

Data Path : P:\HPCHEM1\FID_D\Data\FD032718AR\
 Data File : FD022652.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2018 10:53
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 02:08:52 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.320	1526935	17.651 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
6) S 2-Fluorobiphenyl (SURR)	8.182	933917	17.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.36%
11) S ortho-Terphenyl (SURR)	11.195	1929986	18.157 ug/ml
Spiked Amount 50.000		Recovery =	36.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.129	1529201	15.701 ug/ml
2) T Naphthalene (C11.7)	5.661	1585572	17.074 ug/ml
3) T 2-Methylnaphthalene (...)	6.709	1572533	17.107 ug/ml
5) T Acenaphthylene (C15.06)	7.973	1823743	18.085 ug/ml
7) T Acenaphthene (C15.5)	8.264	2010359	18.294 ug/ml
8) T Fluorene (C16.55)	9.048	1839251	18.262 ug/ml
9) T Phenanthrene (C19.36)	10.439	1903114	18.083 ug/ml
10) T Anthracene (C19.43)	10.518	1918703	17.882 ug/ml
12) T Fluoranthene (C21.85)	12.249	2037012	17.971 ug/ml
13) T Pyrene (C20.8)	12.541	2083559	18.567 ug/ml
14) T Benzo[a]anthracene (C...	14.420	1743182	16.880 ug/ml
15) T Chrysene (C27.41)	14.460	2072476	17.850 ug/ml
16) T benzo[b]fluoranthene ...	15.974	1789219	17.220 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.005	2182218	18.003 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	1790052	16.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	975890	14.574 ug/mlm
20) T Dibenz[a,h]anthracene...	17.767	2065719	16.998 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	1306874	15.848 ug/ml

