

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050719AR\
 Data File : FD029118.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2019 9:44
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 10:18:27 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	1807676	18.123 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
6) S 2-Fluorobiphenyl (SURR)	7.950	1213336	17.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.41%
11) S ortho-Terphenyl (SURR)	10.987	1967674	18.468 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.910	1920593	20.315 ug/ml
2) T Naphthalene (C11.7)	5.430	2039012	19.080 ug/ml
3) T 2-Methylnaphthalene (...)	6.477	2011327	18.377 ug/ml
5) T Acenaphthylene (C15.06)	7.753	1902780	17.773 ug/ml
7) T Acenaphthene (C15.5)	8.049	1997734	17.774 ug/ml
8) T Fluorene (C16.55)	8.829	1980517	17.697 ug/ml
9) T Phenanthrene (C19.36)	10.226	1997391	18.606 ug/ml
10) T Anthracene (C19.43)	10.300	1975548	18.571 ug/ml
12) T Fluoranthene (C21.85)	12.036	2079845	20.699 ug/ml
13) T Pyrene (C20.8)	12.334	2112669	20.815 ug/ml
14) T Benzo[a]anthracene (C...	14.201	2063285	20.344 ug/ml
15) T Chrysene (C27.41)	14.243	2081008	20.413 ug/ml
16) T benzo[b]fluoranthene ...	15.750	2150976	20.048 ug/ml
17) T Bnezo[k]fluoranthene ...	15.780	2101355	19.790 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.126	2084169	19.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.486	2011300	18.622 ug/ml
20) T Dibenz[a,h]anthracene...	17.524	1903927	17.959 ug/ml
21) T Benzo[g,h,i]perylene ...	17.742	2083764	19.465 ug/ml

