

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091820AR\
 Data File : FD034753.D
 Signal(s) : FID2B.CH
 Acq On : 18 Sep 2020 9:54
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 01:30:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.685	2075826	20.239 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
6) S 2-Fluorobiphenyl (SURR)	8.553	1445737	20.093 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.19%
11) S ortho-Terphenyl (SURR)	11.593	2375178	19.826 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.479	2376241	20.989 ug/ml
2) T Naphthalene (C11.7)	6.022	2402888	20.586 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	2404971	20.363 ug/ml
5) T Acenaphthylene (C15.06)	8.355	2330936	19.945 ug/ml
7) T Acenaphthene (C15.5)	8.650	2384096	20.038 ug/ml
8) T Flouorene (C16.55)	9.432	2299542	19.944 ug/ml
9) T Phenanthrene (C19.36)	10.830	2311332	19.823 ug/ml
10) T Anthracene (C19.43)	10.905	2043009	17.934 ug/ml
12) T Fluoranthene (C21.85)	12.643	2279806	19.550 ug/ml
13) T Pyrene (C20.8)	12.940	2213898	19.508 ug/ml
14) T Benzo[a]anthracene (C...	14.812	2144415	19.430 ug/ml
15) T Chrysene (C27.41)	14.854	2194117	19.644 ug/ml
16) T benzo[b]fluoranthene ...	16.396	2138265	19.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.396	2138265	20.166 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	2146044	20.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.147	2182313	21.542 ug/ml
20) T Dibenz[a,h]anthracene...	18.147	2182313	21.479 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	2154608	21.338 ug/ml

