

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050919AR\
 Data File : FD029127.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2019 11:02
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 10 03:24:06 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...	7.081	1753674	17.582 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
6) S 2-Fluorobiphenyl (SURR)	7.946	1196844	17.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.93%
11) S ortho-Terphenyl (SURR)	10.983	1964600	18.439 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.907	1865507	19.733 ug/mlm
2) T Naphthalene (C11.7)	5.428	1978569	18.515 ug/ml
3) T 2-Methylnaphthalene (...)	6.474	1957311	17.883 ug/ml
5) T Acenaphthylene (C15.06)	7.750	1869320	17.461 ug/ml
7) T Acenaphthene (C15.5)	8.045	1967961	17.509 ug/ml
8) T Fluorene (C16.55)	8.825	1968323	17.588 ug/ml
9) T Phenanthrene (C19.36)	10.221	2046221	19.061 ug/ml
10) T Anthracene (C19.43)	10.296	1952002	18.350 ug/ml
12) T Fluoranthene (C21.85)	12.031	2135838	21.256 ug/mlm
13) T Pyrene (C20.8)	12.330	2150377	21.186 ug/ml
14) T Benzo[a]anthracene (C...	14.196	2087025	20.578 ug/ml
15) T Chrysene (C27.41)	14.238	2105187	20.651 ug/ml
16) T benzo[b]fluoranthene ...	15.743	2168791	20.214 ug/ml
17) T Bnezo[k]fluoranthene ...	15.776	2132040	20.079 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.122	2103274	19.691 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.482	2034209	18.834 ug/ml
20) T Dibenz[a,h]anthracene...	17.520	1942094	18.319 ug/ml
21) T Benzo[g,h,i]perylene ...	17.737	2091835	19.540 ug/ml