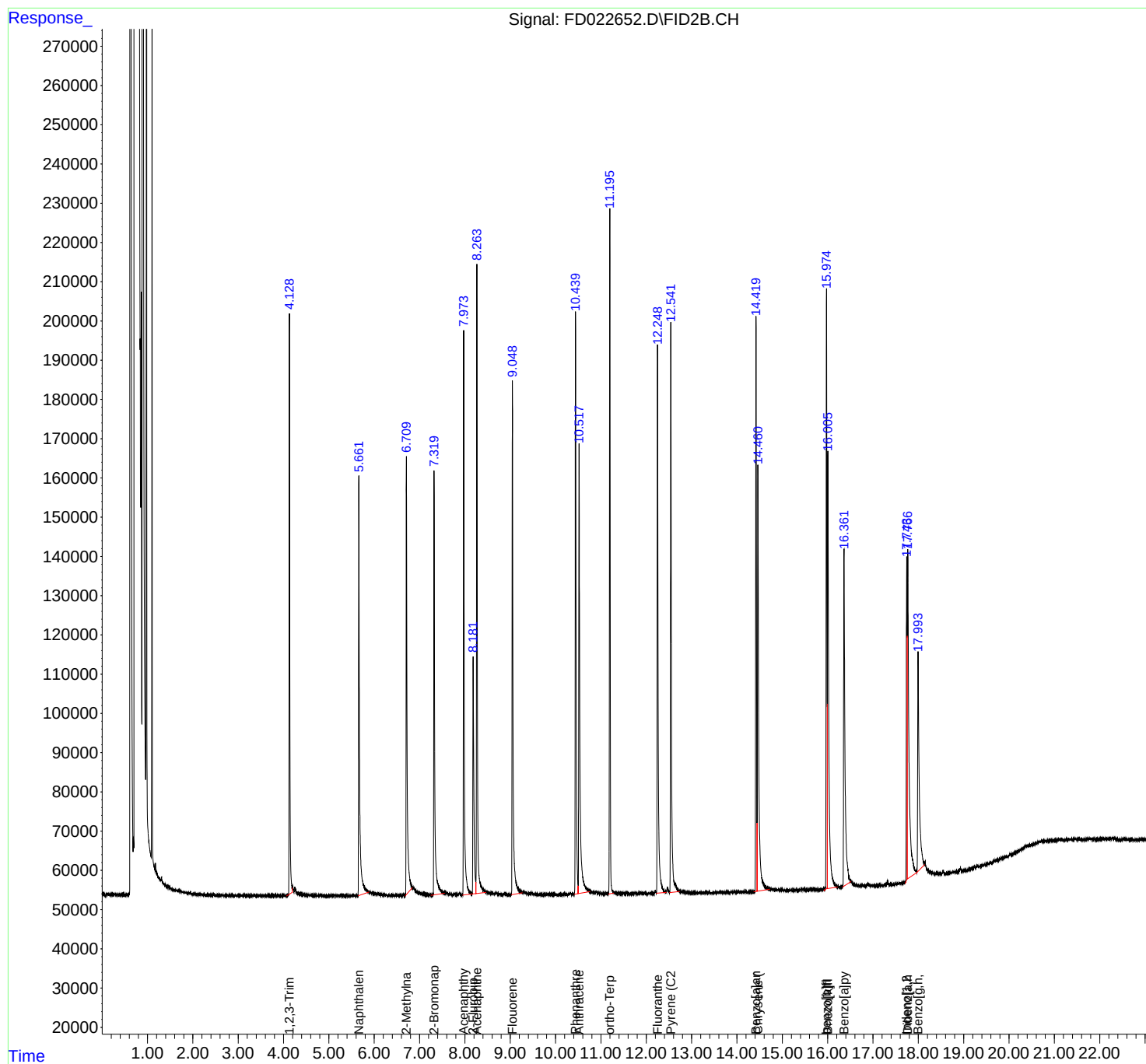
(f)=RT Delta > 1/2 Window

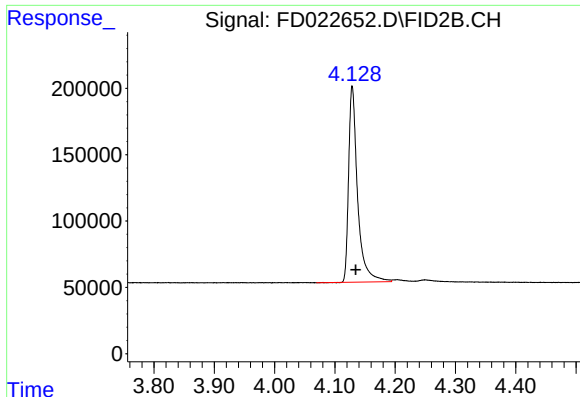
(m)=manual int.

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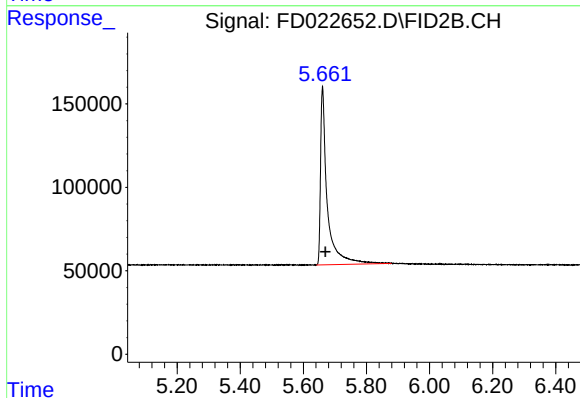
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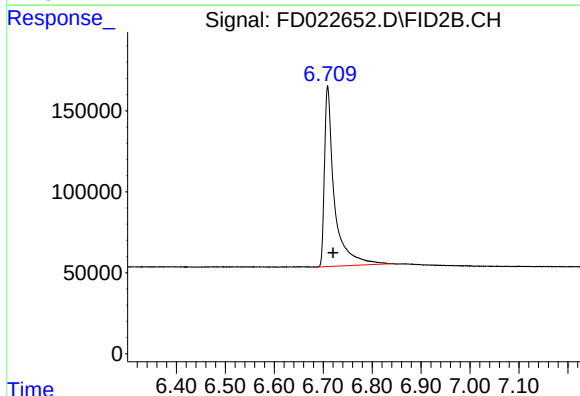
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 1529201
Conc: 15.70 ug/ml



