

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050719AR\
 Data File : FD029125.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2019 14:59
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 08 01:23:46 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...	7.084	1810452	18.151 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
6) S 2-Fluorobiphenyl (SURR)	7.950	1217358	17.764 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.53%
11) S ortho-Terphenyl (SURR)	10.986	1975025	18.537 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.910	1925955	20.372 ug/ml
2) T Naphthalene (C11.7)	5.430	2043093	19.119 ug/ml
3) T 2-Methylnaphthalene (...)	6.477	2017967	18.438 ug/ml
5) T Acenaphthylene (C15.06)	7.754	1907040	17.813 ug/ml
7) T Acenaphthene (C15.5)	8.049	2002409	17.815 ug/ml
8) T Fluorene (C16.55)	8.829	1988619	17.769 ug/ml
9) T Phenanthrene (C19.36)	10.225	2014157	18.762 ug/ml
10) T Anthracene (C19.43)	10.300	1985161	18.662 ug/ml
12) T Fluoranthene (C21.85)	12.036	2104895	20.948 ug/ml
13) T Pyrene (C20.8)	12.334	2137619	21.061 ug/ml
14) T Benzo[a]anthracene (C...	14.200	2078942	20.498 ug/ml
15) T Chrysene (C27.41)	14.243	2096173	20.562 ug/ml
16) T benzo[b]fluoranthene ...	15.747	2160054	20.133 ug/ml
17) T Bnezo[k]fluoranthene ...	15.780	2121780	19.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.127	2100656	19.667 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.486	2026991	18.767 ug/ml
20) T Dibenz[a,h]anthracene...	17.524	1919874	18.110 ug/ml
21) T Benzo[g,h,i]perylene ...	17.743	2089961	19.523 ug/ml

