

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102418AR\
 Data File : FD026064.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2018 12:52
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 13:25:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.414	1325274	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
6) S 2-Fluorobiphenyl (SURR)	8.266	925626	18.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.06%
11) S ortho-Terphenyl (SURR)	11.308	1458339	18.460 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	1513666	18.921 ug/ml
2) T Naphthalene (C11.7)	5.749	1587873	18.477 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	1526401	18.166 ug/ml
5) T Acenaphthylene (C15.06)	8.069	1478243	18.198 ug/ml
7) T Acenaphthene (C15.5)	8.364	1539345	18.169 ug/ml
8) T Flouorene (C16.55)	9.143	1515078	17.969 ug/ml
9) T Phenanthrene (C19.36)	10.533	1542440	18.293 ug/ml
10) T Anthracene (C19.43)	10.607	1506832	18.322 ug/ml
12) T Fluoranthene (C21.85)	12.337	1629453	19.148 ug/ml
13) T Pyrene (C20.8)	12.631	1653145	19.287 ug/ml
14) T Benzo[a]anthracene (C...	14.500	1670076	20.075 ug/ml
15) T Chrysene (C27.41)	14.542	1694524	20.170 ug/ml
16) T benzo[b]fluoranthene ...	16.047	1793763	20.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.078	1793513	20.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.422	1805380	20.022 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.784	1850158	19.742 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	1784882	19.695 ug/ml
21) T Benzo[g,h,i]perylene ...	18.037	1912045	19.866 ug/ml