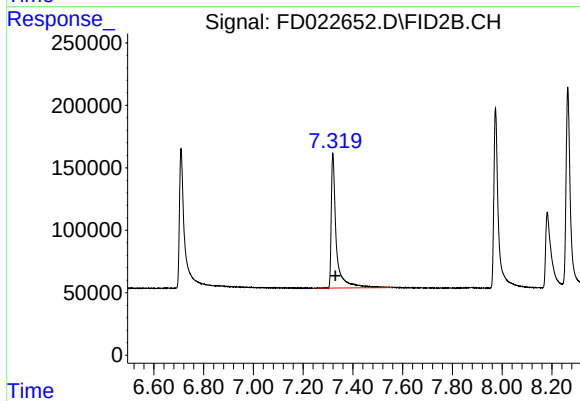
#2 Naphthalene (C11.7)

R.T.: 5.661 min
Delta R.T.: -0.010 min
Response: 1585572
Conc: 17.07 ug/ml



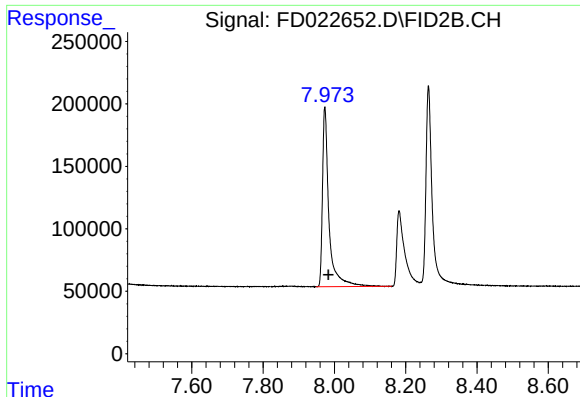
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.709 min
Delta R.T.: -0.011 min
Response: 1572533
Conc: 17.11 ug/ml



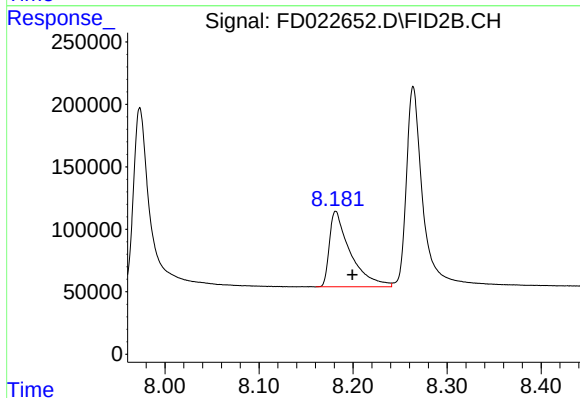
#4 2-Bromonaphthalene (SURR)

R.T.: 7.320 min
Delta R.T.: -0.010 min
Response: 1526935
Conc: 17.65 ug/ml



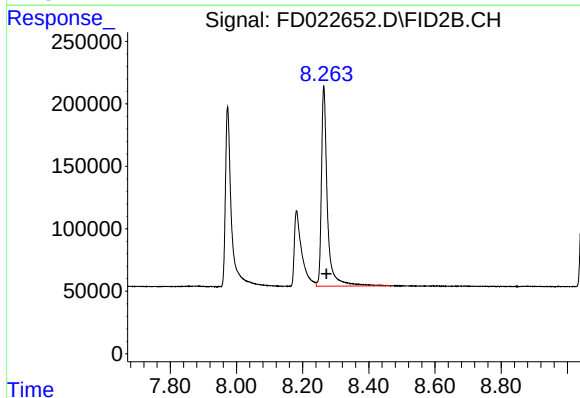
#5 Acenaphthylene (C15.06)

R.T.: 7.973 min
Delta R.T.: -0.009 min
Response: 1823743
Conc: 18.08 ug/ml



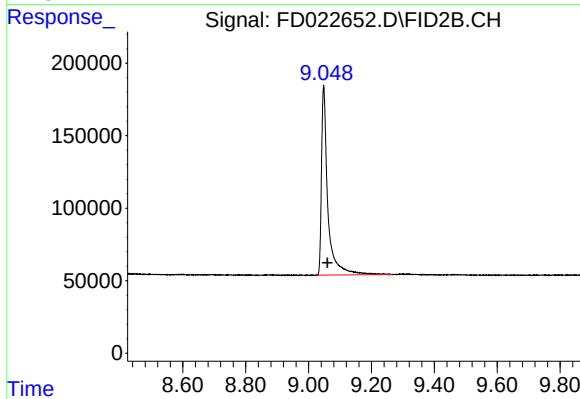
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.018 min
Response: 933917
Conc: 17.68 ug/ml



