

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050919AR\
 Data File : FD029142.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2019 22:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 10 03:27:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.080	1803601	18.082 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
6) S 2-Fluorobiphenyl (SURR)	7.946	1219961	17.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.60%
11) S ortho-Terphenyl (SURR)	10.984	1983932	18.621 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.906	1876189	19.846 ug/ml
2) T Naphthalene (C11.7)	5.426	2046839	19.154 ug/ml
3) T 2-Methylnaphthalene (...)	6.473	2013872	18.400 ug/ml
5) T Acenaphthylene (C15.06)	7.750	1904094	17.786 ug/ml
7) T Acenaphthene (C15.5)	8.045	2005260	17.841 ug/ml
8) T Fluorene (C16.55)	8.824	1998220	17.855 ug/ml
9) T Phenanthrene (C19.36)	10.222	2046886	19.067 ug/ml
10) T Anthracene (C19.43)	10.296	1952509	18.355 ug/ml
12) T Fluoranthene (C21.85)	12.032	2153163	21.429 ug/ml
13) T Pyrene (C20.8)	12.331	2171484	21.394 ug/ml
14) T Benzo[a]anthracene (C...	14.197	2125701	20.959 ug/ml
15) T Chrysene (C27.41)	14.239	2142200	21.014 ug/ml
16) T benzo[b]fluoranthene ...	15.744	2234472	20.826 ug/ml
17) T Bnezo[k]fluoranthene ...	15.777	2187142	20.598 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.123	2169913	20.315 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.484	2163008	20.026 ug/ml
20) T Dibenz[a,h]anthracene...	17.521	2104173	19.848 ug/ml
21) T Benzo[g,h,i]perylene ...	17.739	2179691	20.361 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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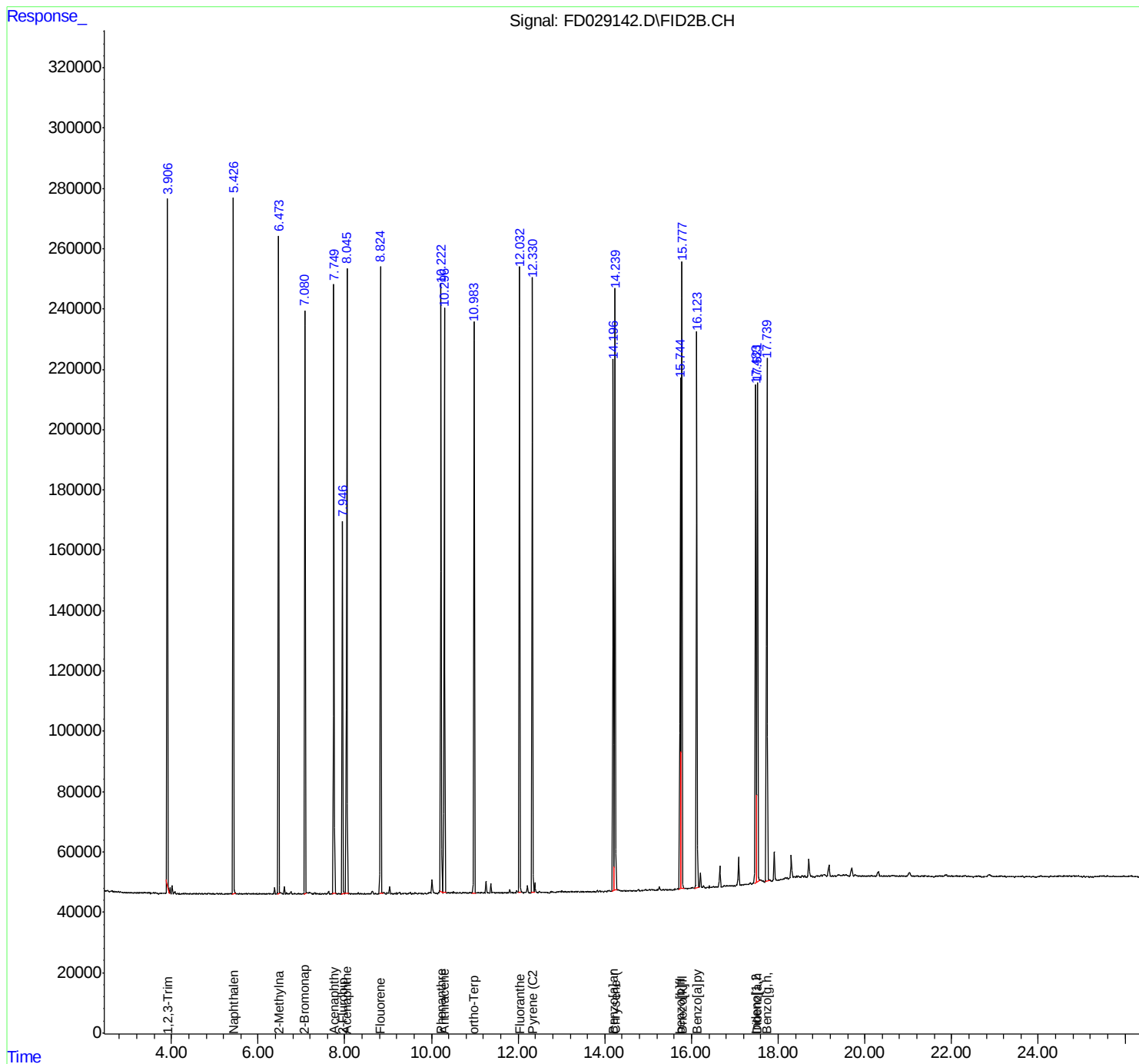
Response via : Initial Calibration