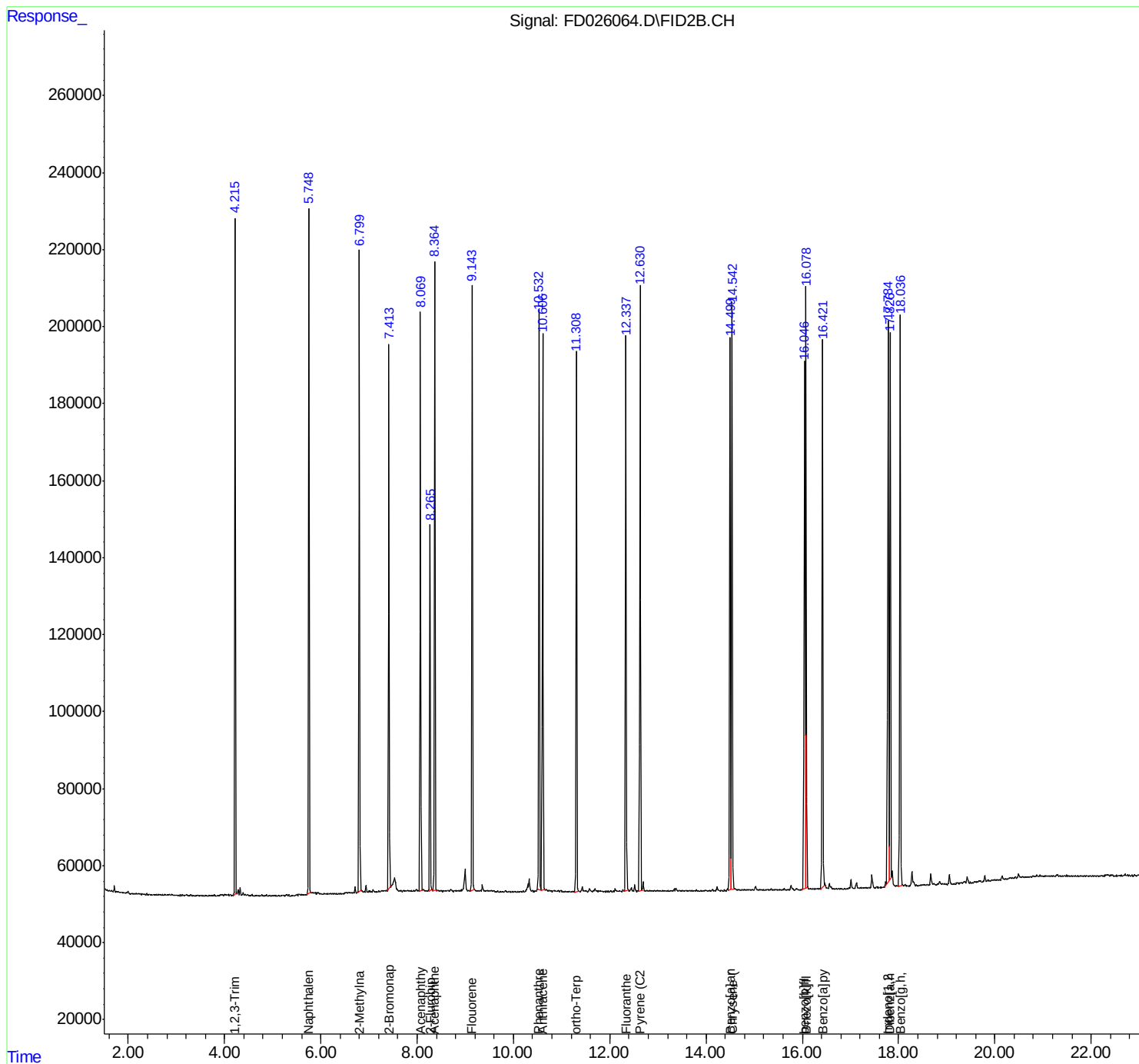
(f)=RT Delta > 1/2 Window

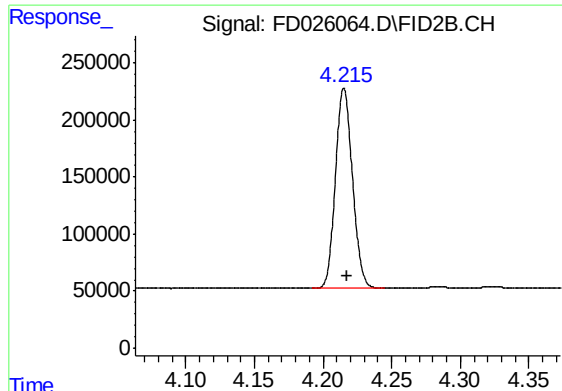
(m)=manual int.

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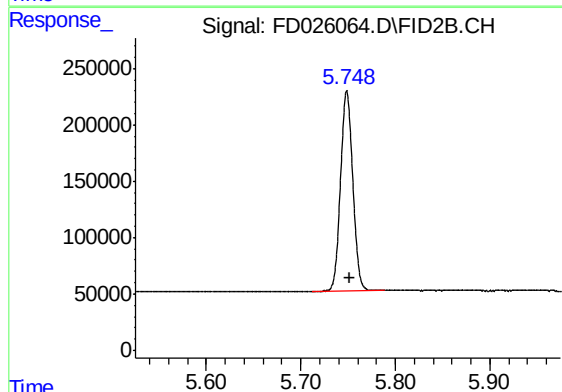
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





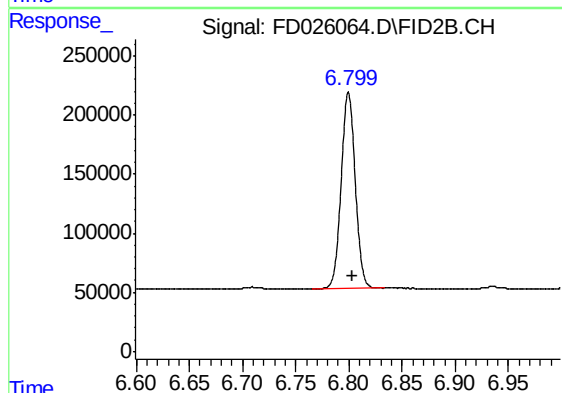
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 1513666
Conc: 18.92 ug/ml