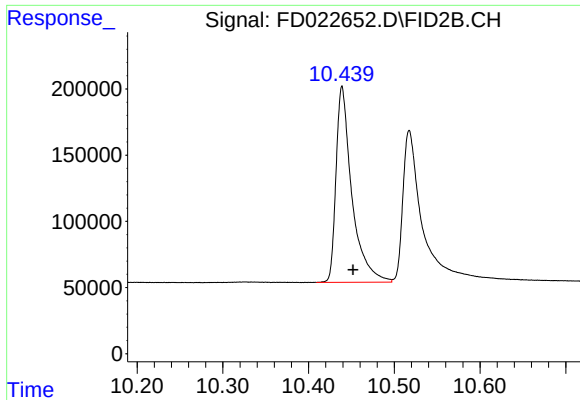
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 2010359
Conc: 18.29 ug/ml



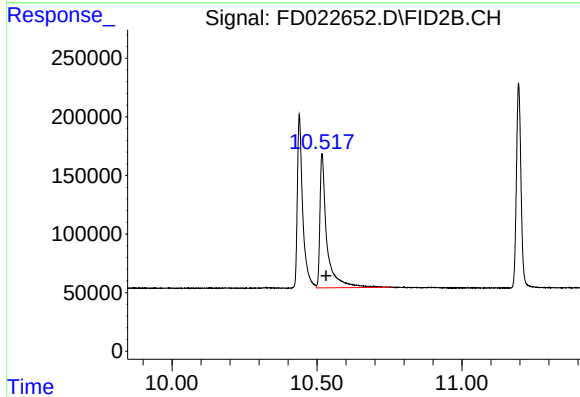
#8 Flouorene (C16.55)

R.T.: 9.048 min
Delta R.T.: -0.012 min
Response: 1839251
Conc: 18.26 ug/ml



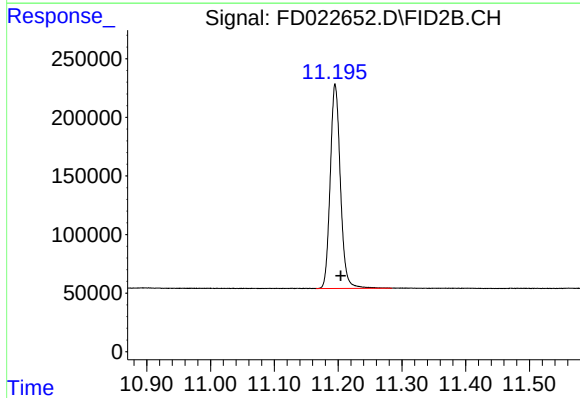
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.013 min
Response: 1903114
Conc: 18.08 ug/ml



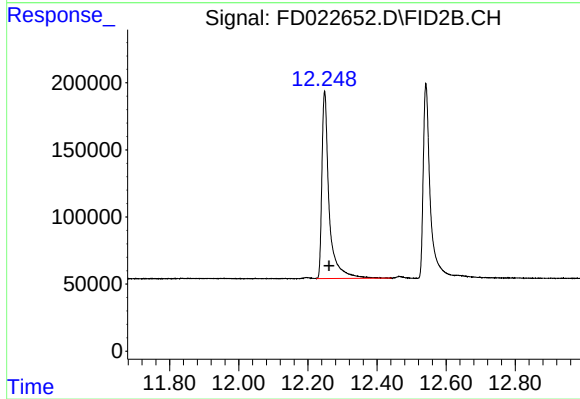
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.014 min
Response: 1918703
Conc: 17.88 ug/ml