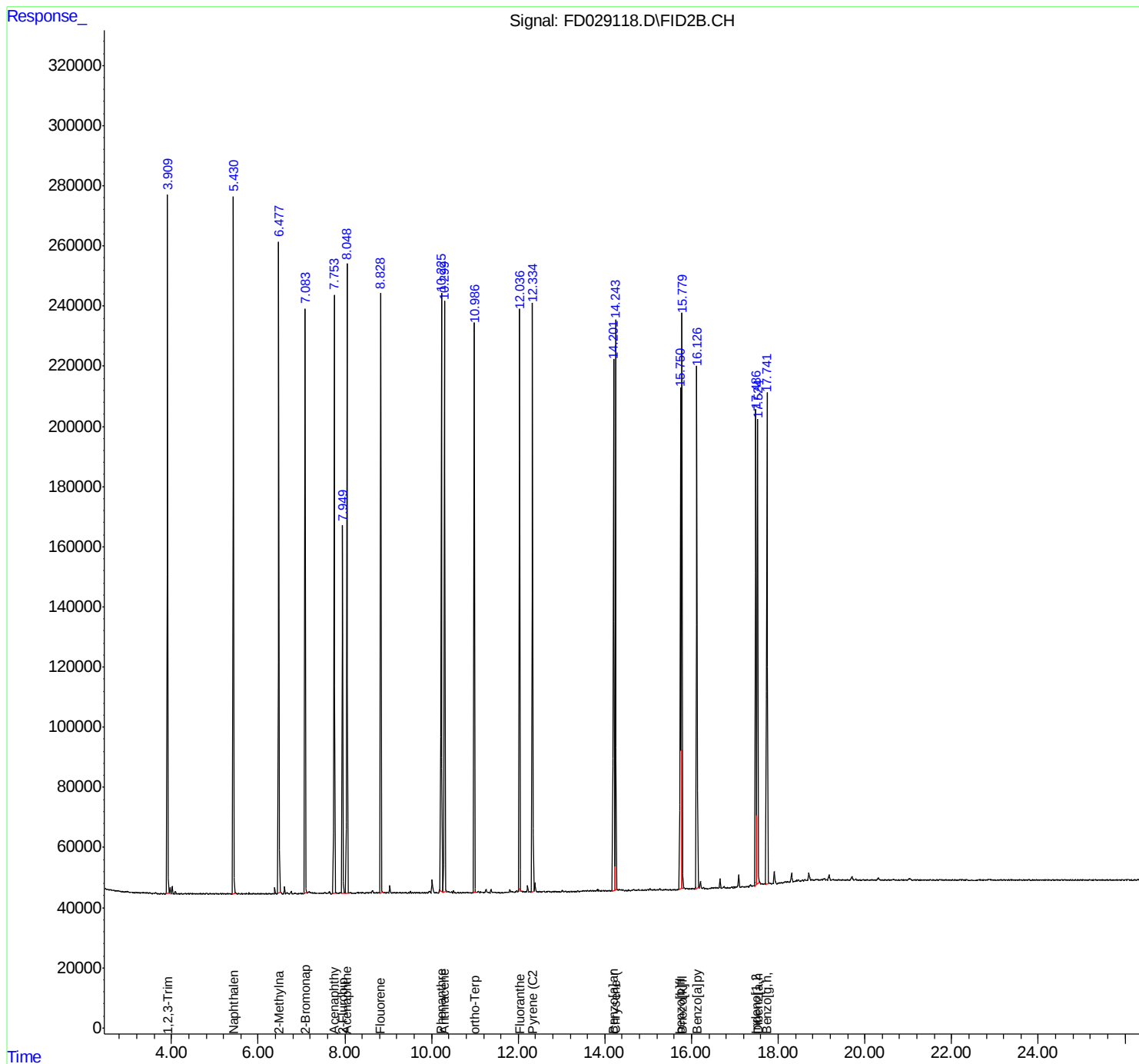
(f)=RT Delta > 1/2 Window

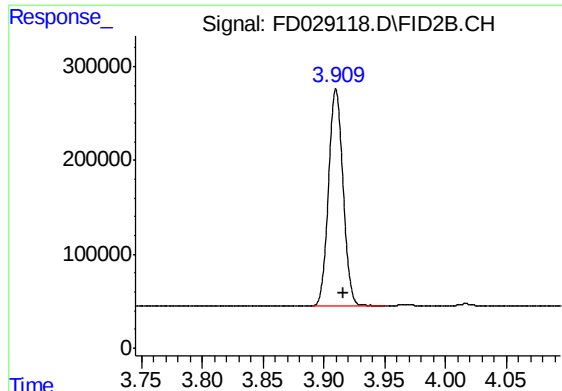
(m)=manual int.

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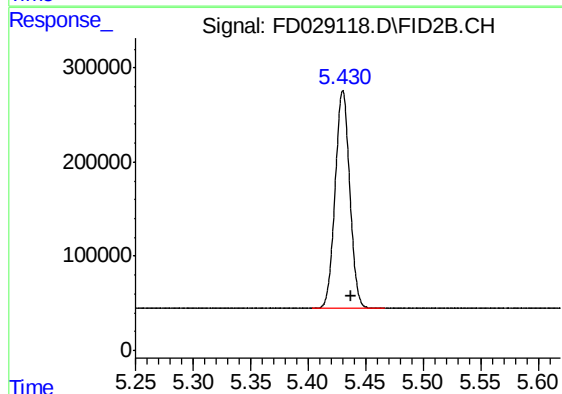
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





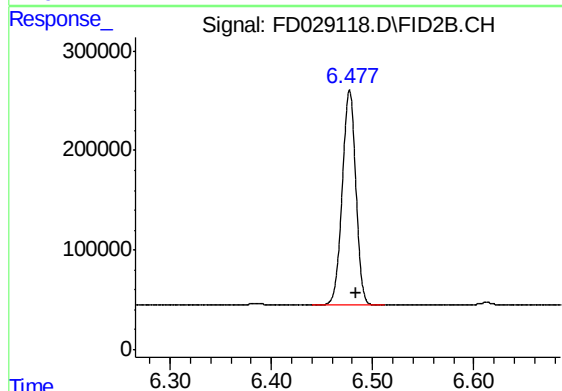
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.910 min
Delta R.T.: -0.006 min
Response: 1920593
Conc: 20.32 ug/ml