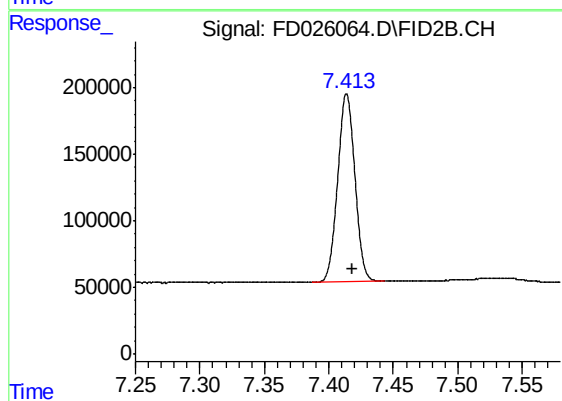
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 1587873
Conc: 18.48 ug/ml



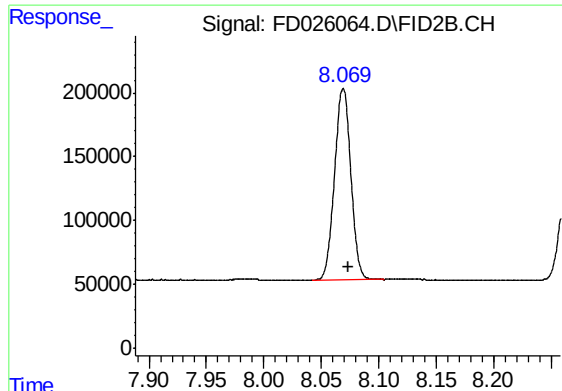
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 1526401
Conc: 18.17 ug/ml



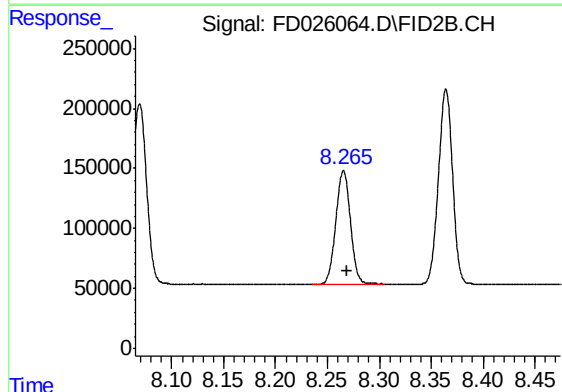
#4 2-Bromonaphthalene (SURR)

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 1325274
Conc: 17.93 ug/ml



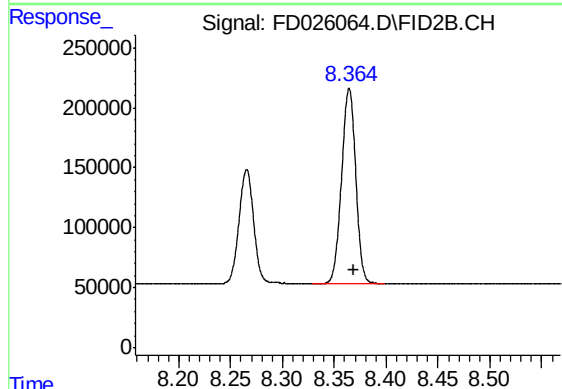
#5 Acenaphthylene (C15.06)

R.T.: 8.069 min
Delta R.T.: -0.005 min
Response: 1478243
Conc: 18.20 ug/ml



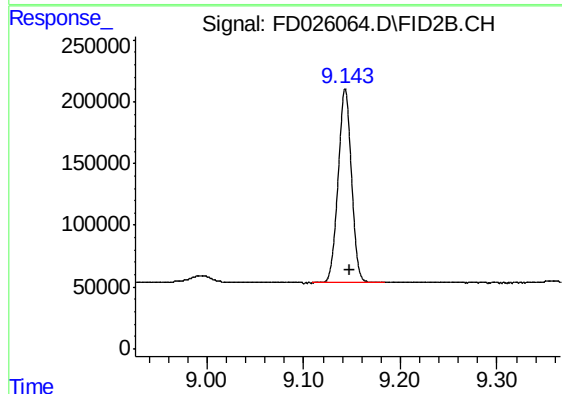
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 925626
Conc: 18.03 ug/ml