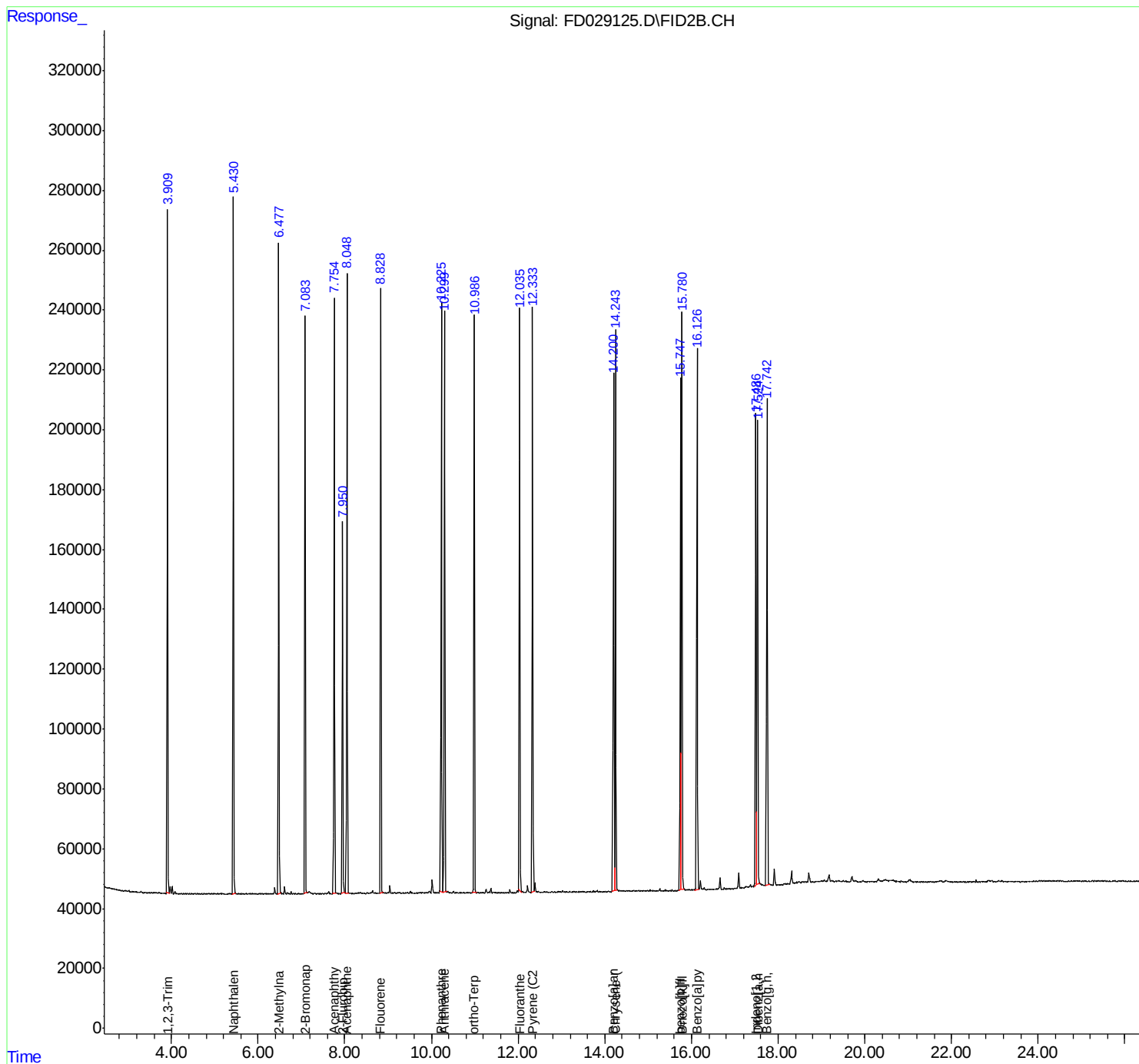
(f)=RT Delta > 1/2 Window

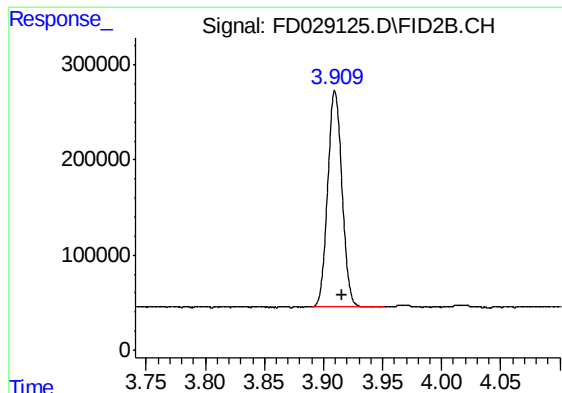
(m)=manual int.

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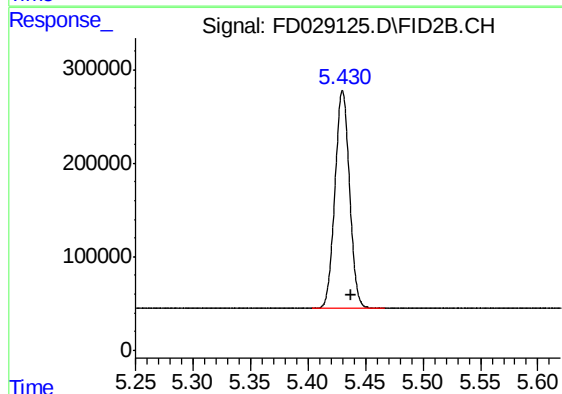
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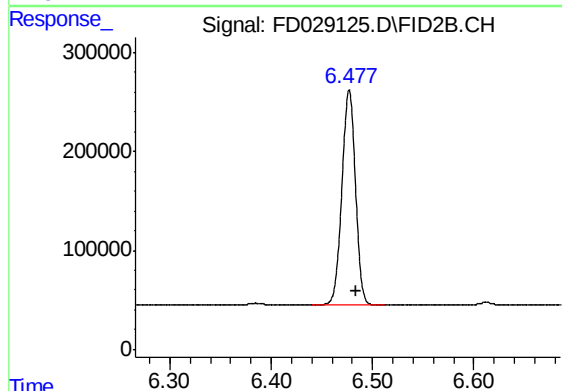
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.910 min
Delta R.T.: -0.006 min
Response: 1925955
Conc: 20.37 ug/ml