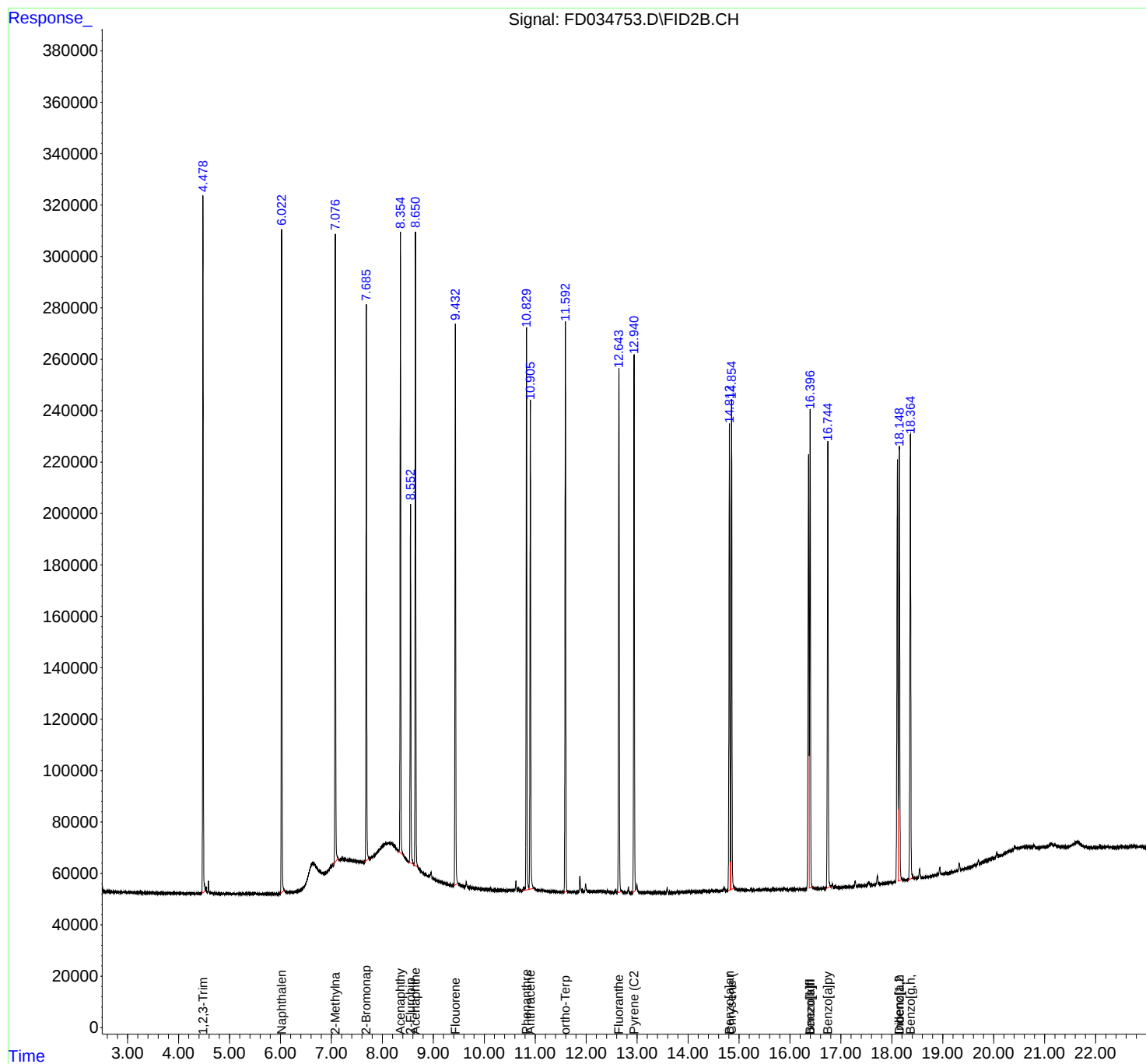
(f)=RT Delta > 1/2 Window

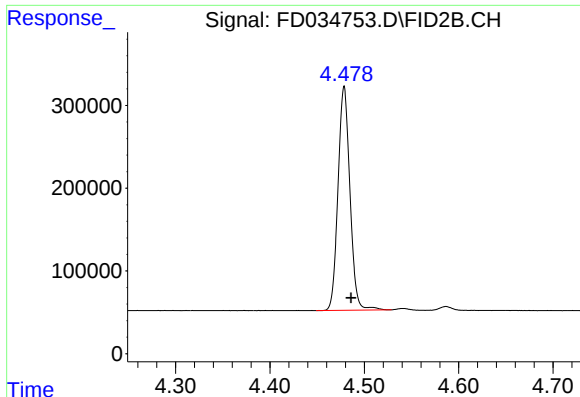
(m)=manual int.

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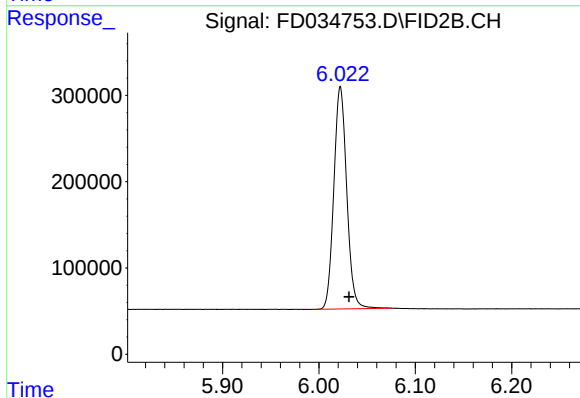
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





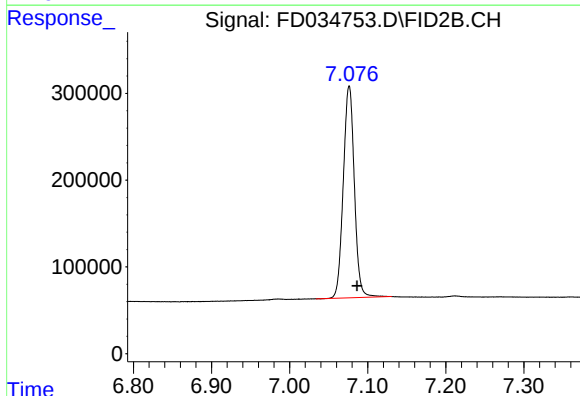
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.479 min
Delta R.T.: -0.007 min
Response: 2376241
Conc: 20.99 ug/ml



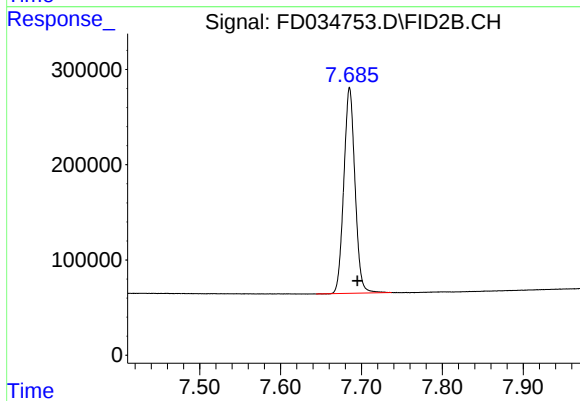
#2 Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 2402888
Conc: 20.59 ug/ml



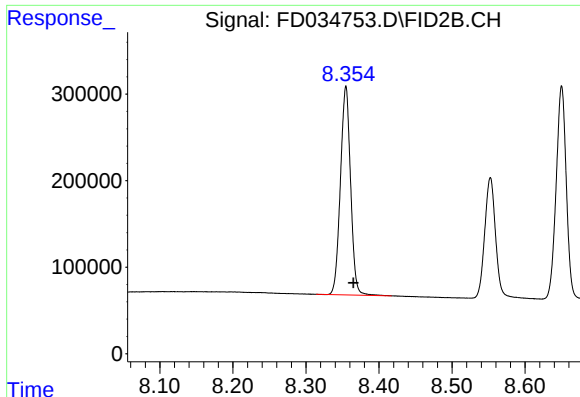
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: -0.010 min
Response: 2404971
Conc: 20.36 ug/ml



