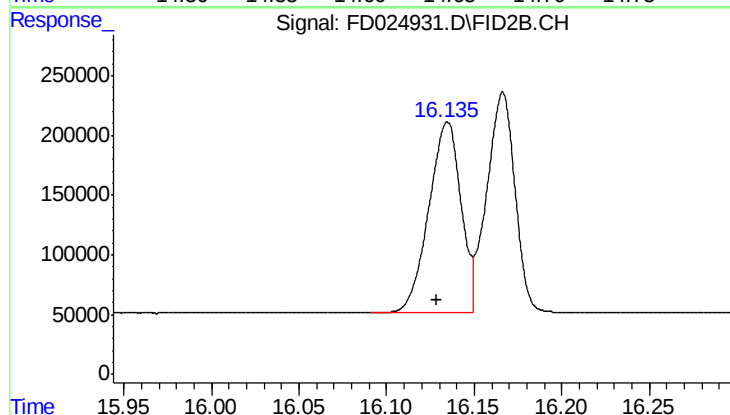
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: 0.004 min
Response: 1975142
Conc: 21.04 ug/ml



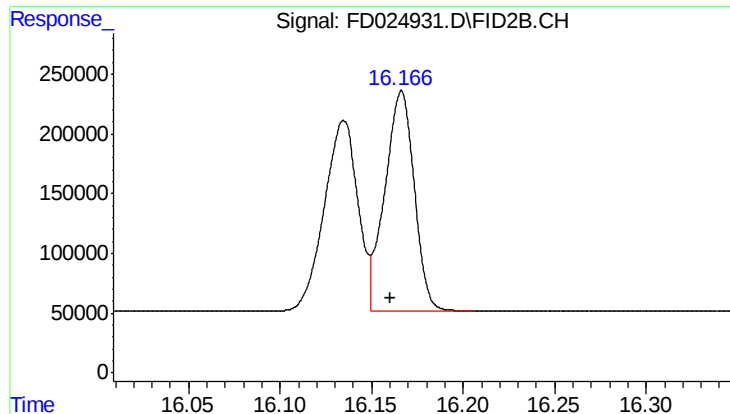
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: 0.006 min
Response: 1986845
Conc: 21.00 ug/ml



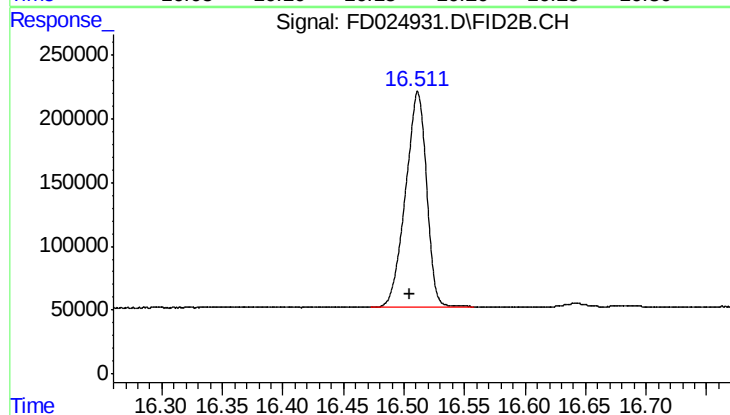
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.007 min
Response: 2038367
Conc: 19.71 ug/ml



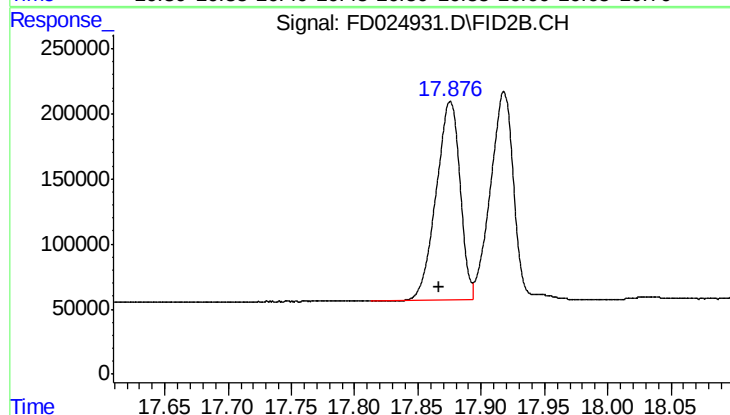
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: 0.006 min
Response: 2064355
Conc: 19.56 ug/ml



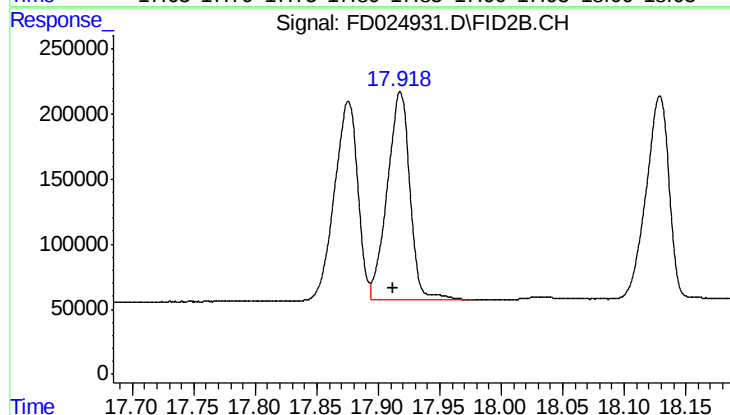
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.007 min
Response: 2036195
Conc: 19.59 ug/ml



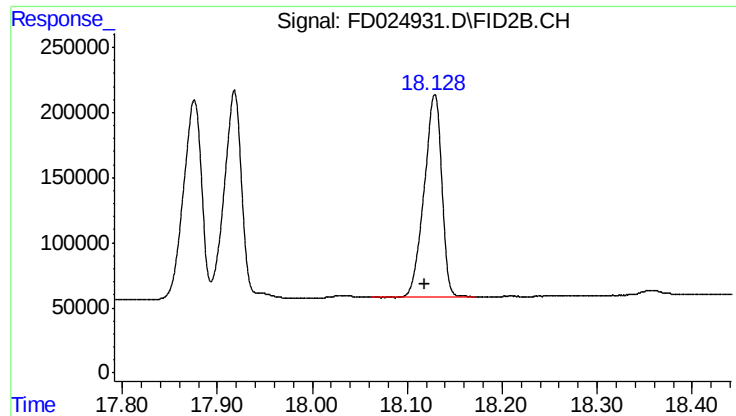
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: 0.009 min
Response: 2007603
Conc: 18.84 ug/ml



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

R.T.: 17.918 min
Delta R.T.: 0.006 min
Response: 2051503
Conc: 19.61 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.010 min
Response: 2004131
Conc: 18.87 ug/ml