

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100918AR\
 Data File : FD025917.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2018 5:38
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 10 07:52:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.424	1531250	19.615 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
6) S 2-Fluorobiphenyl (SURR)	8.276	1101801	19.996 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.99%
11) S ortho-Terphenyl (SURR)	11.319	1793479	20.851 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	1600825	18.899 ug/ml
2) T Naphthalene (C11.7)	5.758	1748789	19.094 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	1737434	19.460 ug/ml
5) T Acenaphthylene (C15.06)	8.080	1723051	19.799 ug/ml
7) T Acenaphthene (C15.5)	8.375	1800438	19.813 ug/ml
8) T Fluorene (C16.55)	9.154	1813129	20.179 ug/ml
9) T Phenanthrene (C19.36)	10.543	1878331	20.171 ug/ml
10) T Anthracene (C19.43)	10.617	1848698	20.190 ug/ml
12) T Fluoranthene (C21.85)	12.349	1990379	20.308 ug/ml
13) T Pyrene (C20.8)	12.644	2010193	20.186 ug/ml
14) T Benzo[a]anthracene (C...	14.512	1984316	20.530 ug/ml
15) T Chrysene (C27.41)	14.554	2013002	20.699 ug/ml
16) T benzo[b]fluoranthene ...	16.058	2037531	20.739 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	2057534	21.104 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	2002506	20.500 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	1841426	19.424 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	1765280	19.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	1939674	20.161 ug/ml