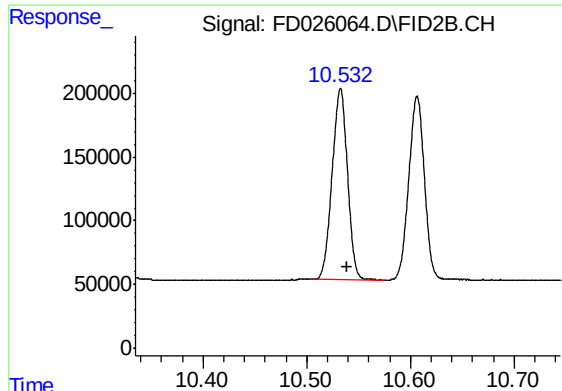
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.004 min
Response: 1539345
Conc: 18.17 ug/ml



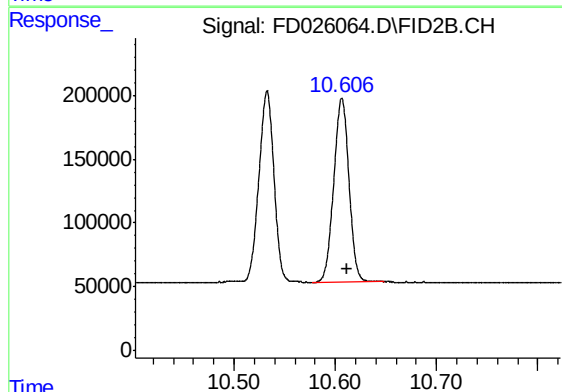
#8 Flouorene (C16.55)

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 1515078
Conc: 17.97 ug/ml



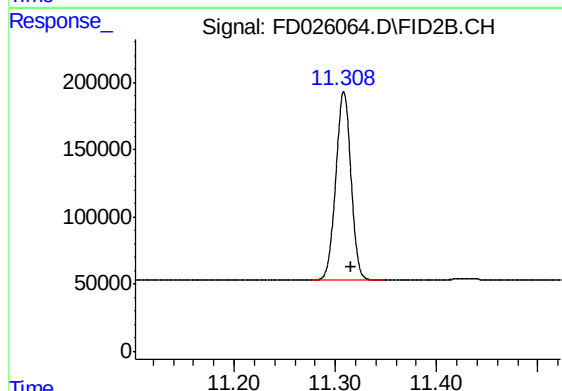
#9 Phenanthrene (C19.36)

R.T.: 10.533 min
Delta R.T.: -0.006 min
Response: 1542440
Conc: 18.29 ug/ml



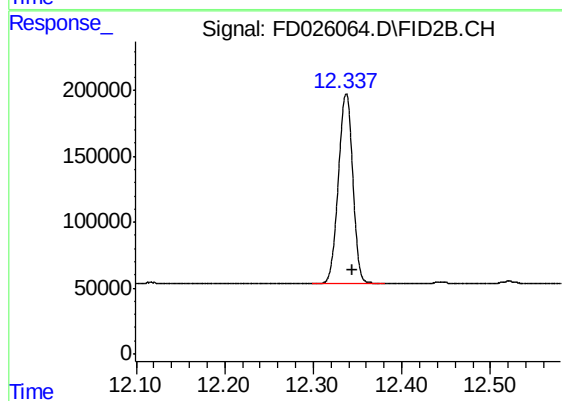
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.005 min
Response: 1506832
Conc: 18.32 ug/ml