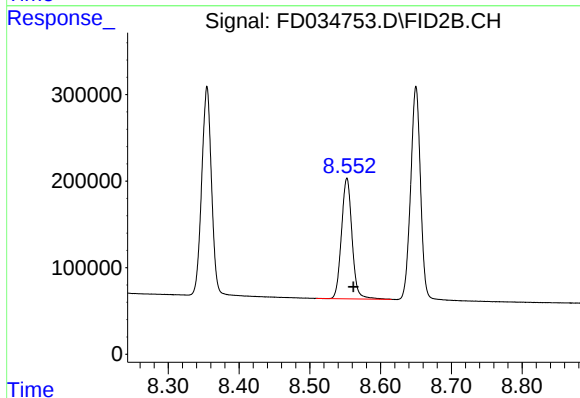
#4 2-Bromonaphthalene (SURR)

R.T.: 7.685 min
Delta R.T.: -0.010 min
Response: 2075826
Conc: 20.24 ug/ml



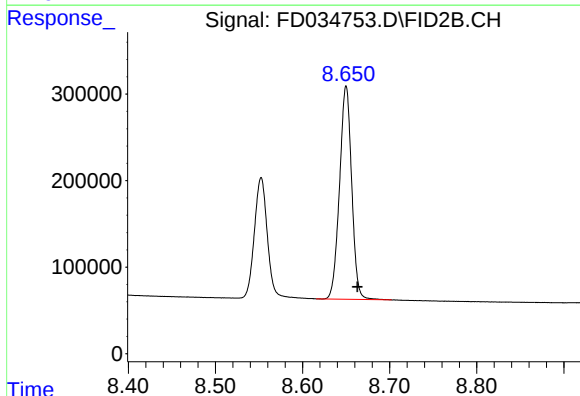
#5 Acenaphthylene (C15.06)

R.T.: 8.355 min
Delta R.T.: -0.010 min
Response: 2330936
Conc: 19.94 ug/ml



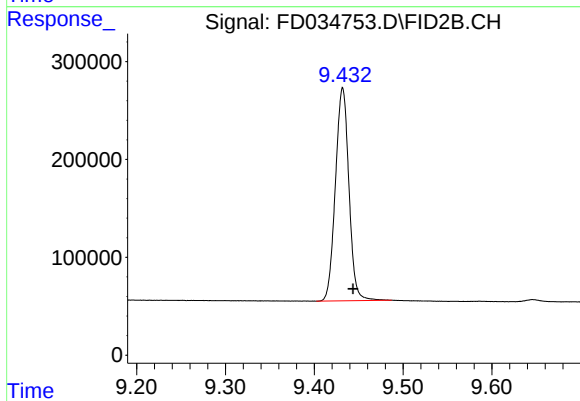
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 1445737
Conc: 20.09 ug/ml



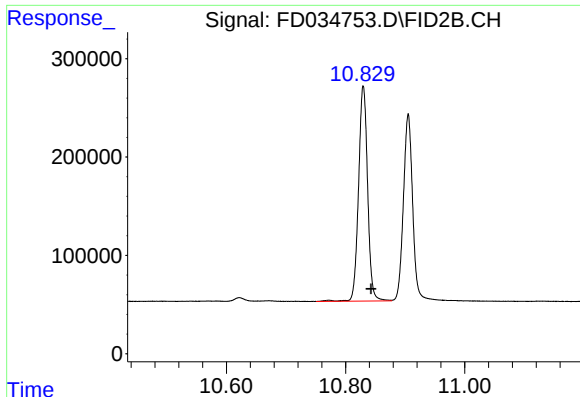
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.013 min
Response: 2384096
Conc: 20.04 ug/ml



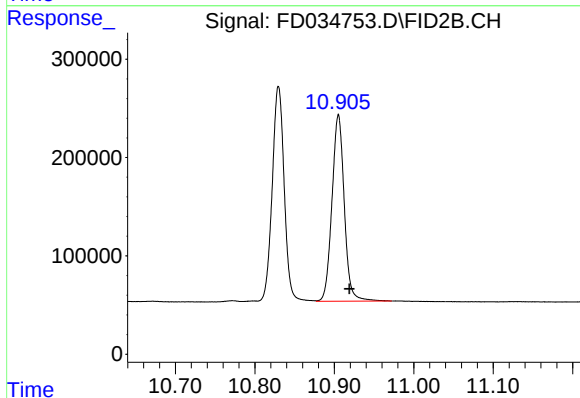
#8 Flouorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.011 min
Response: 2299542
Conc: 19.94 ug/ml