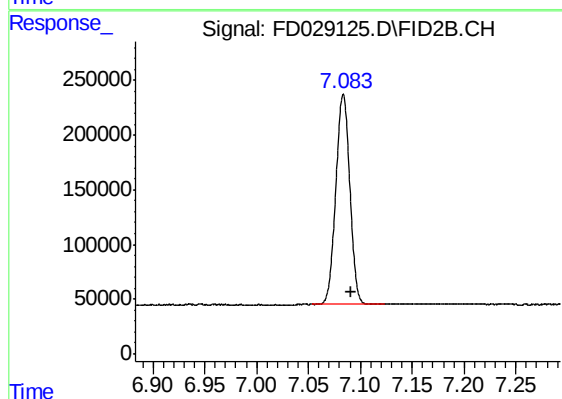
#2 Naphthalene (C11.7)

R.T.: 5.430 min
Delta R.T.: -0.007 min
Response: 2043093
Conc: 19.12 ug/ml



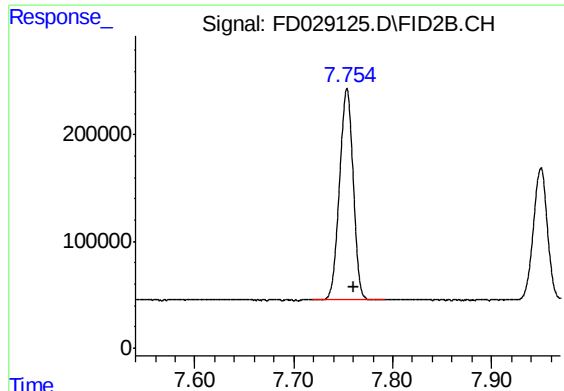
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 2017967
Conc: 18.44 ug/ml



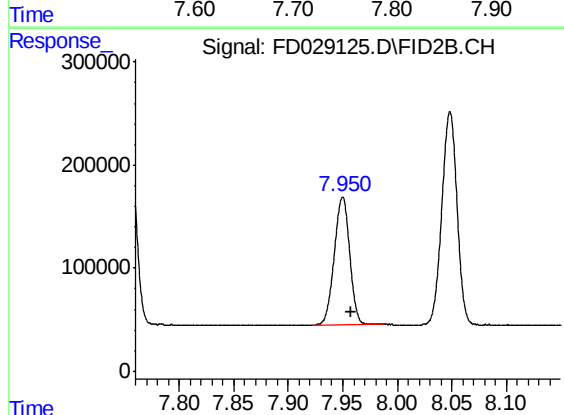
#4 2-Bromonaphthalene (SURR)

R.T.: 7.084 min
Delta R.T.: -0.007 min
Response: 1810452
Conc: 18.15 ug/ml



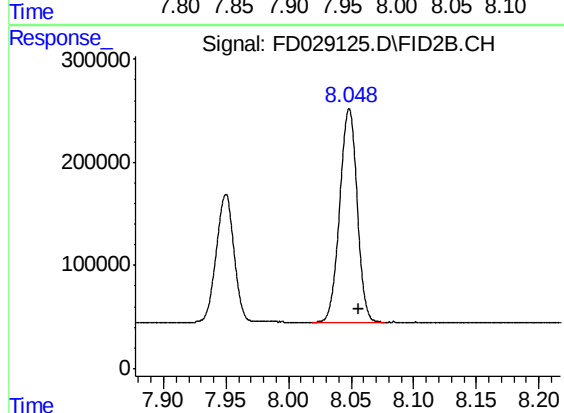
#5 Acenaphthylene (C15.06)

R.T.: 7.754 min
Delta R.T.: -0.007 min
Response: 1907040
Conc: 17.81 ug/ml



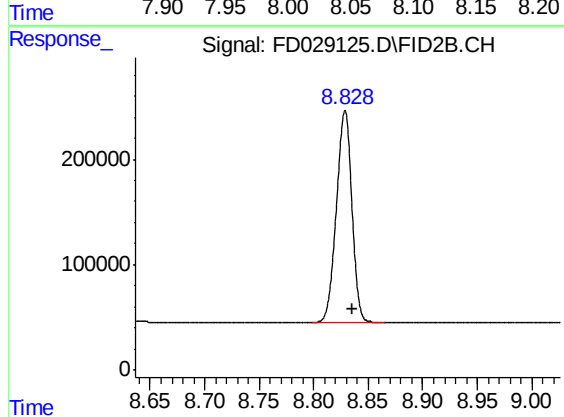
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.950 min
Delta R.T.: -0.007 min
Response: 1217358
Conc: 17.76 ug/ml