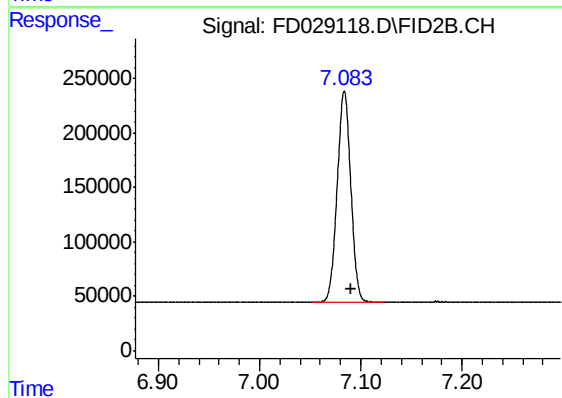
#2 Naphthalene (C11.7)

R.T.: 5.430 min
Delta R.T.: -0.007 min
Response: 2039012
Conc: 19.08 ug/ml



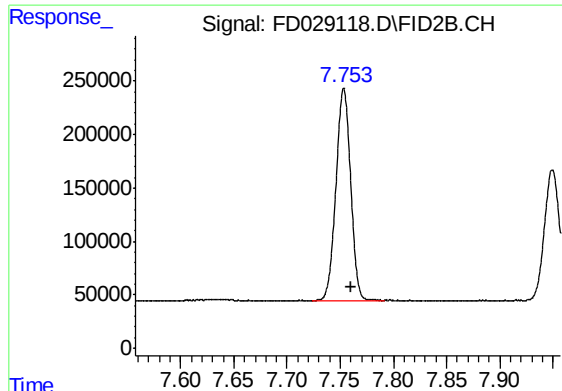
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 2011327
Conc: 18.38 ug/ml



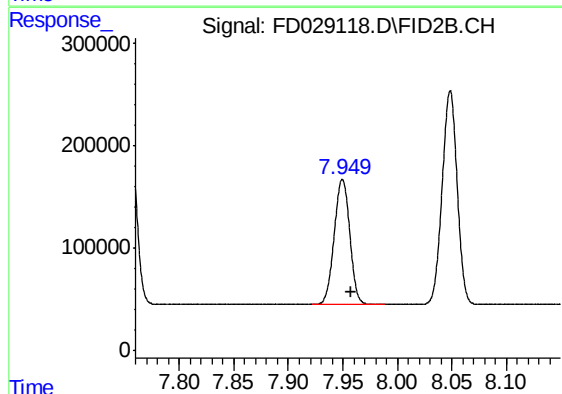
#4 2-Bromonaphthalene (SURR)

R.T.: 7.084 min
Delta R.T.: -0.007 min
Response: 1807676
Conc: 18.12 ug/ml



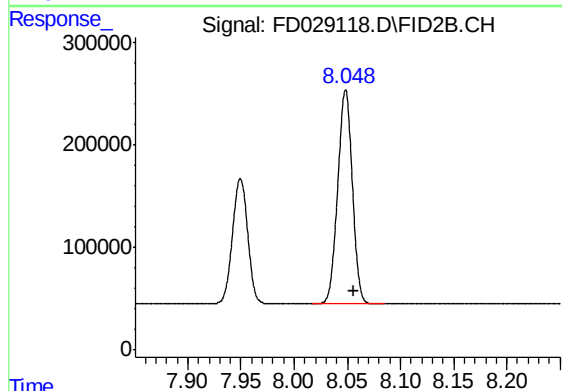
#5 Acenaphthylene (C15.06)

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 1902780
Conc: 17.77 ug/ml



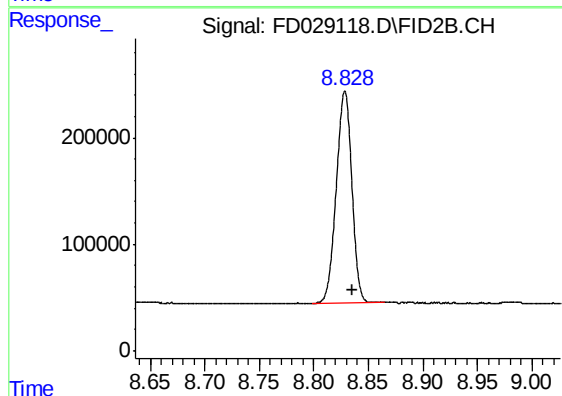
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.950 min
Delta R.T.: -0.008 min
Response: 1213336
Conc: 17.71 ug/ml