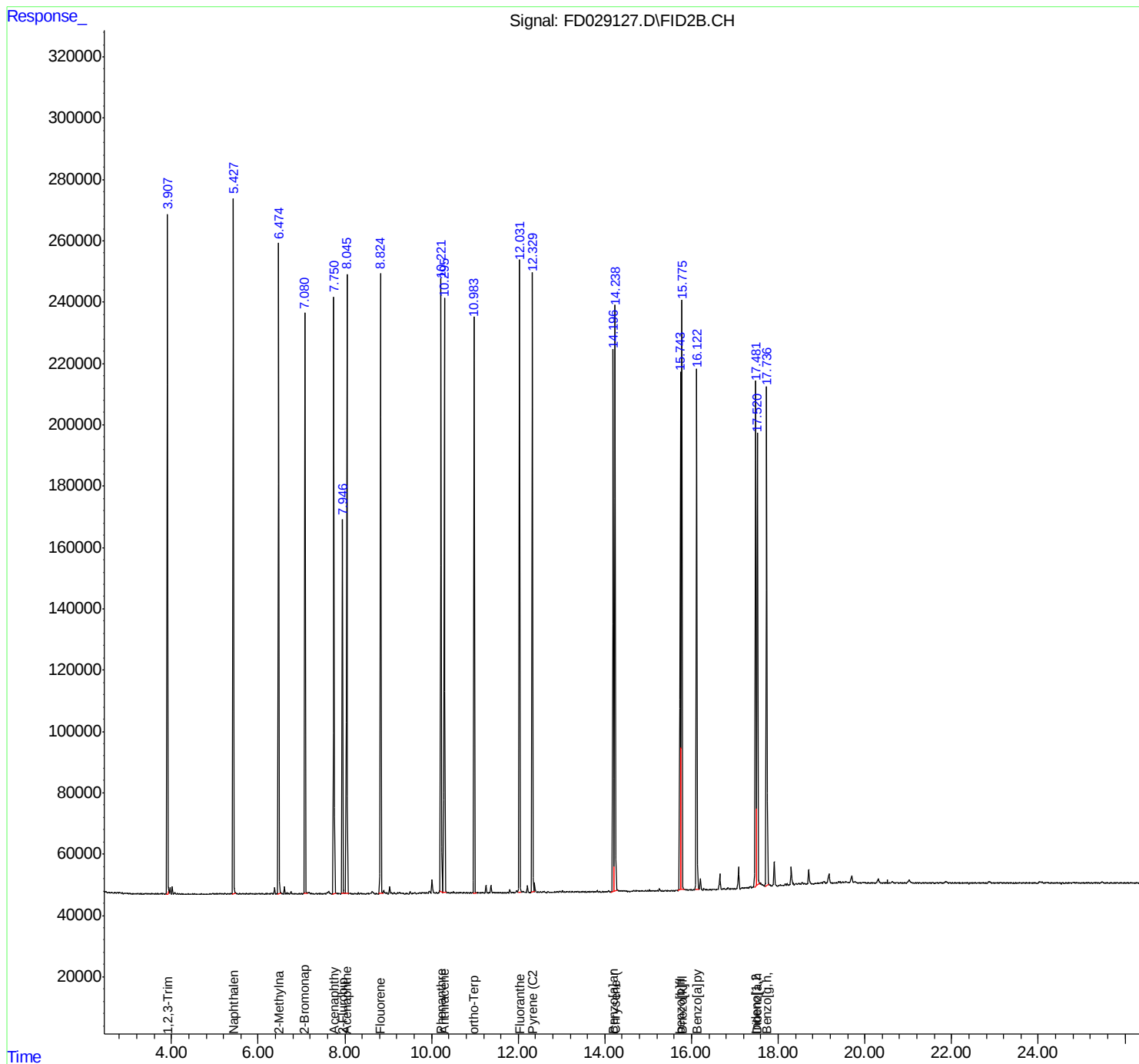
(f)=RT Delta > 1/2 Window

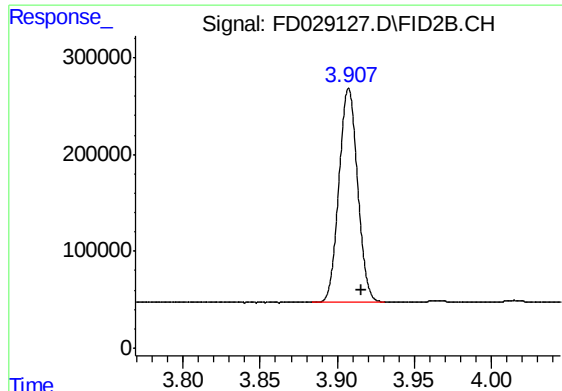
(m)=manual int.

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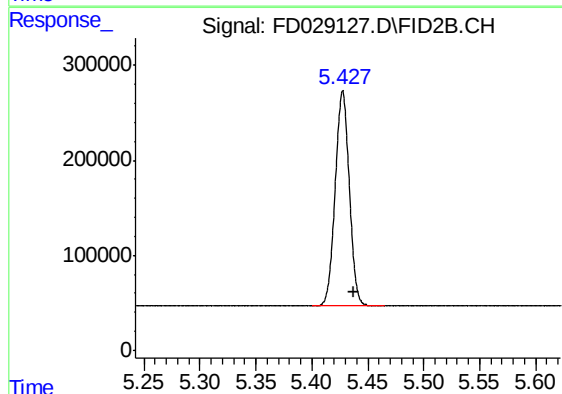
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Signal Info : 20M x 0.18mm x 0.18µm





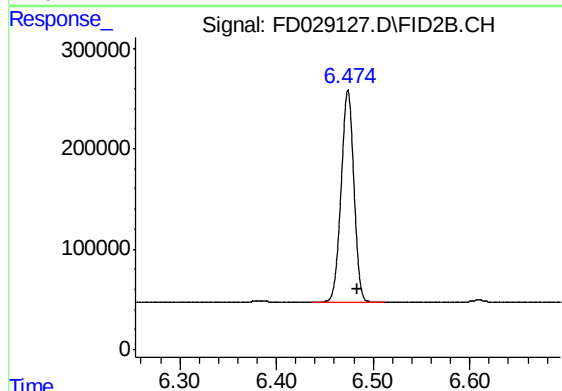
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.907 min
Delta R.T.: -0.009 min
Response: 1865507
Conc: 19.73 ug/ml m