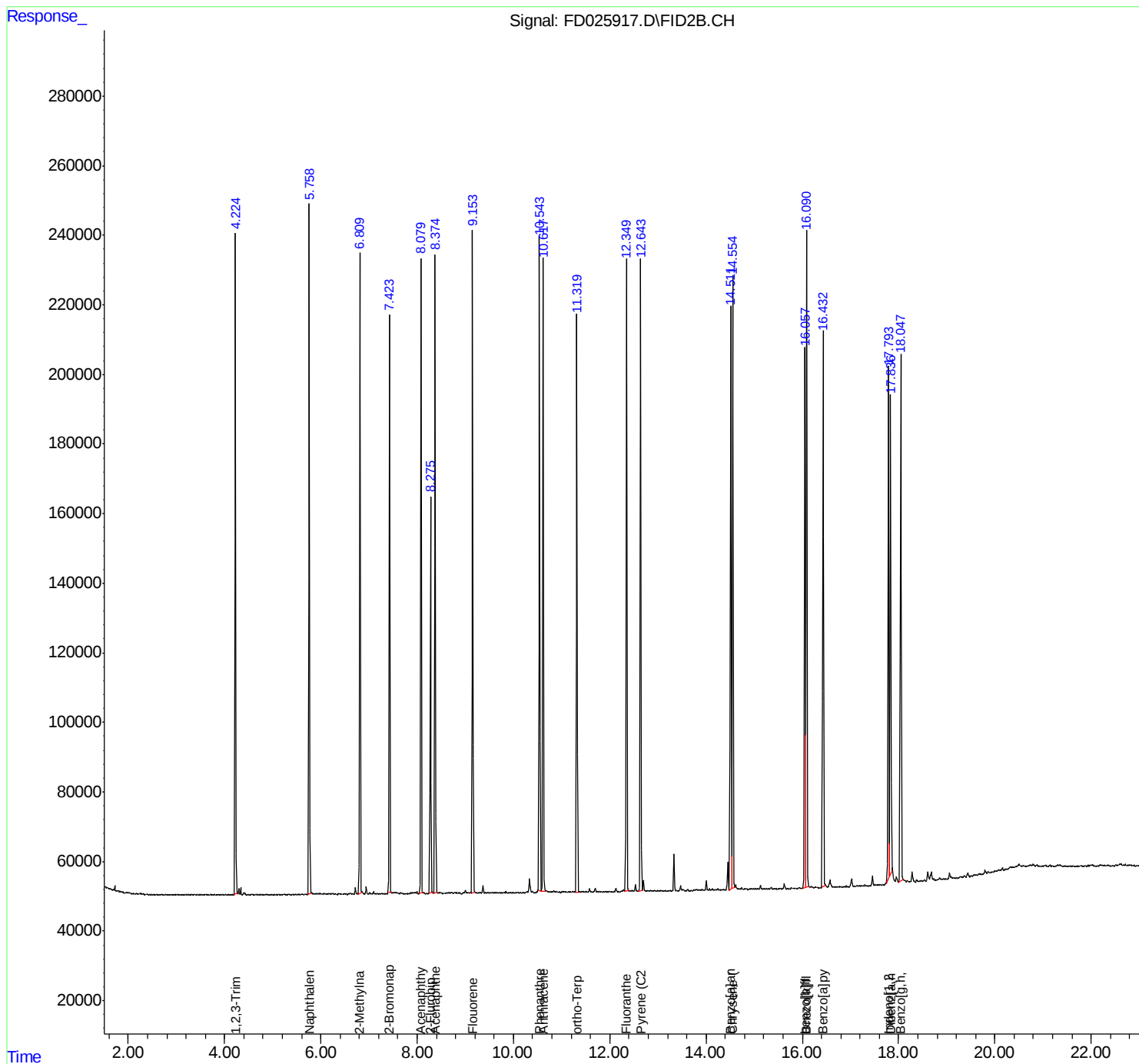
(f)=RT Delta > 1/2 Window

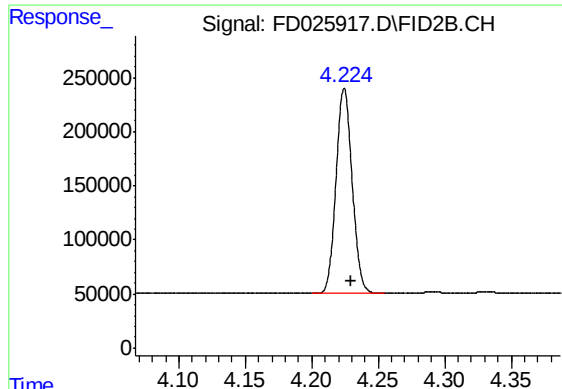
(m)=manual int.

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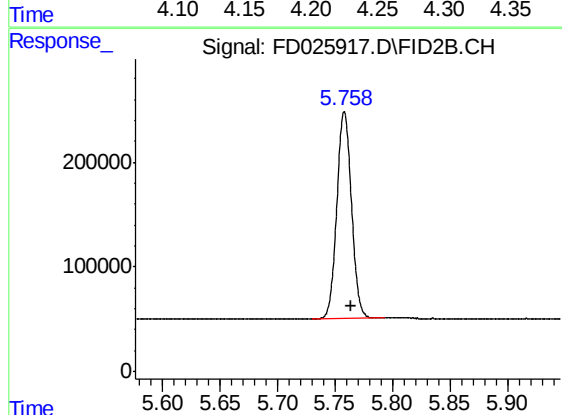
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Signal Info : 20M x 0.18mm x 0.18µm





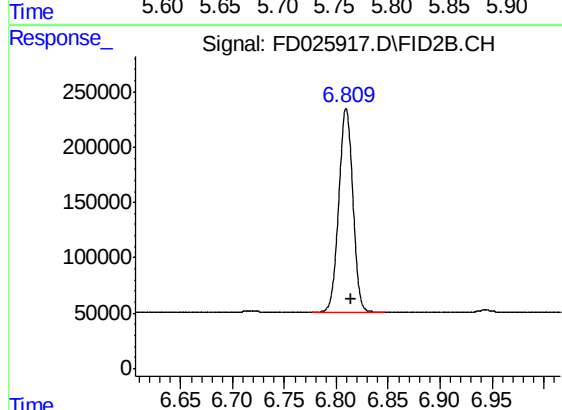
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 1600825
Conc: 18.90 ug/ml