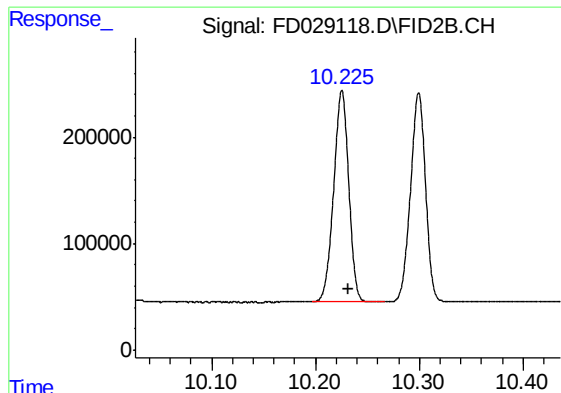
#7 Acenaphthene (C15.5)

R.T.: 8.049 min
Delta R.T.: -0.007 min
Response: 1997734
Conc: 17.77 ug/ml



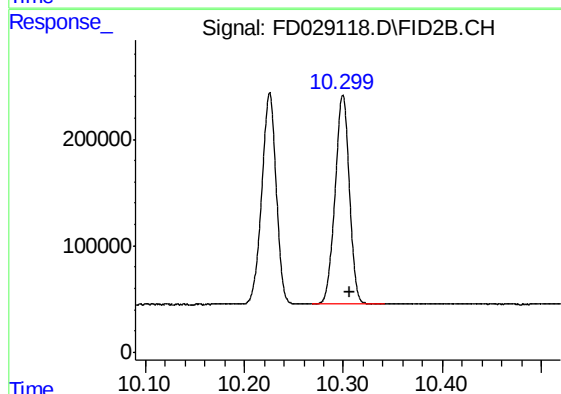
#8 Flouorene (C16.55)

R.T.: 8.829 min
Delta R.T.: -0.007 min
Response: 1980517
Conc: 17.70 ug/ml



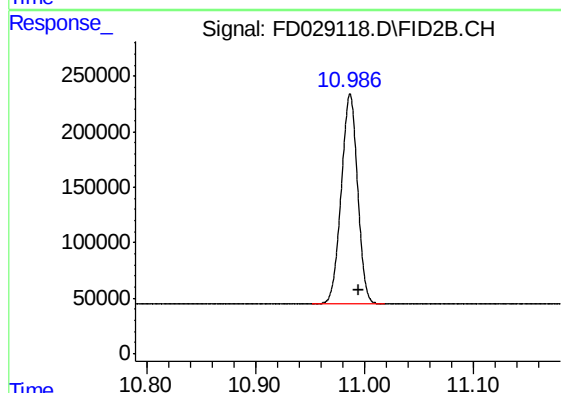
#9 Phenanthrene (C19.36)

R.T.: 10.226 min
Delta R.T.: -0.007 min
Response: 1997391
Conc: 18.61 ug/ml



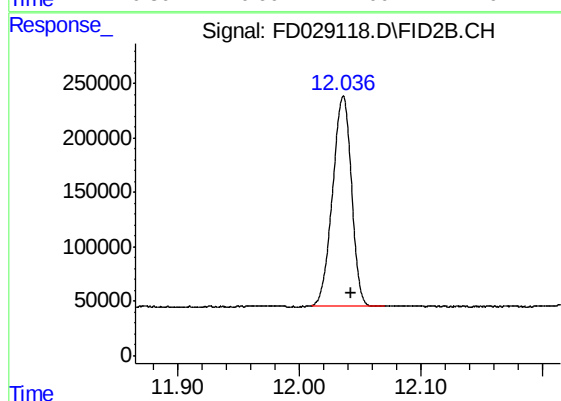
#10 Anthracene (C19.43)

