

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032819AR\
 Data File : FD028530.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2019 18:47
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 29 01:54:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.118	1734604	18.283 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
6) S 2-Fluorobiphenyl (SURR)	7.985	1167665	17.911 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.82%
11) S ortho-Terphenyl (SURR)	11.023	1919582	17.252 ug/ml
Spiked Amount 50.000		Recovery =	34.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.939	1891281	19.333 ug/ml
2) T Naphthalene (C11.7)	5.462	2003204	18.803 ug/ml
3) T 2-Methylnaphthalene (...)	6.510	1975981	18.470 ug/ml
5) T Acenaphthylene (C15.06)	7.788	1859167	17.954 ug/ml
7) T Acenaphthene (C15.5)	8.084	1940523	17.889 ug/ml
8) T Fluorene (C16.55)	8.863	1919071	17.652 ug/ml
9) T Phenanthrene (C19.36)	10.261	1878036	17.343 ug/ml
10) T Anthracene (C19.43)	10.336	1865453	17.365 ug/ml
12) T Fluoranthene (C21.85)	12.073	1906732	17.636 ug/ml
13) T Pyrene (C20.8)	12.371	1909759	17.734 ug/ml
14) T Benzo[a]anthracene (C...	14.239	1930684	18.414 ug/ml
15) T Chrysene (C27.41)	14.282	1932847	18.460 ug/ml
16) T benzo[b]fluoranthene ...	15.789	2037284	18.796 ug/ml
17) T Bnezo[k]fluoranthene ...	15.821	2015949	18.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.168	2030238	18.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.530	2068077	18.714 ug/ml
20) T Dibenz[a,h]anthracene...	17.568	2045926	19.032 ug/ml
21) T Benzo[g,h,i]perylene ...	17.786	2050577	18.921 ug/ml