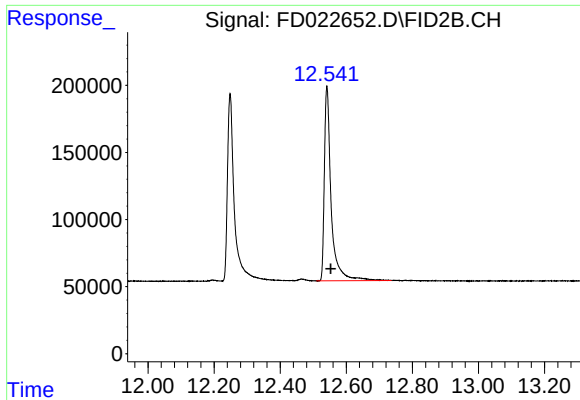
#11 ortho-Terphenyl (SURR)

R.T.: 11.195 min
Delta R.T.: -0.008 min
Response: 1929986
Conc: 18.16 ug/ml



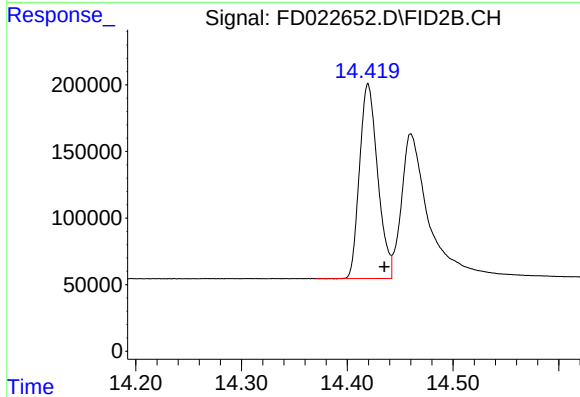
#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: -0.012 min
Response: 2037012
Conc: 17.97 ug/ml



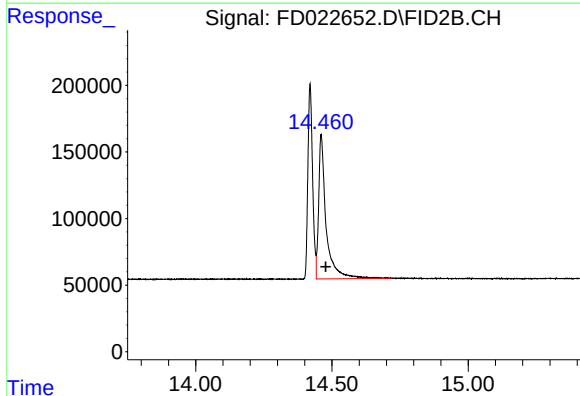
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.012 min
Response: 2083559
Conc: 18.57 ug/ml



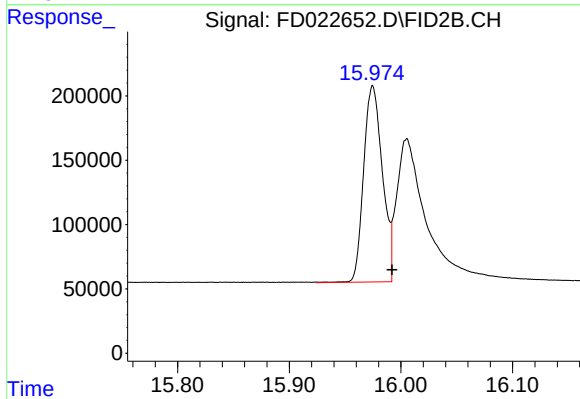
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.015 min
Response: 1743182
Conc: 16.88 ug/ml



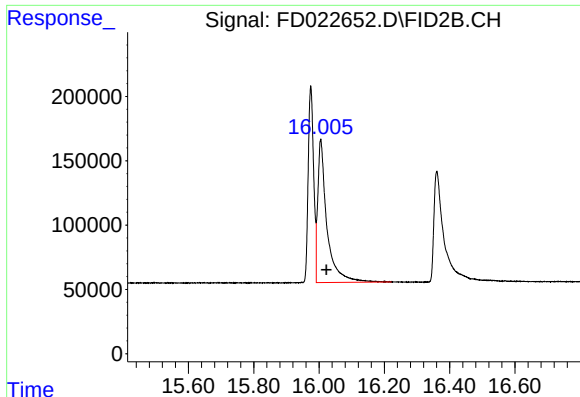
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: -0.017 min
Response: 2072476
Conc: 17.85 ug/ml