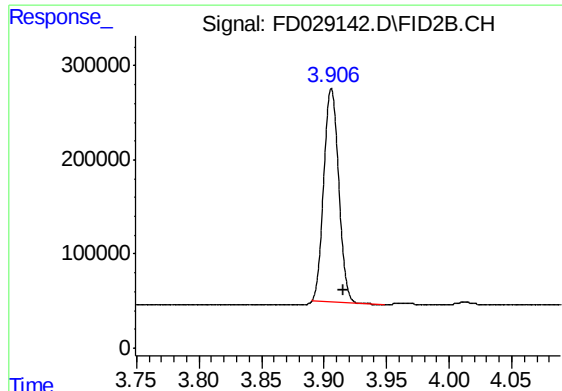
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

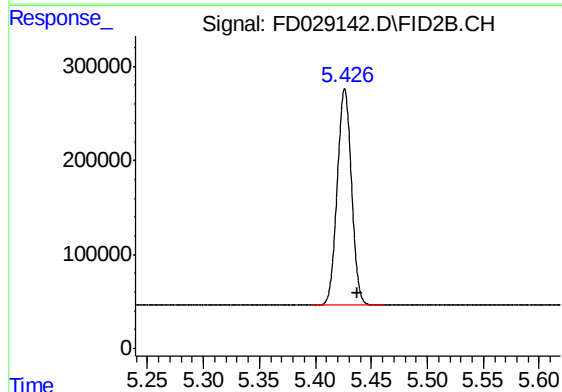
Signal Info : 20M x 0.18mm x 0.18µm





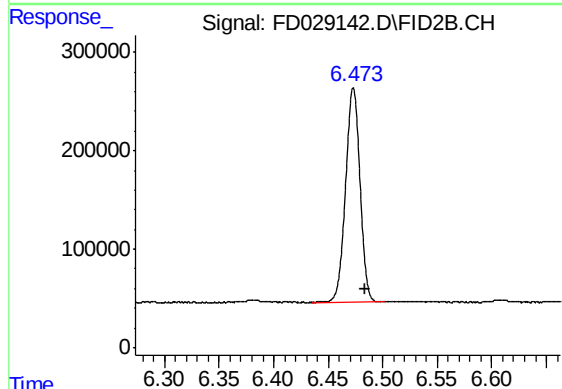
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.906 min
Delta R.T.: -0.010 min
Response: 1876189
Conc: 19.85 ug/ml