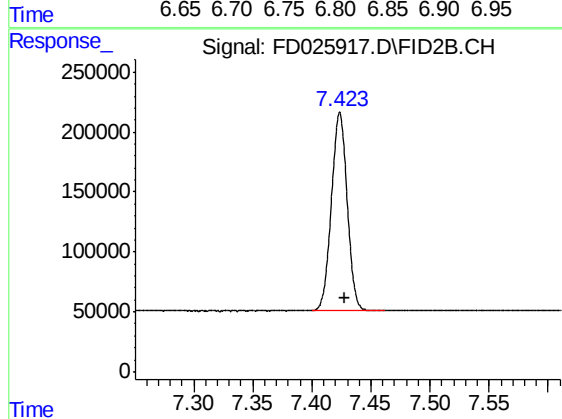
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 1748789
Conc: 19.09 ug/ml



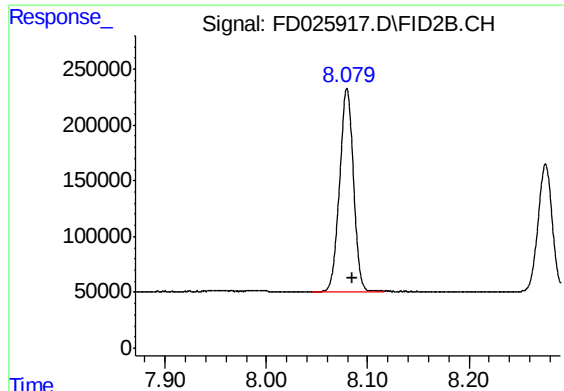
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 1737434
Conc: 19.46 ug/ml



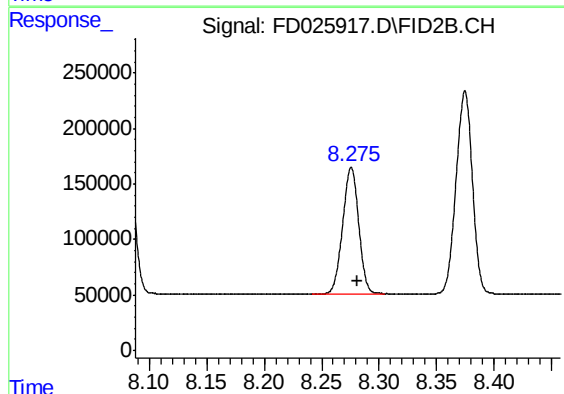
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min
Delta R.T.: -0.004 min
Response: 1531250
Conc: 19.61 ug/ml



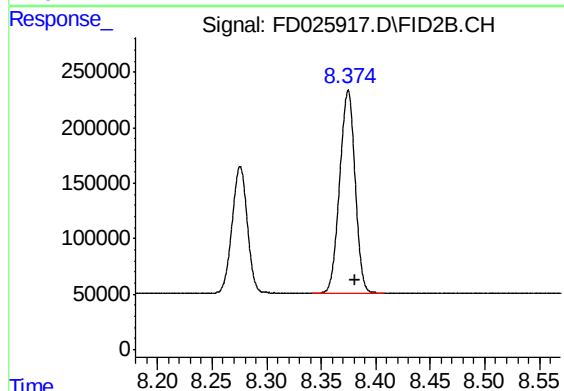
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.005 min
Response: 1723051
Conc: 19.80 ug/ml



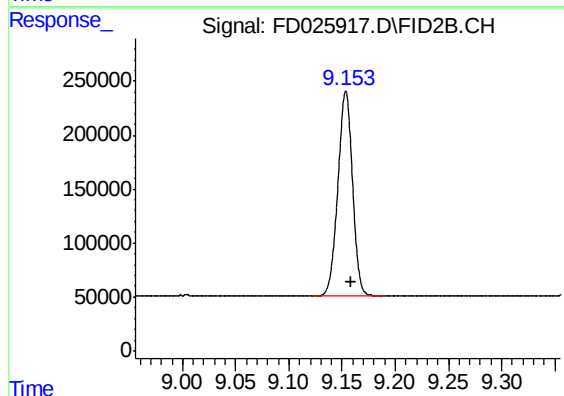
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.276 min
Delta R.T.: -0.005 min
Response: 1101801
Conc: 20.00 ug/ml