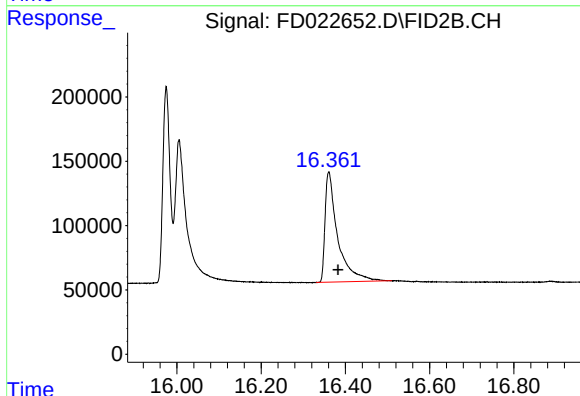
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.974 min
Delta R.T.: -0.018 min
Response: 1789219
Conc: 17.22 ug/ml m



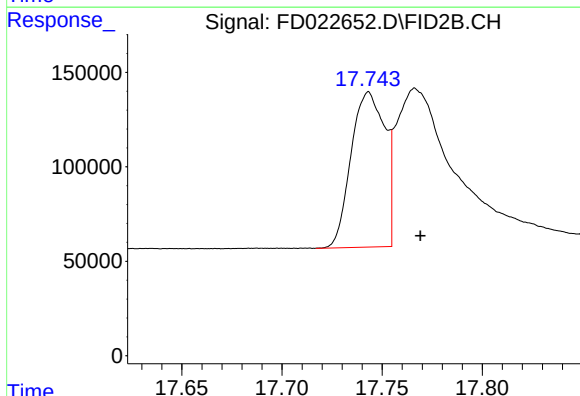
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.018 min
Response: 2182218
Conc: 18.00 ug/ml



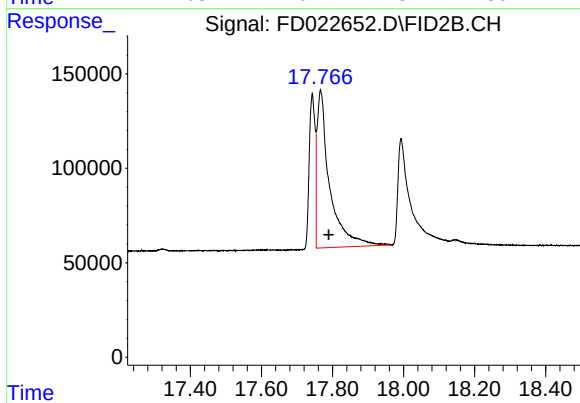
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.022 min
Response: 1790052
Conc: 16.81 ug/ml



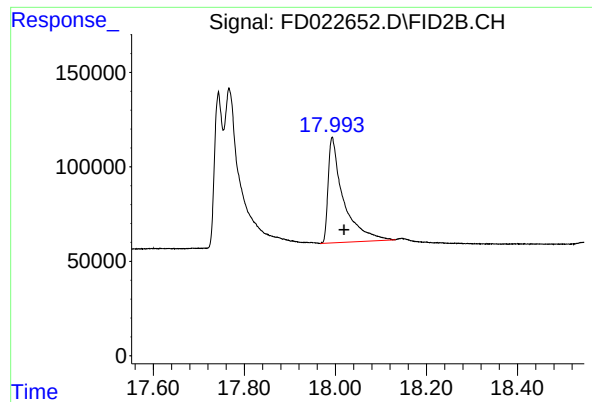
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: -0.026 min
Response: 975890
Conc: 14.57 ug/ml m



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

R.T.: 17.767 min
Delta R.T.: -0.023 min
Response: 2065719
Conc: 17.00 ug/ml



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

R.T.: 17.993 min
Delta R.T.: -0.026 min
Response: 1306874
Conc: 15.85 ug/ml