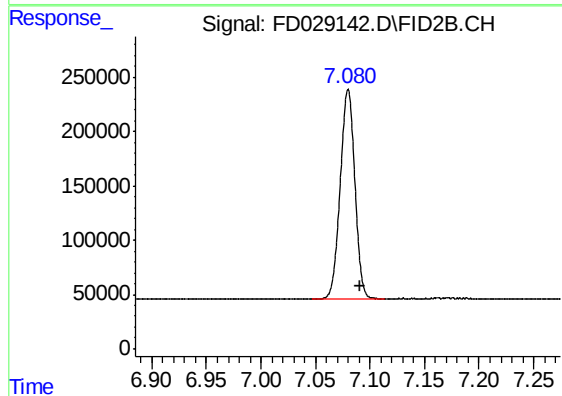
#2 Naphthalene (C11.7)

R.T.: 5.426 min
Delta R.T.: -0.011 min
Response: 2046839
Conc: 19.15 ug/ml



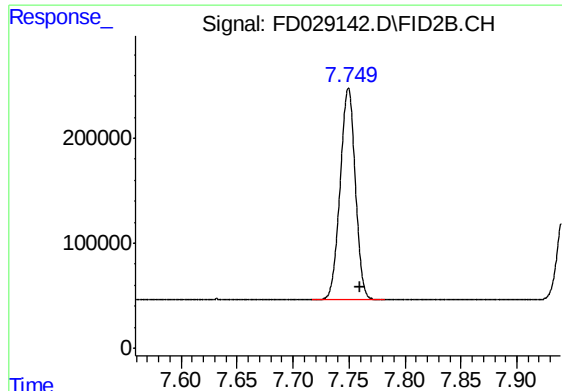
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.473 min
Delta R.T.: -0.011 min
Response: 2013872
Conc: 18.40 ug/ml



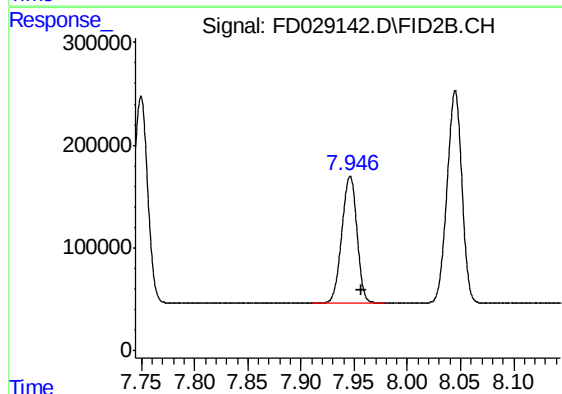
#4 2-Bromonaphthalene (SURR)

R.T.: 7.080 min
Delta R.T.: -0.011 min
Response: 1803601
Conc: 18.08 ug/ml



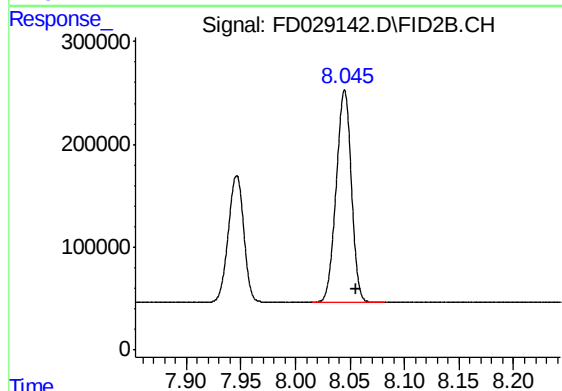
#5 Acenaphthylene (C15.06)

R.T.: 7.750 min
Delta R.T.: -0.011 min
Response: 1904094
Conc: 17.79 ug/ml



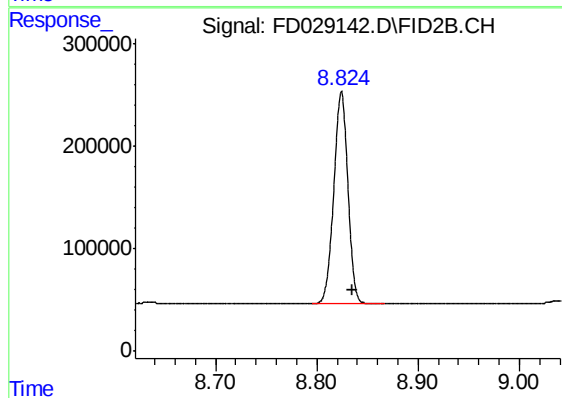
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.946 min
Delta R.T.: -0.011 min
Response: 1219961
Conc: 17.80 ug/ml