R.T.: 10.300 min
Delta R.T.: -0.007 min
Response: 1975548
Conc: 18.57 ug/ml



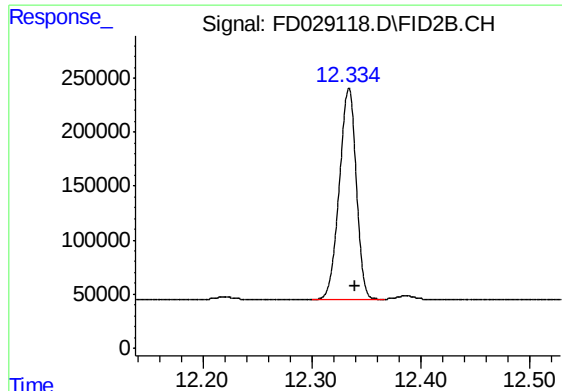
#11 ortho-Terphenyl (SURR)

R.T.: 10.987 min
Delta R.T.: -0.008 min
Response: 1967674
Conc: 18.47 ug/ml



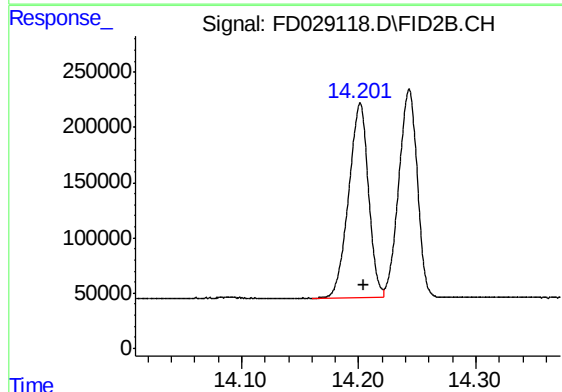
#12 Fluoranthene (C21.85)

R.T.: 12.036 min
Delta R.T.: -0.006 min
Response: 2079845
Conc: 20.70 ug/ml



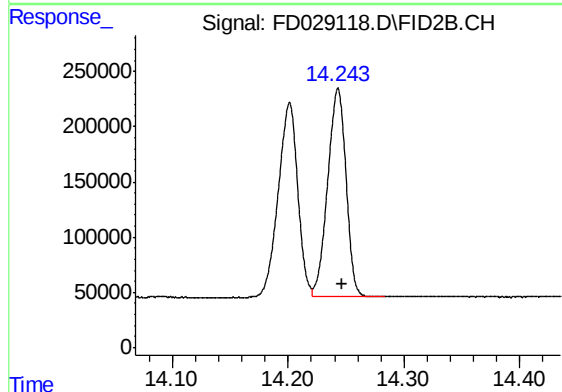
#13 Pyrene (C20.8)

R.T.: 12.334 min
Delta R.T.: -0.006 min
Response: 2112669
Conc: 20.81 ug/ml



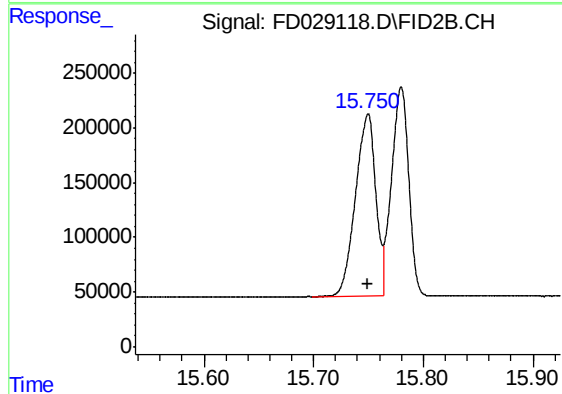
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.201 min
Delta R.T.: -0.003 min
Response: 2063285
Conc: 20.34 ug/ml



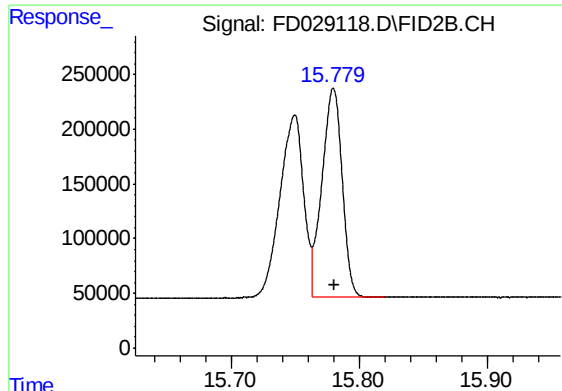
#15 Chrysene (C27.41)