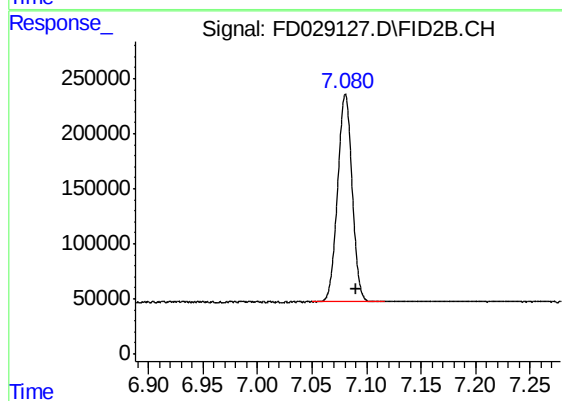
#2 Naphthalene (C11.7)

R.T.: 5.428 min
Delta R.T.: -0.010 min
Response: 1978569
Conc: 18.51 ug/ml



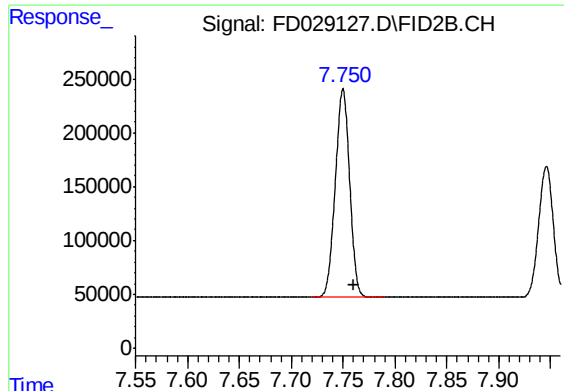
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.474 min
Delta R.T.: -0.010 min
Response: 1957311
Conc: 17.88 ug/ml



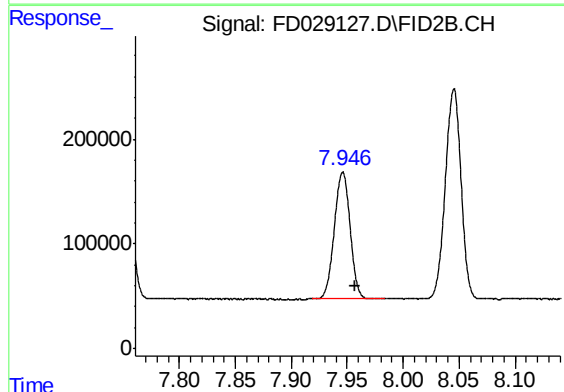
#4 2-Bromonaphthalene (SURR)

R.T.: 7.081 min
Delta R.T.: -0.010 min
Response: 1753674
Conc: 17.58 ug/ml



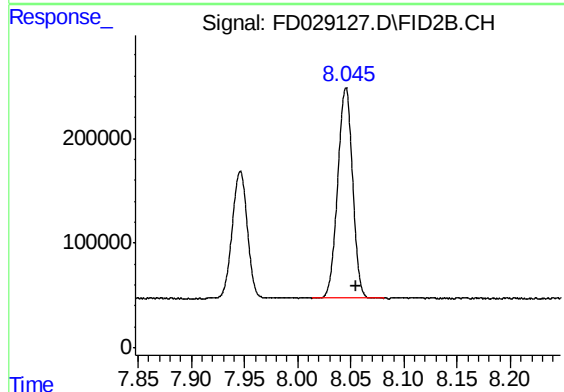
#5 Acenaphthylene (C15.06)

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 1869320
Conc: 17.46 ug/ml



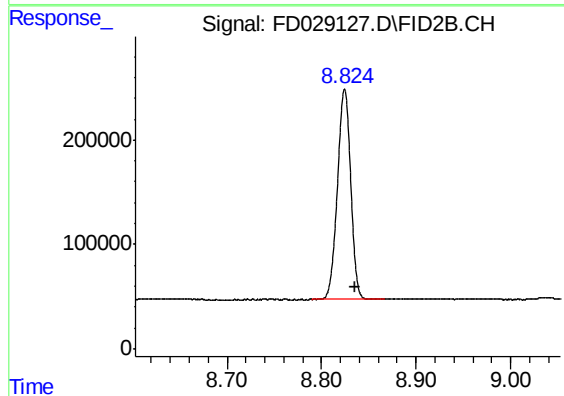
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.946 min
Delta R.T.: -0.011 min
Response: 1196844
Conc: 17.46 ug/ml