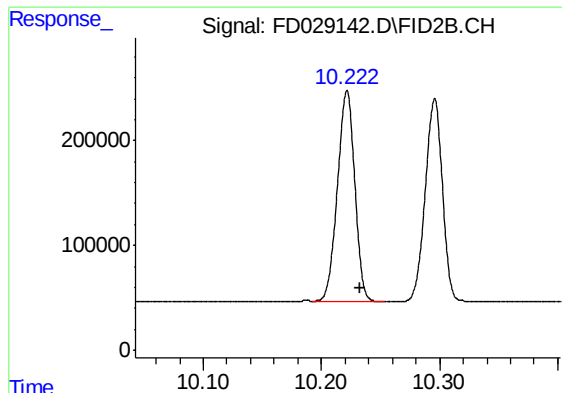
#7 Acenaphthene (C15.5)

R.T.: 8.045 min
Delta R.T.: -0.011 min
Response: 2005260
Conc: 17.84 ug/ml



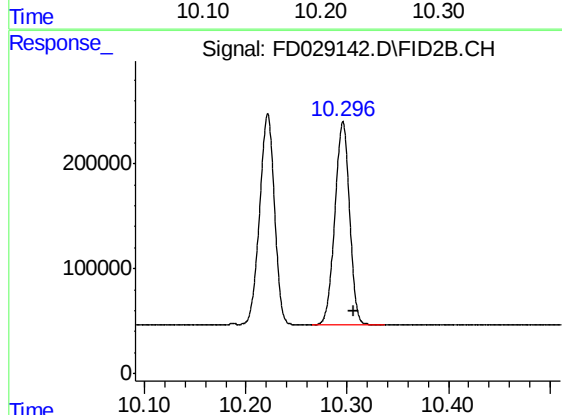
#8 Flouorene (C16.55)

R.T.: 8.824 min
Delta R.T.: -0.011 min
Response: 1998220
Conc: 17.85 ug/ml



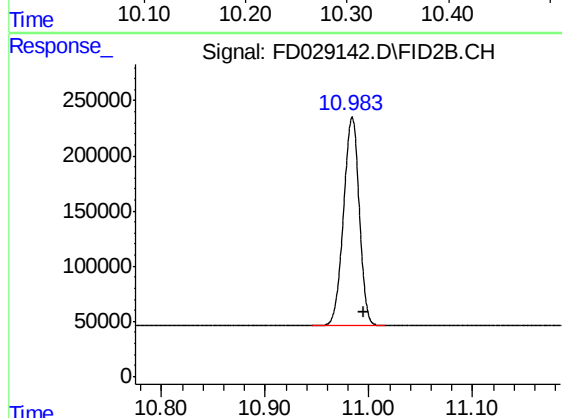
#9 Phenanthrene (C19.36)

R.T.: 10.222 min
Delta R.T.: -0.011 min
Response: 2046886
Conc: 19.07 ug/ml



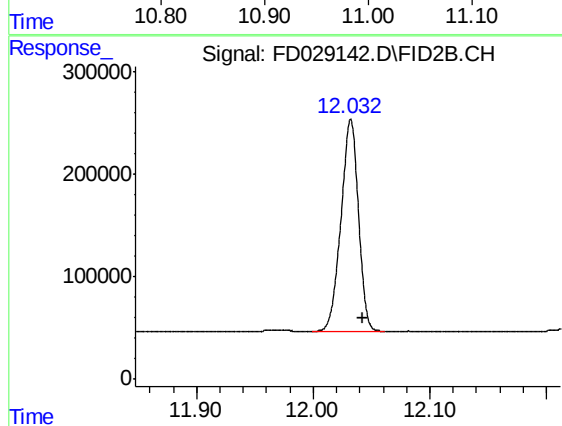
#10 Anthracene (C19.43)