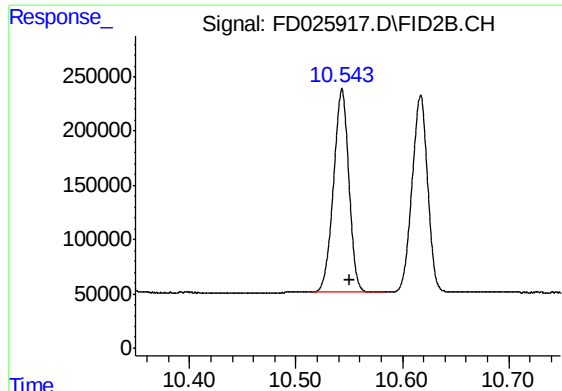
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.006 min
Response: 1800438
Conc: 19.81 ug/ml



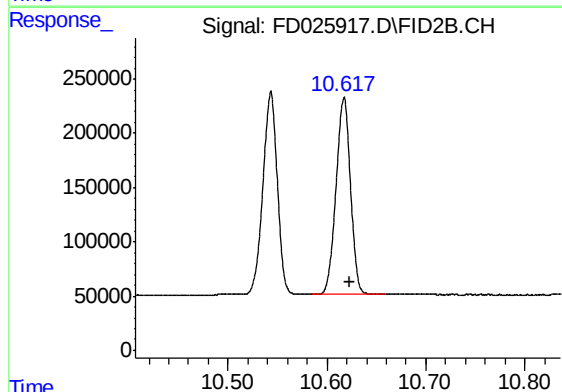
#8 Fluorene (C16.55)

R.T.: 9.154 min
Delta R.T.: -0.005 min
Response: 1813129
Conc: 20.18 ug/ml



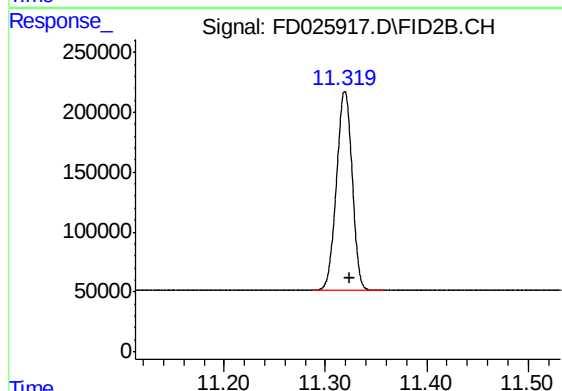
#9 Phenanthrene (C19.36)

R.T.: 10.543 min
Delta R.T.: -0.007 min
Response: 1878331
Conc: 20.17 ug/ml



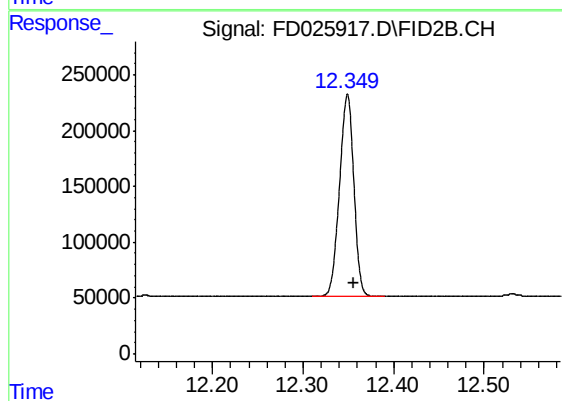
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.006 min
Response: 1848698
Conc: 20.19 ug/ml