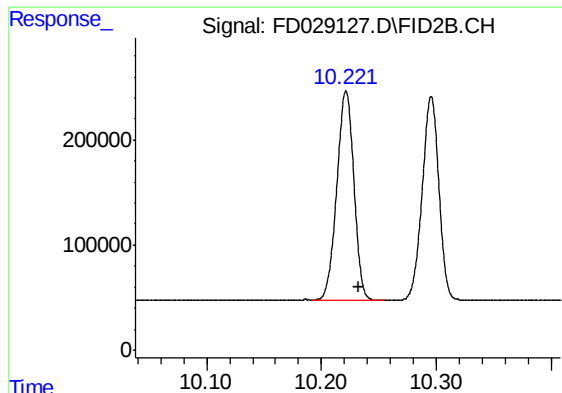
#7 Acenaphthene (C15.5)

R.T.: 8.045 min
Delta R.T.: -0.010 min
Response: 1967961
Conc: 17.51 ug/ml



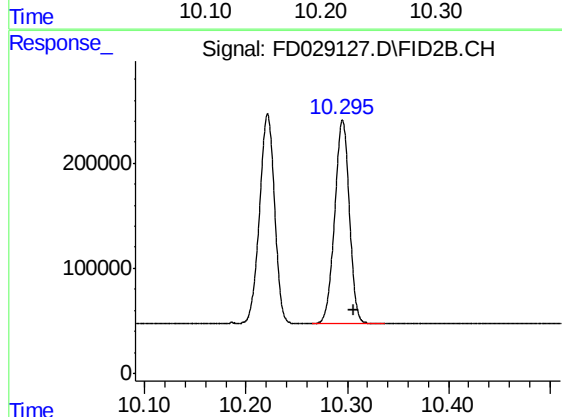
#8 Flouorene (C16.55)

R.T.: 8.825 min
Delta R.T.: -0.011 min
Response: 1968323
Conc: 17.59 ug/ml



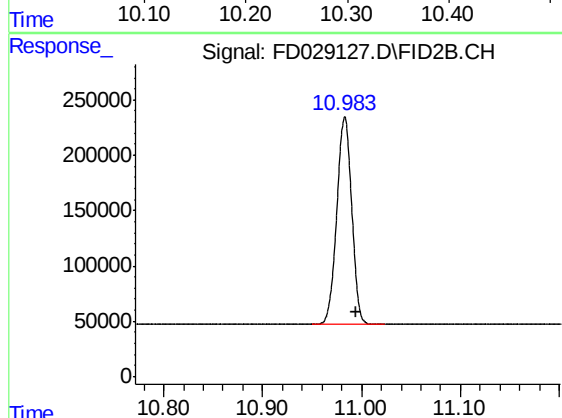
#9 Phenanthrene (C19.36)

R.T.: 10.221 min
Delta R.T.: -0.011 min
Response: 2046221
Conc: 19.06 ug/ml



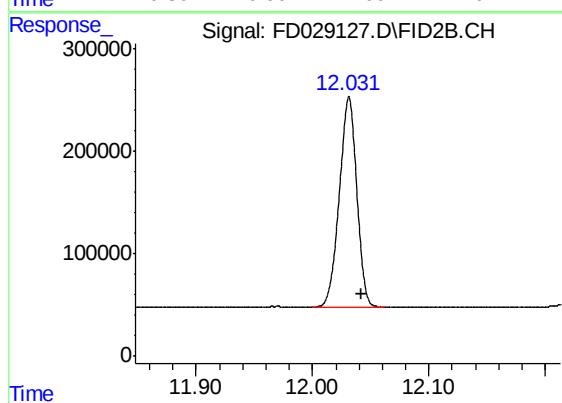
#10 Anthracene (C19.43)