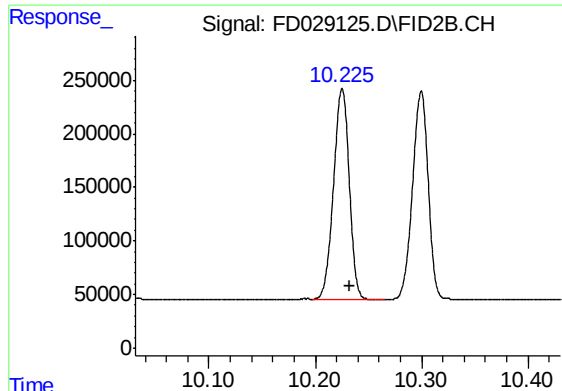
#7 Acenaphthene (C15.5)

R.T.: 8.049 min
Delta R.T.: -0.007 min
Response: 2002409
Conc: 17.82 ug/ml



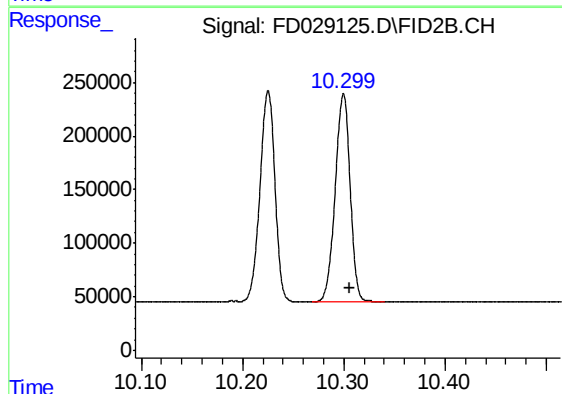
#8 Fluorene (C16.55)

R.T.: 8.829 min
Delta R.T.: -0.006 min
Response: 1988619
Conc: 17.77 ug/ml



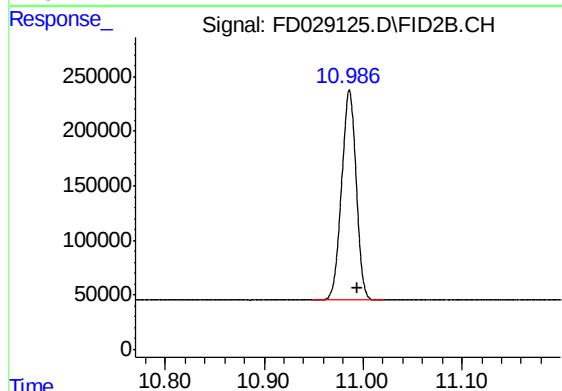
#9 Phenanthrene (C19.36)

R.T.: 10.225 min
Delta R.T.: -0.007 min
Response: 2014157
Conc: 18.76 ug/ml



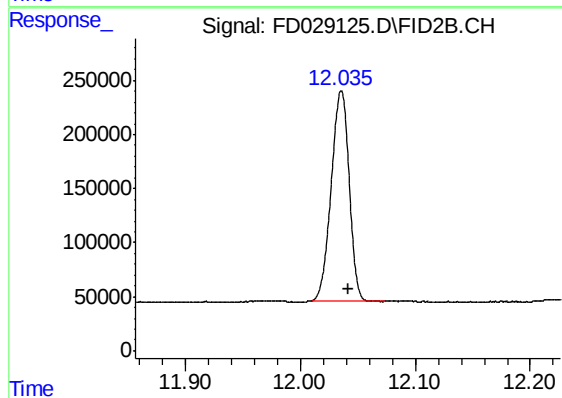
#10 Anthracene (C19.43)