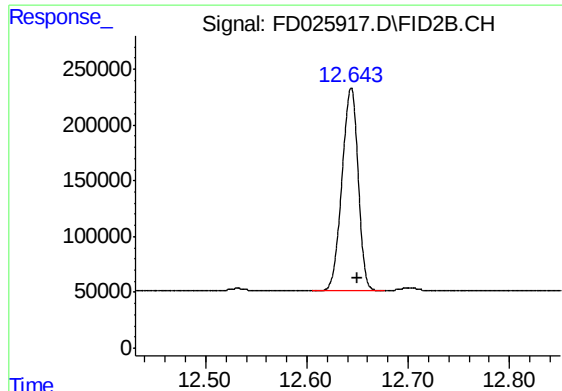
#11 ortho-Terphenyl (SURRE)

R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 1793479
Conc: 20.85 ug/ml



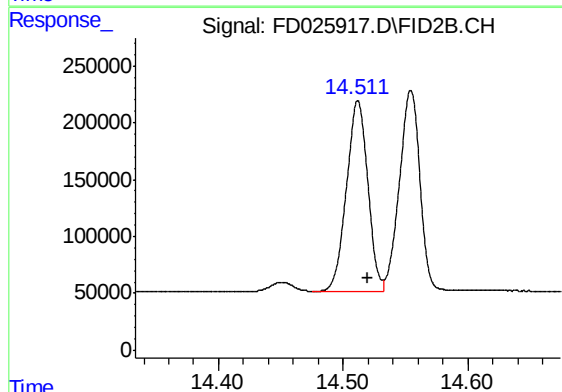
#12 Fluoranthene (C21.85)

R.T.: 12.349 min
Delta R.T.: -0.006 min
Response: 1990379
Conc: 20.31 ug/ml



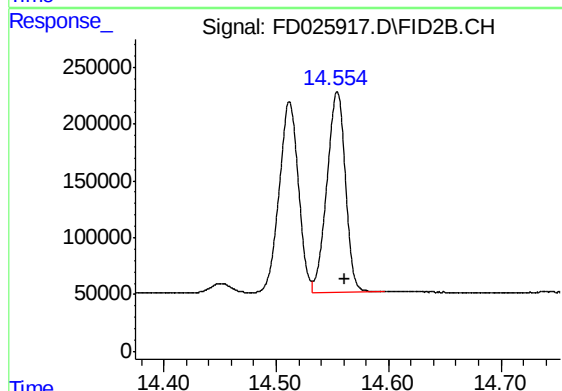
#13 Pyrene (C20.8)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 2010193
Conc: 20.19 ug/ml



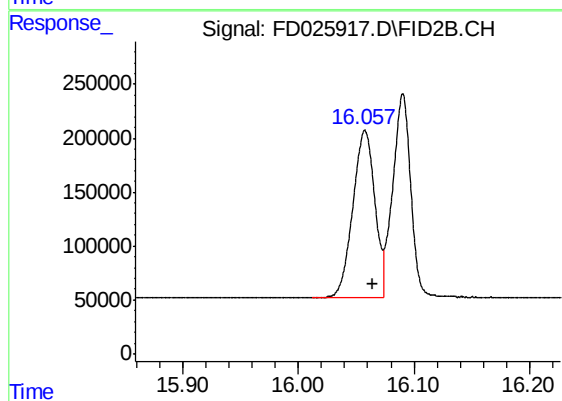
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.512 min
Delta R.T.: -0.007 min
Response: 1984316
Conc: 20.53 ug/ml



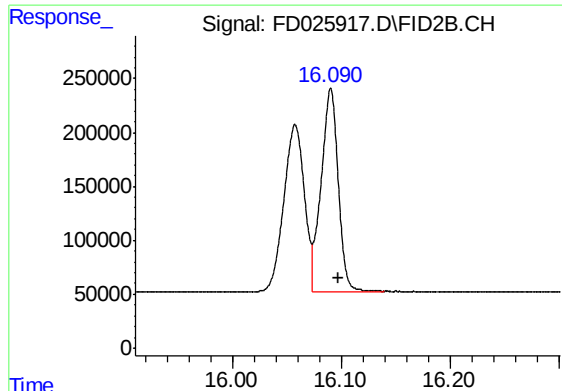
#15 Chrysene (C27.41)