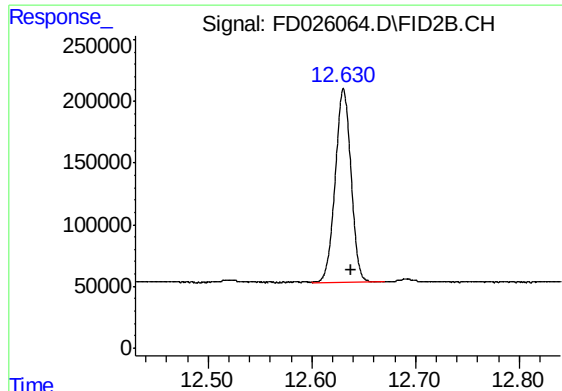
#11 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: -0.007 min
Response: 1458339
Conc: 18.46 ug/ml



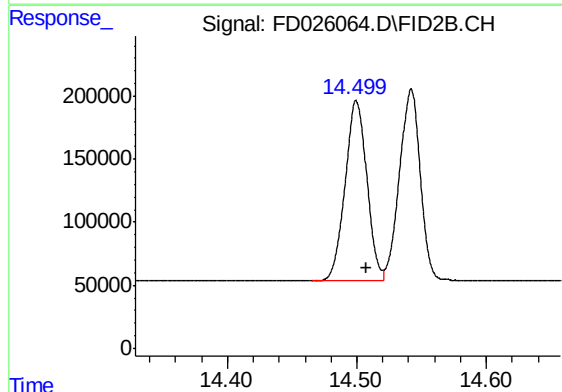
#12 Fluoranthene (C21.85)

R.T.: 12.337 min
Delta R.T.: -0.007 min
Response: 1629453
Conc: 19.15 ug/ml



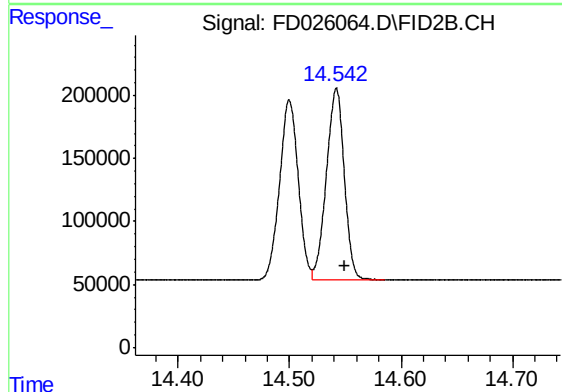
#13 Pyrene (C20.8)

R.T.: 12.631 min
Delta R.T.: -0.008 min
Response: 1653145
Conc: 19.29 ug/ml



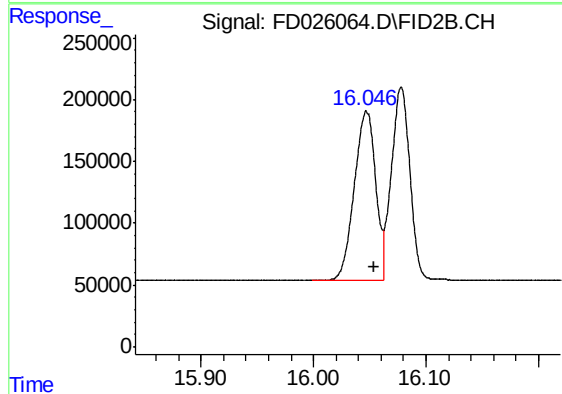
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.008 min
Response: 1670076
Conc: 20.08 ug/ml



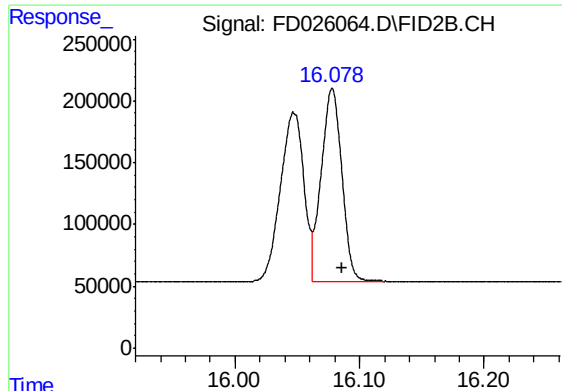
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.007 min
Response: 1694524
Conc: 20.17 ug/ml