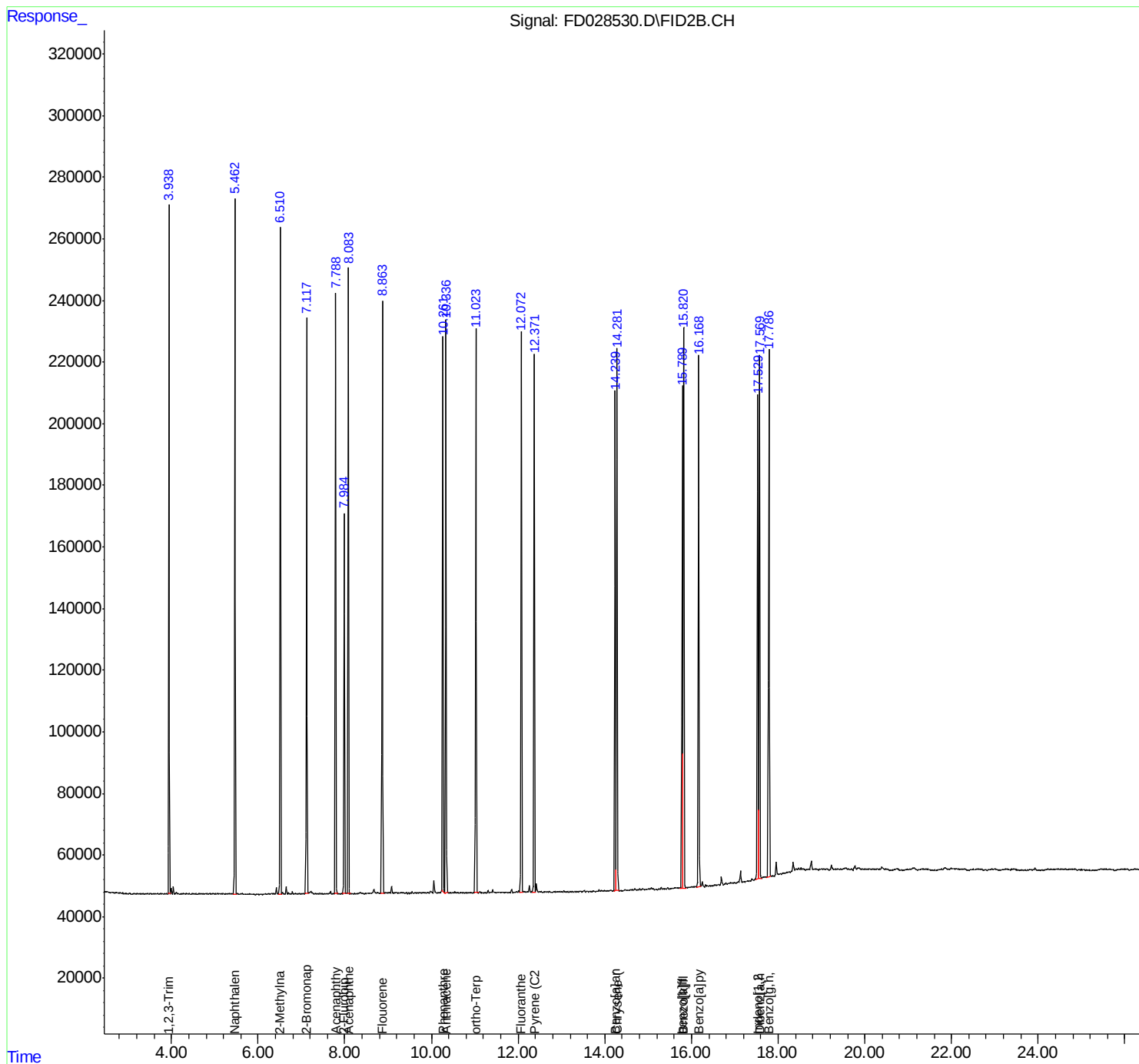
(f)=RT Delta > 1/2 Window

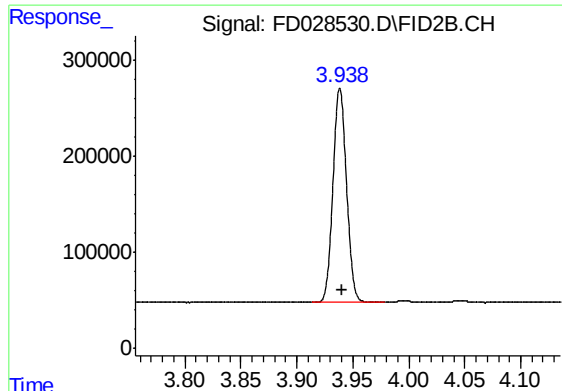
(m)=manual int.

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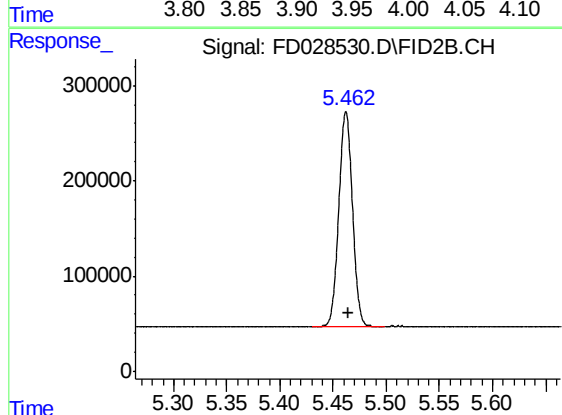
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





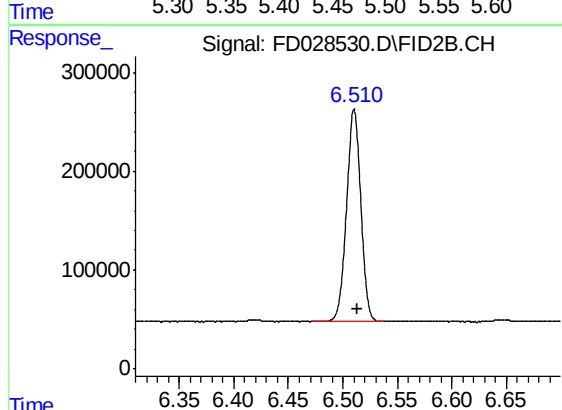
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 1891281
Conc: 19.33 ug/ml