R.T.: 10.300 min
Delta R.T.: -0.006 min
Response: 1985161
Conc: 18.66 ug/ml



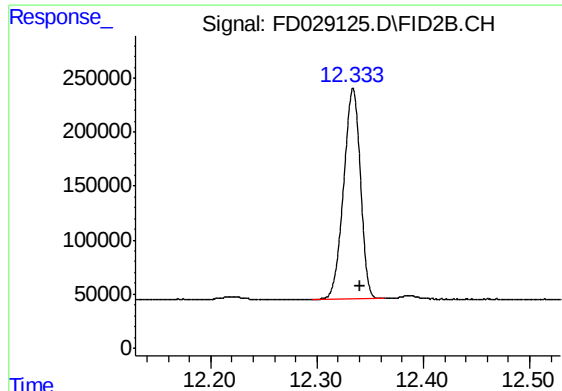
#11 ortho-Terphenyl (SURR)

R.T.: 10.986 min
Delta R.T.: -0.008 min
Response: 1975025
Conc: 18.54 ug/ml



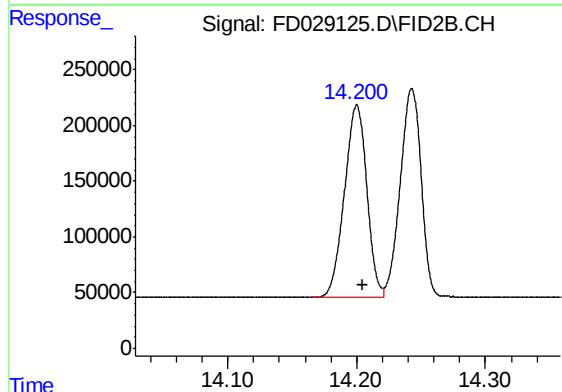
#12 Fluoranthene (C21.85)

R.T.: 12.036 min
Delta R.T.: -0.006 min
Response: 2104895
Conc: 20.95 ug/ml



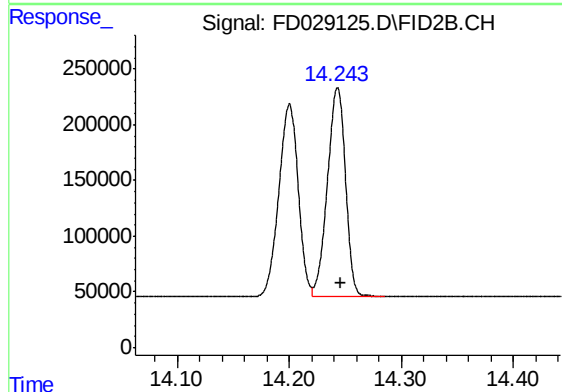
#13 Pyrene (C20.8)

R.T.: 12.334 min
Delta R.T.: -0.006 min
Response: 2137619
Conc: 21.06 ug/ml



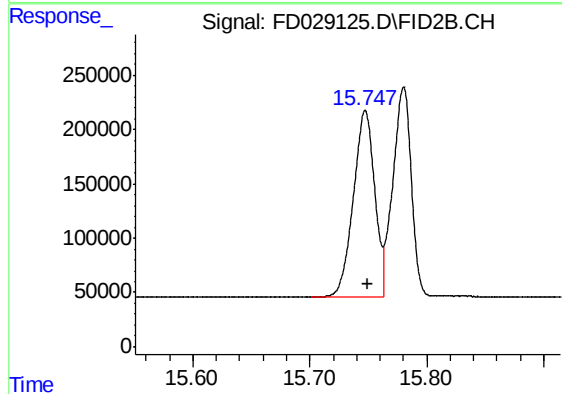
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.200 min
Delta R.T.: -0.004 min
Response: 2078942
Conc: 20.50 ug/ml



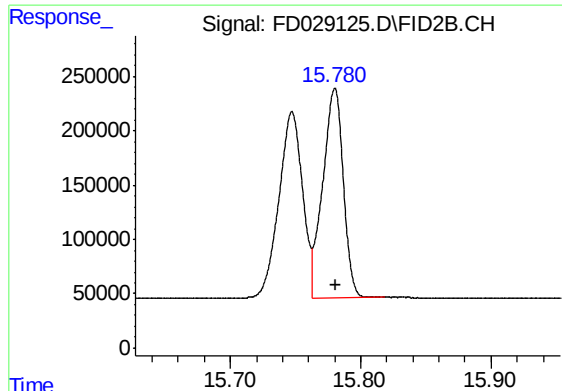
#15 Chrysene (C27.41)