R.T.: 10.296 min
Delta R.T.: -0.011 min
Response: 1952002
Conc: 18.35 ug/ml



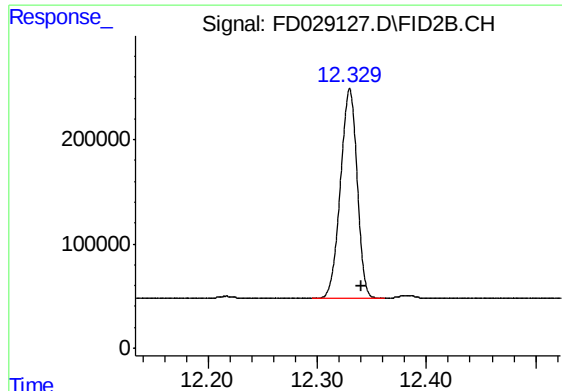
#11 ortho-Terphenyl (SURR)

R.T.: 10.983 min
Delta R.T.: -0.012 min
Response: 1964600
Conc: 18.44 ug/ml



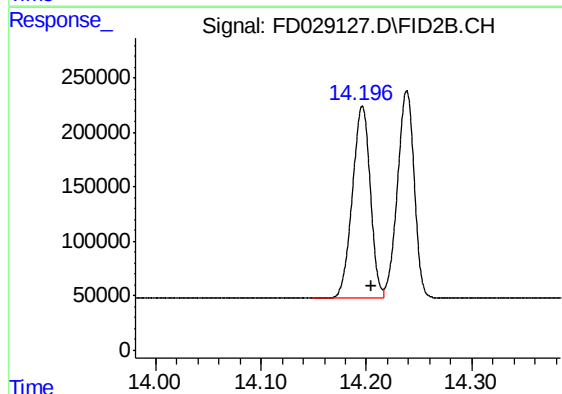
#12 Fluoranthene (C21.85)

R.T.: 12.031 min
Delta R.T.: -0.011 min
Response: 2135838
Conc: 21.26 ug/ml m



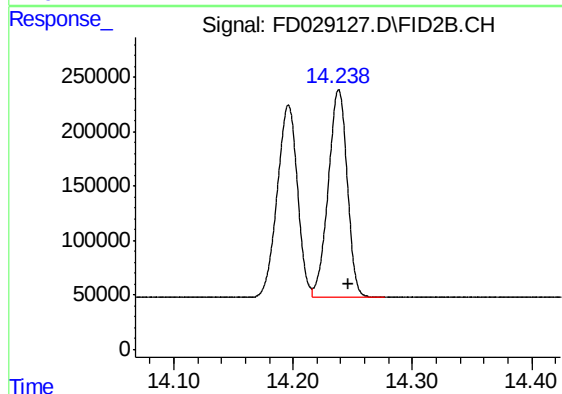
#13 Pyrene (C20.8)

R.T.: 12.330 min
Delta R.T.: -0.010 min
Response: 2150377
Conc: 21.19 ug/ml



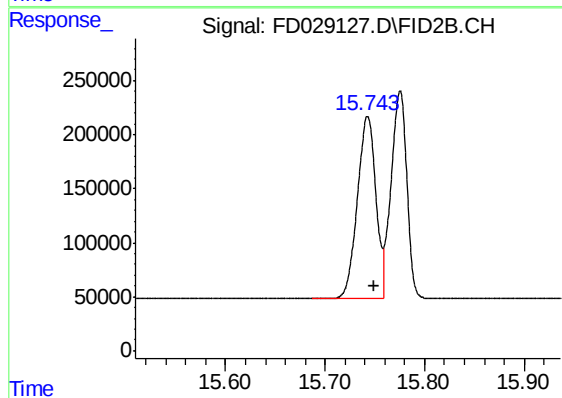
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.196 min
Delta R.T.: -0.008 min
Response: 2087025
Conc: 20.58 ug/ml



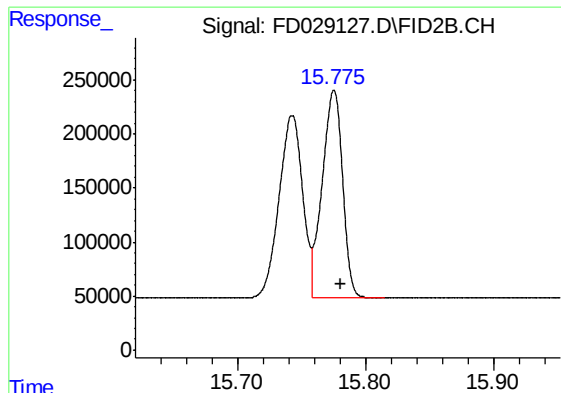
#15 Chrysene (C27.41)