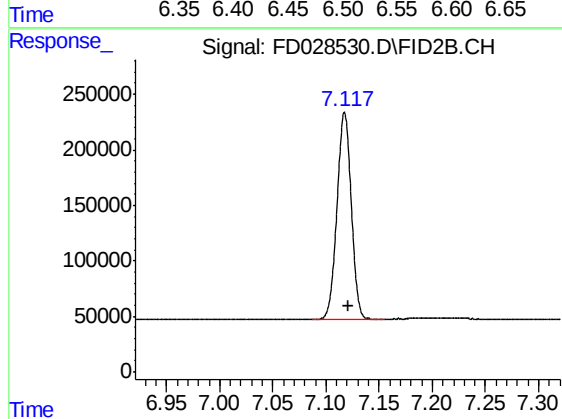
#2 Naphthalene (C11.7)

R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 2003204
Conc: 18.80 ug/ml



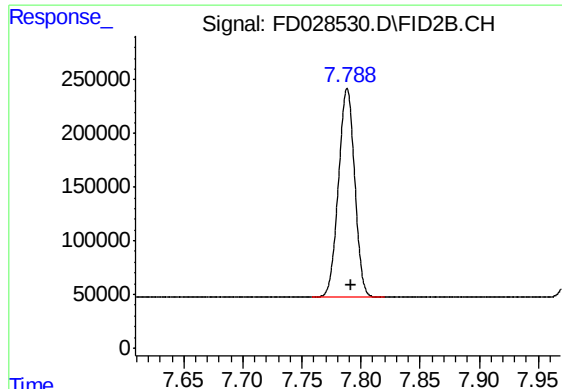
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 1975981
Conc: 18.47 ug/ml



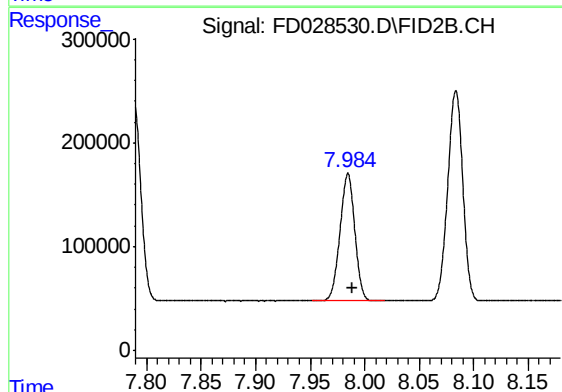
#4 2-Bromonaphthalene (SURR)

R.T.: 7.118 min
Delta R.T.: -0.003 min
Response: 1734604
Conc: 18.28 ug/ml



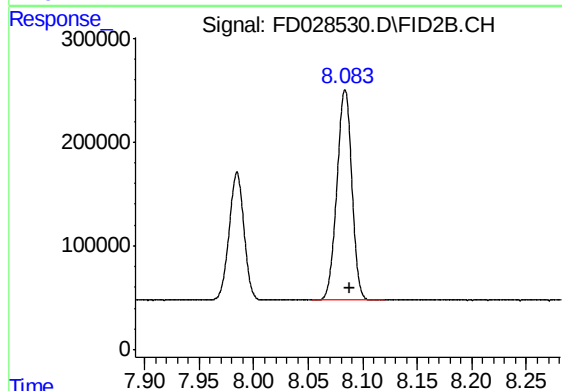
#5 Acenaphthylene (C15.06)

R.T.: 7.788 min
Delta R.T.: -0.004 min
Response: 1859167
Conc: 17.95 ug/ml



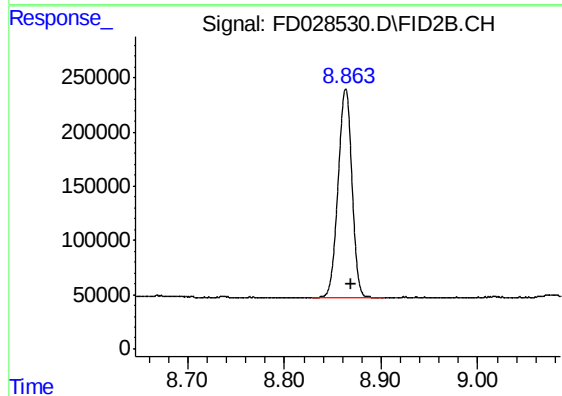
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.985 min
Delta R.T.: -0.004 min
Response: 1167665
Conc: 17.91 ug/ml