R.T.: 14.243 min
Delta R.T.: -0.003 min
Response: 2096173
Conc: 20.56 ug/ml



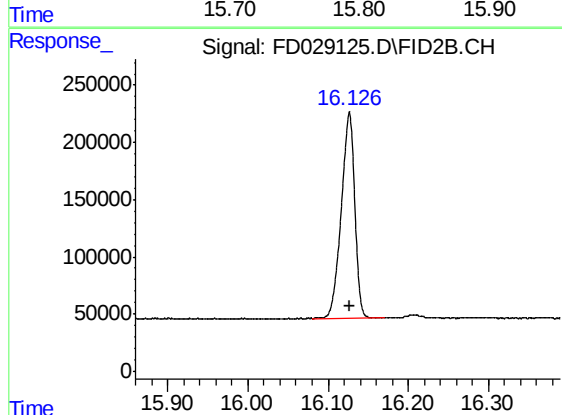
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.747 min
Delta R.T.: -0.002 min
Response: 2160054
Conc: 20.13 ug/ml



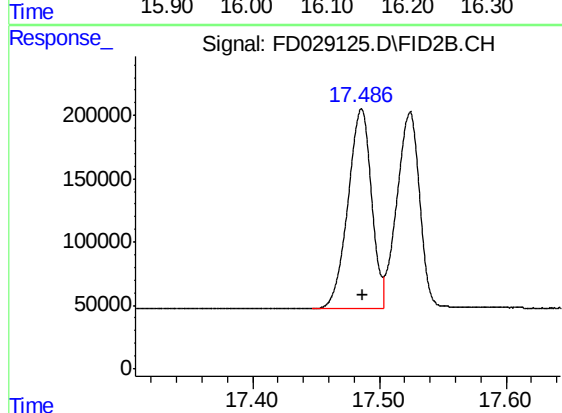
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.780 min
Delta R.T.: 0.000 min
Response: 2121780
Conc: 19.98 ug/ml



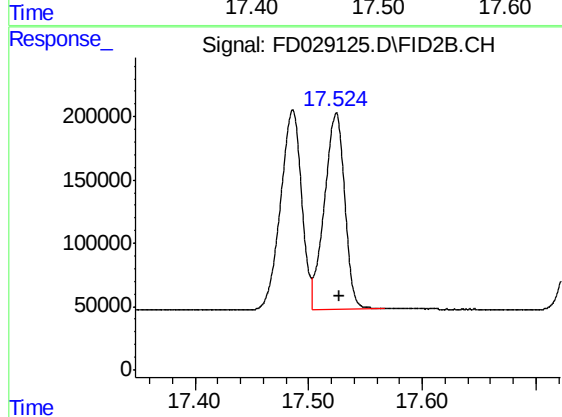
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.127 min
Delta R.T.: -0.001 min
Response: 2100656
Conc: 19.67 ug/ml



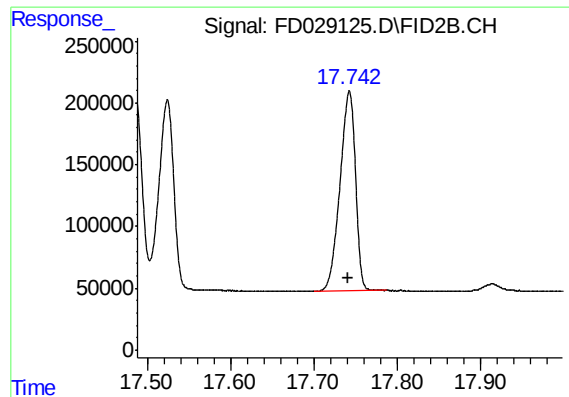
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 2026991
Conc: 18.77 ug/ml



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

R.T.: 17.524 min
Delta R.T.: -0.003 min
Response: 1919874
Conc: 18.11 ug/ml



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

R.T.: 17.743 min
Delta R.T.: 0.002 min
Response: 2089961
Conc: 19.52 ug/ml