R.T.: 10.296 min
Delta R.T.: -0.010 min
Response: 1952509
Conc: 18.35 ug/ml



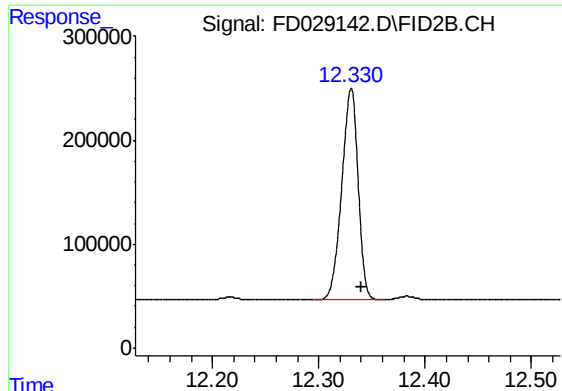
#11 ortho-Terphenyl (SURRE)

R.T.: 10.984 min
Delta R.T.: -0.011 min
Response: 1983932
Conc: 18.62 ug/ml



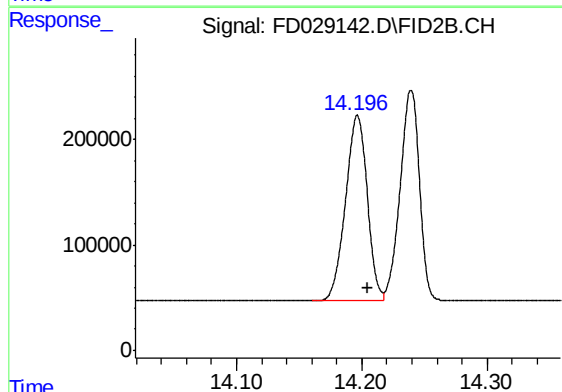
#12 Fluoranthene (C21.85)

R.T.: 12.032 min
Delta R.T.: -0.011 min
Response: 2153163
Conc: 21.43 ug/ml m



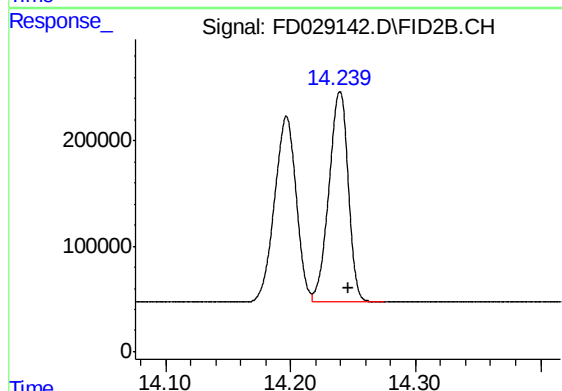
#13 Pyrene (C20.8)

R.T.: 12.331 min
Delta R.T.: -0.009 min
Response: 2171484
Conc: 21.39 ug/ml



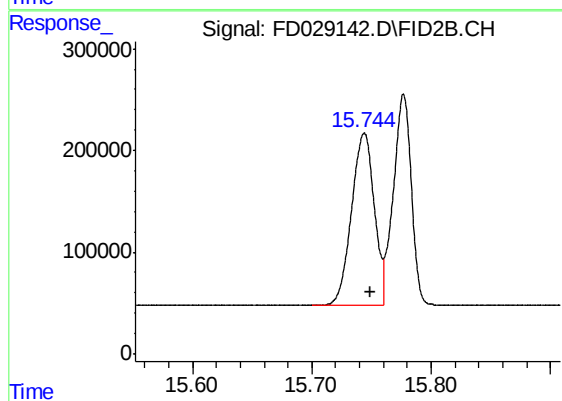
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.197 min
Delta R.T.: -0.008 min
Response: 2125701
Conc: 20.96 ug/ml



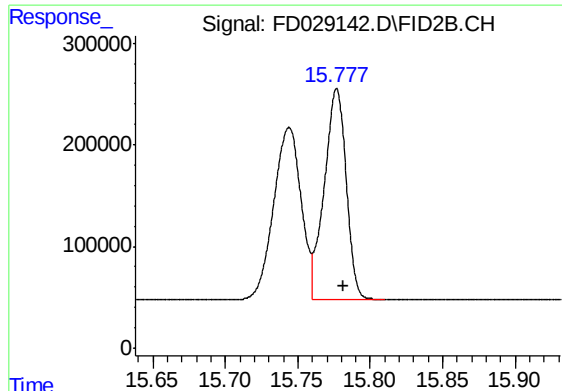
#15 Chrysene (C27.41)