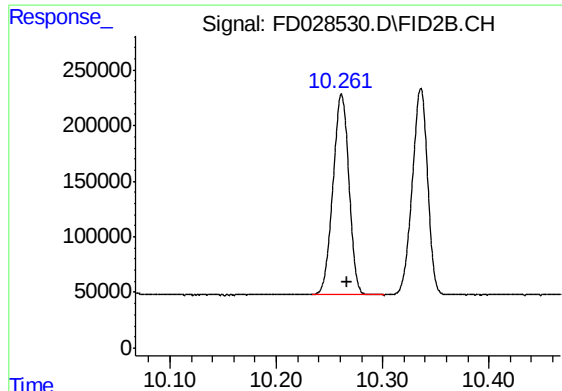
#7 Acenaphthene (C15.5)

R.T.: 8.084 min
Delta R.T.: -0.004 min
Response: 1940523
Conc: 17.89 ug/ml



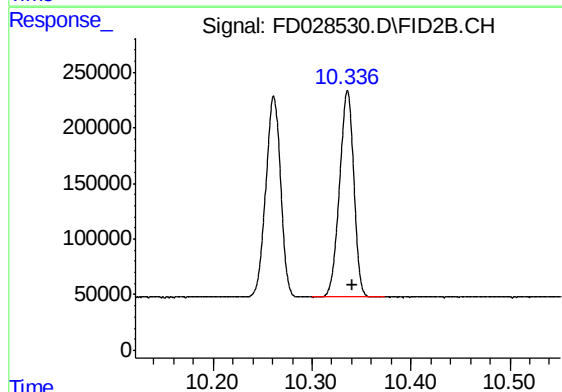
#8 Flouorene (C16.55)

R.T.: 8.863 min
Delta R.T.: -0.005 min
Response: 1919071
Conc: 17.65 ug/ml



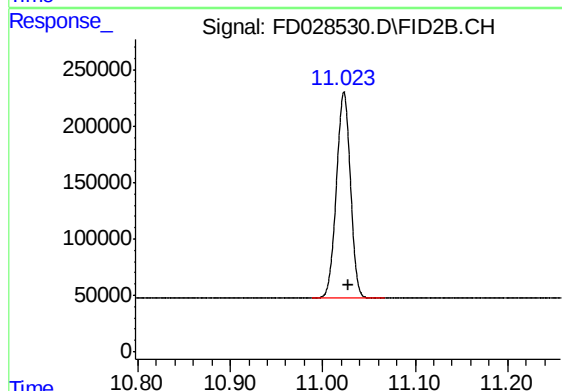
#9 Phenanthrene (C19.36)

R.T.: 10.261 min
Delta R.T.: -0.006 min
Response: 1878036
Conc: 17.34 ug/ml



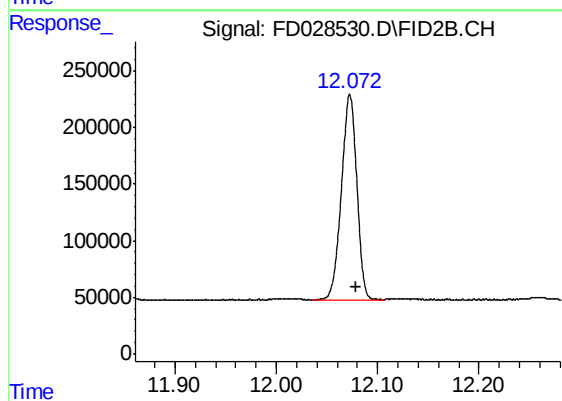
#10 Anthracene (C19.43)