R.T.: 14.243 min
Delta R.T.: -0.003 min
Response: 2081008
Conc: 20.41 ug/ml



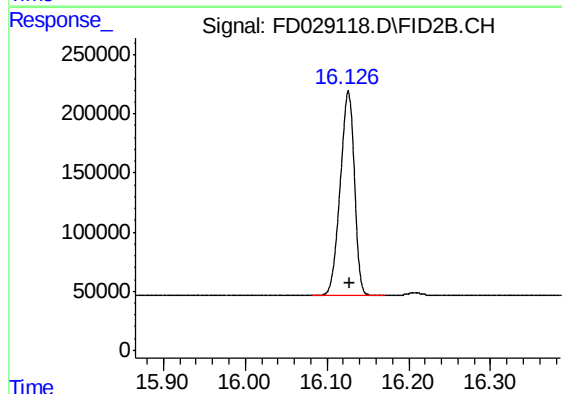
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.750 min
Delta R.T.: 0.000 min
Response: 2150976
Conc: 20.05 ug/ml



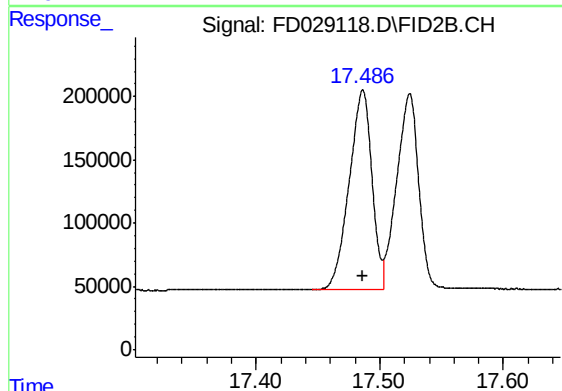
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.780 min
Delta R.T.: -0.001 min
Response: 2101355
Conc: 19.79 ug/ml



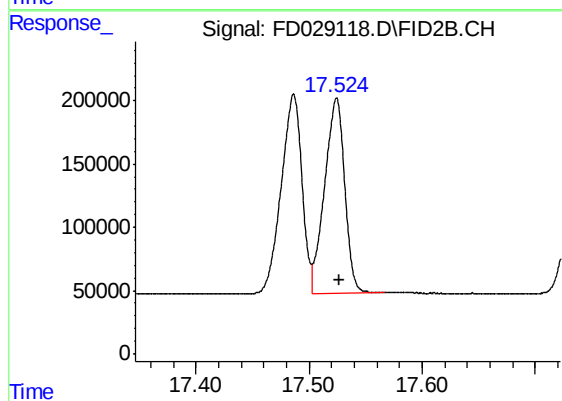
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.126 min
Delta R.T.: -0.002 min
Response: 2084169
Conc: 19.51 ug/ml



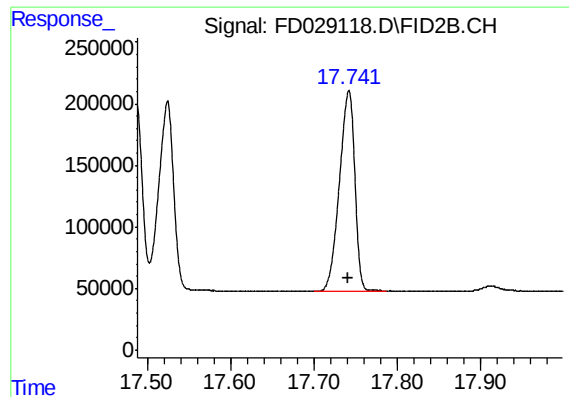
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 2011300
Conc: 18.62 ug/ml



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

R.T.: 17.524 min
Delta R.T.: -0.003 min
Response: 1903927
Conc: 17.96 ug/ml



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

R.T.: 17.742 min
Delta R.T.: 0.002 min
Response: 2083764
Conc: 19.46 ug/ml