R.T.: 14.239 min
Delta R.T.: -0.007 min
Response: 2142200
Conc: 21.01 ug/ml



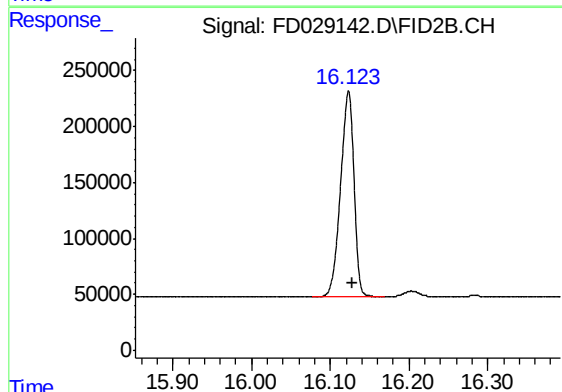
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.744 min
Delta R.T.: -0.005 min
Response: 2234472
Conc: 20.83 ug/ml



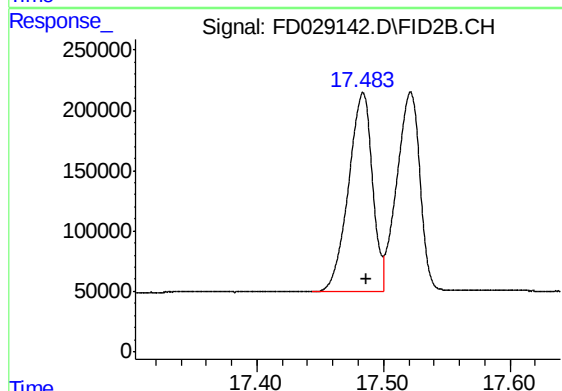
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.777 min
Delta R.T.: -0.004 min
Response: 2187142
Conc: 20.60 ug/ml



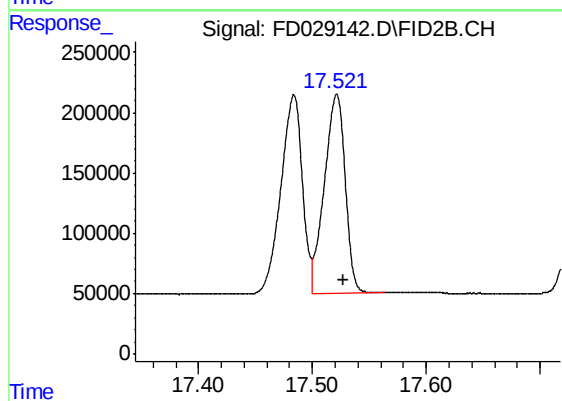
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.123 min
Delta R.T.: -0.005 min
Response: 2169913
Conc: 20.32 ug/ml



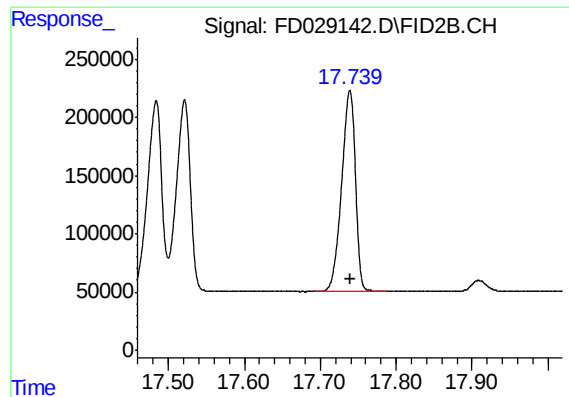
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.484 min
Delta R.T.: -0.002 min
Response: 2163008
Conc: 20.03 ug/ml



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

R.T.: 17.521 min
Delta R.T.: -0.005 min
Response: 2104173
Conc: 19.85 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.001 min
Response: 2179691
Conc: 20.36 ug/ml