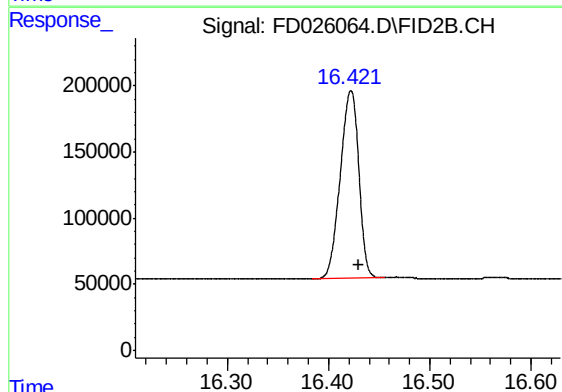
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.047 min
Delta R.T.: -0.007 min
Response: 1793763
Conc: 20.05 ug/ml



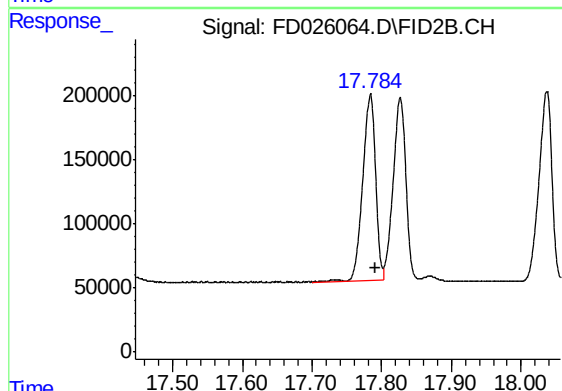
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.078 min
Delta R.T.: -0.008 min
Response: 1793513
Conc: 20.12 ug/ml



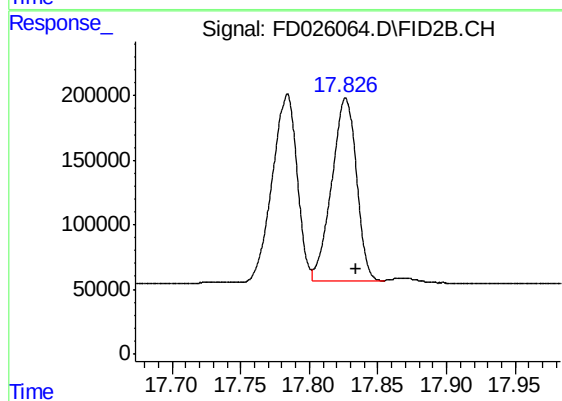
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: -0.007 min
Response: 1805380
Conc: 20.02 ug/ml



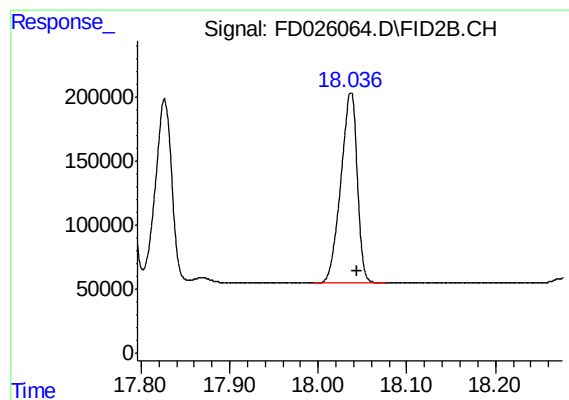
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.784 min
Delta R.T.: -0.008 min
Response: 1850158
Conc: 19.74 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.008 min
Response: 1784882
Conc: 19.70 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.006 min
Response: 1912045
Conc: 19.87 ug/ml