R.T.: 14.554 min
Delta R.T.: -0.007 min
Response: 2013002
Conc: 20.70 ug/ml



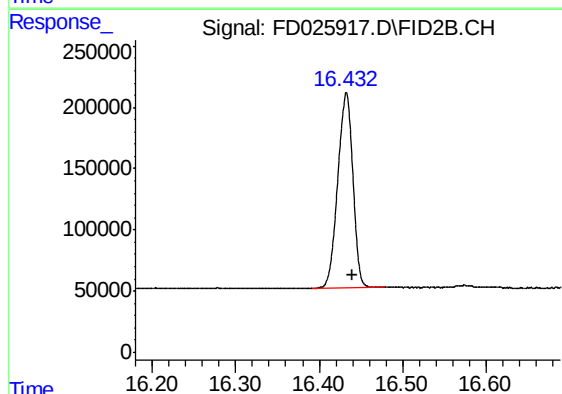
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.058 min
Delta R.T.: -0.007 min
Response: 2037531
Conc: 20.74 ug/ml



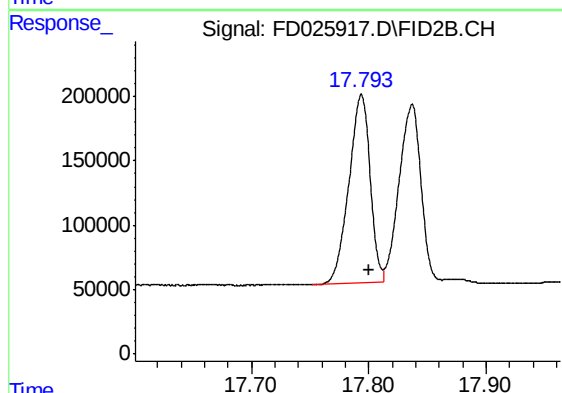
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.090 min
Delta R.T.: -0.006 min
Response: 2057534
Conc: 21.10 ug/ml



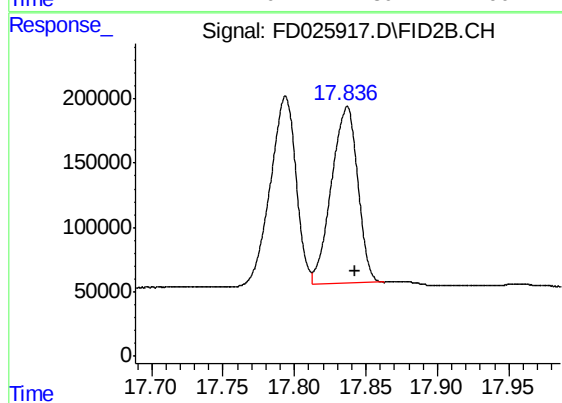
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.008 min
Response: 2002506
Conc: 20.50 ug/ml



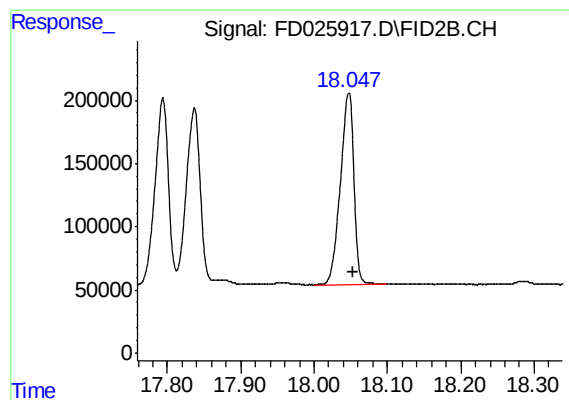
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.007 min
Response: 1841426
Conc: 19.42 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.006 min
Response: 1765280
Conc: 19.06 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.006 min
Response: 1939674
Conc: 20.16 ug/ml