R.T.: 14.238 min
Delta R.T.: -0.008 min
Response: 2105187
Conc: 20.65 ug/ml



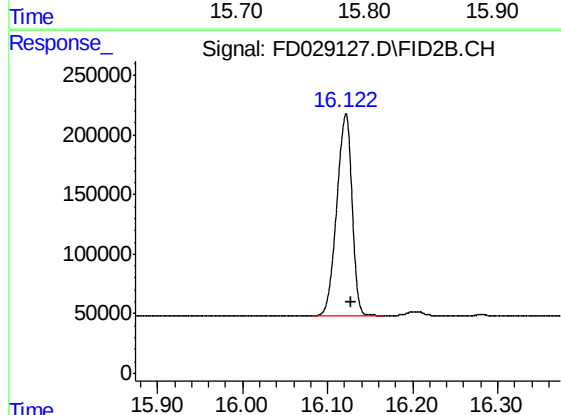
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.743 min
Delta R.T.: -0.006 min
Response: 2168791
Conc: 20.21 ug/ml



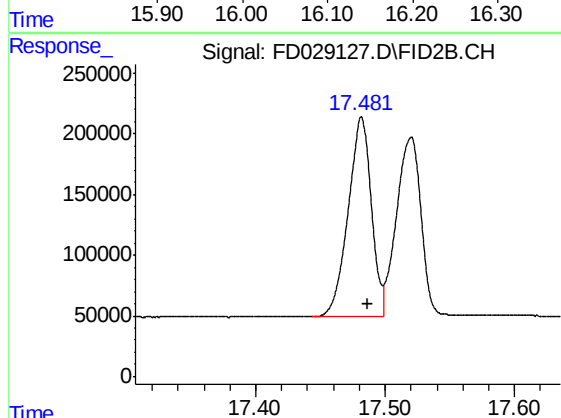
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.776 min
Delta R.T.: -0.006 min
Response: 2132040
Conc: 20.08 ug/ml



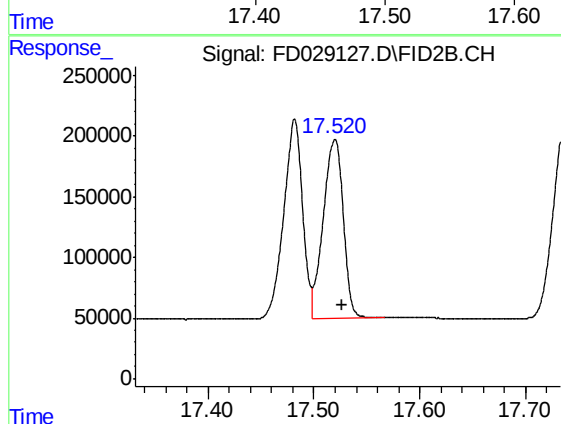
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.122 min
Delta R.T.: -0.006 min
Response: 2103274
Conc: 19.69 ug/ml



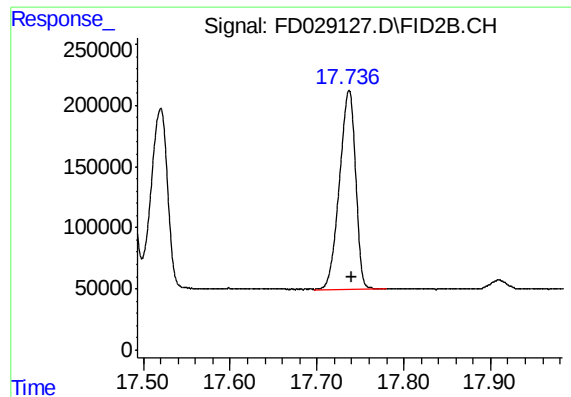
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.482 min
Delta R.T.: -0.004 min
Response: 2034209
Conc: 18.83 ug/ml



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

R.T.: 17.520 min
Delta R.T.: -0.007 min
Response: 1942094
Conc: 18.32 ug/ml



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

R.T.: 17.737 min
Delta R.T.: -0.003 min
Response: 2091835
Conc: 19.54 ug/ml