R.T.: 10.336 min
Delta R.T.: -0.005 min
Response: 1865453
Conc: 17.37 ug/ml



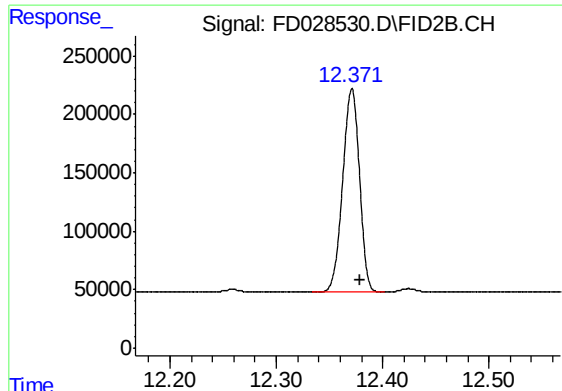
#11 ortho-Terphenyl (SURR)

R.T.: 11.023 min
Delta R.T.: -0.005 min
Response: 1919582
Conc: 17.25 ug/ml



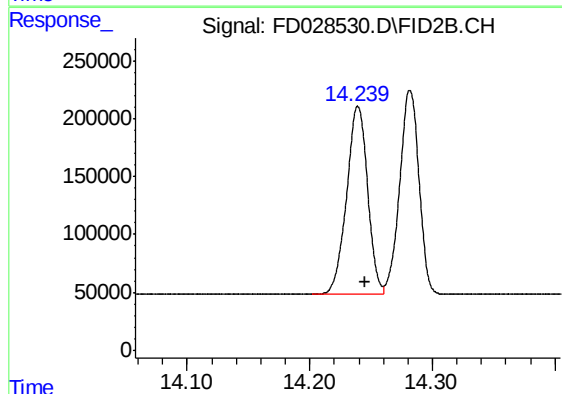
#12 Fluoranthene (C21.85)

R.T.: 12.073 min
Delta R.T.: -0.007 min
Response: 1906732
Conc: 17.64 ug/ml



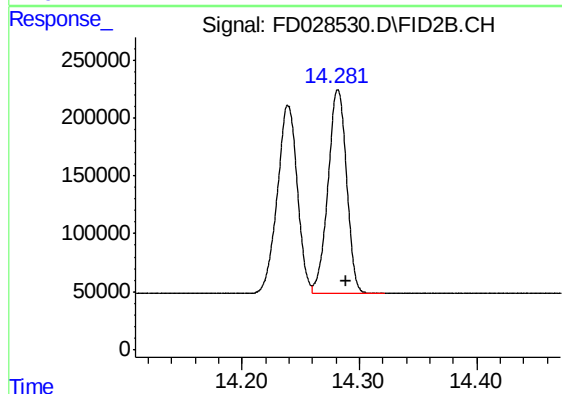
#13 Pyrene (C20.8)

R.T.: 12.371 min
Delta R.T.: -0.007 min
Response: 1909759
Conc: 17.73 ug/ml



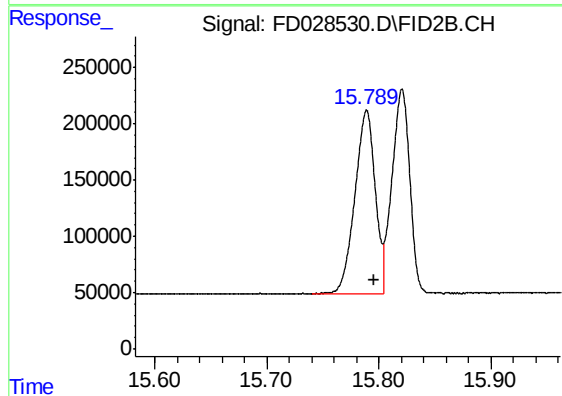
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.239 min
Delta R.T.: -0.006 min
Response: 1930684
Conc: 18.41 ug/ml



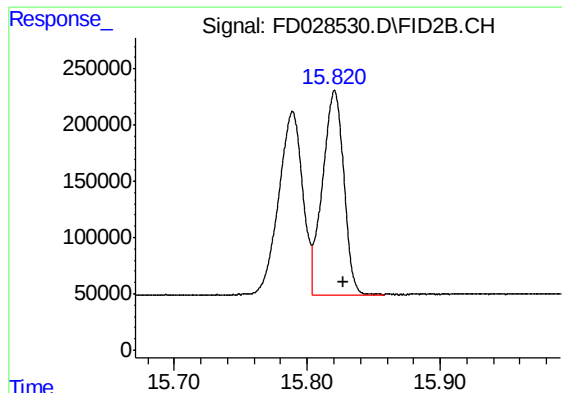
#15 Chrysene (C27.41)

R.T.: 14.282 min
Delta R.T.: -0.007 min
Response: 1932847
Conc: 18.46 ug/ml



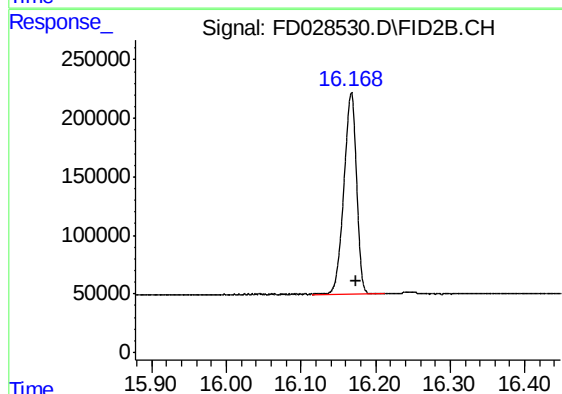
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.789 min
Delta R.T.: -0.006 min
Response: 2037284
Conc: 18.80 ug/ml



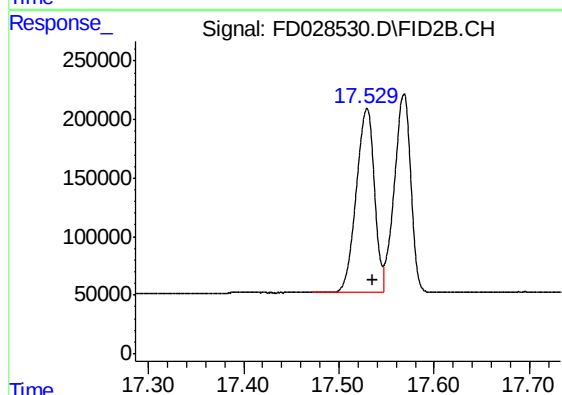
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.821 min
Delta R.T.: -0.006 min
Response: 2015949
Conc: 18.79 ug/ml



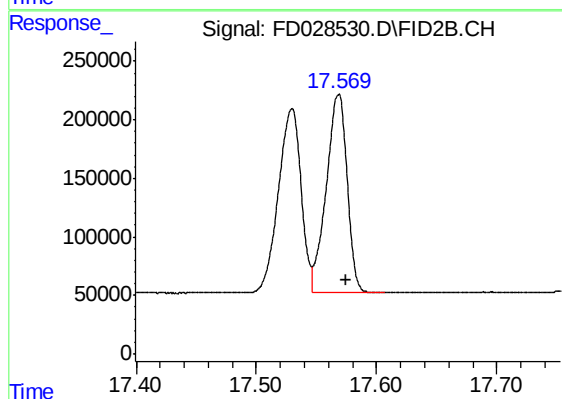
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.168 min
Delta R.T.: -0.006 min
Response: 2030238
Conc: 18.76 ug/ml



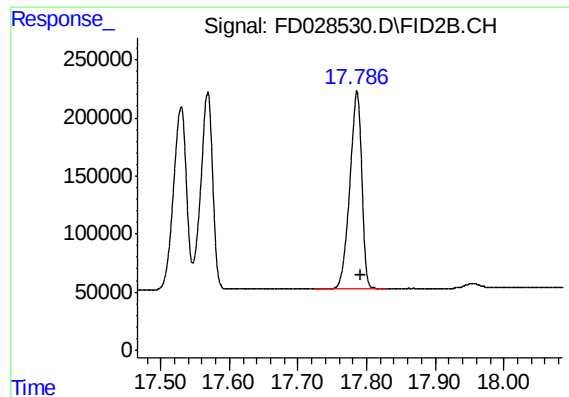
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.530 min
Delta R.T.: -0.006 min
Response: 2068077
Conc: 18.71 ug/ml



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

R.T.: 17.568 min
Delta R.T.: -0.006 min
Response: 2045926
Conc: 19.03 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.005 min
Response: 2050577
Conc: 18.92 ug/ml