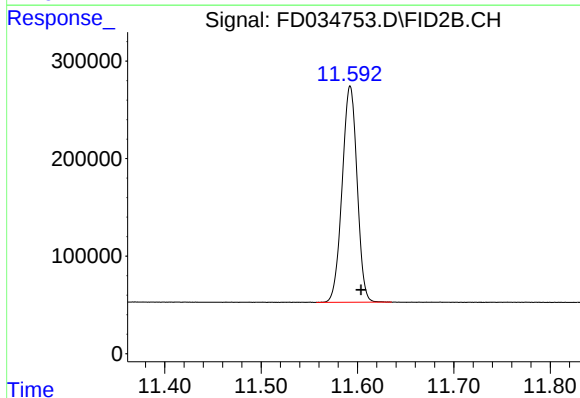
#9 Phenanthrene (C19.36)

R.T.: 10.830 min
Delta R.T.: -0.013 min
Response: 2311332
Conc: 19.82 ug/ml



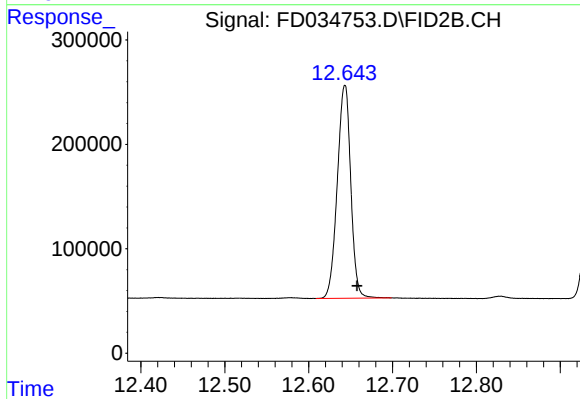
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.014 min
Response: 2043009
Conc: 17.93 ug/ml



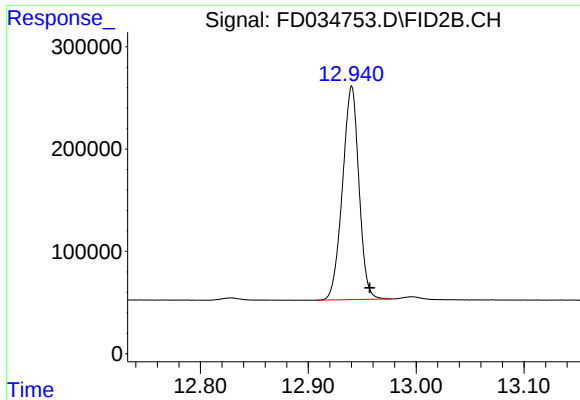
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.011 min
Response: 2375178
Conc: 19.83 ug/ml



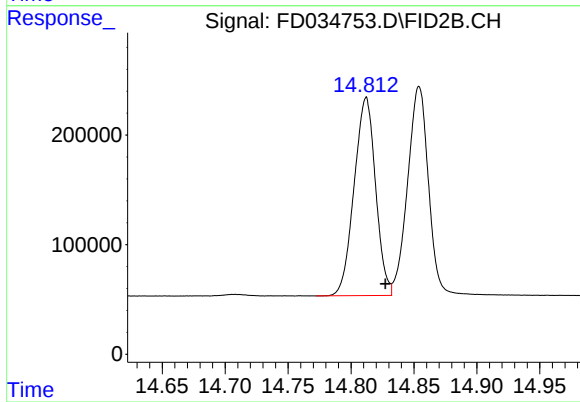
#12 Fluoranthene (C21.85)

R.T.: 12.643 min
Delta R.T.: -0.015 min
Response: 2279806
Conc: 19.55 ug/ml



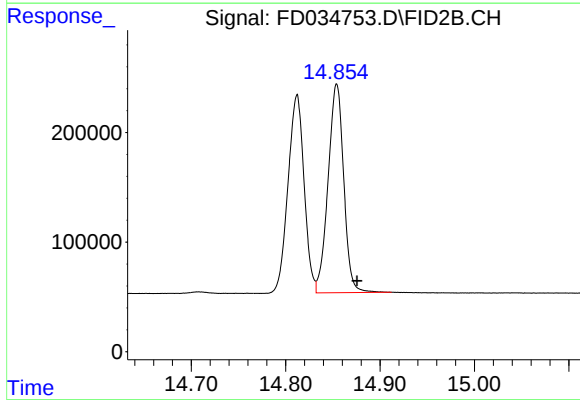
#13 Pyrene (C20.8)

R.T.: 12.940 min
Delta R.T.: -0.017 min
Response: 2213898
Conc: 19.51 ug/ml



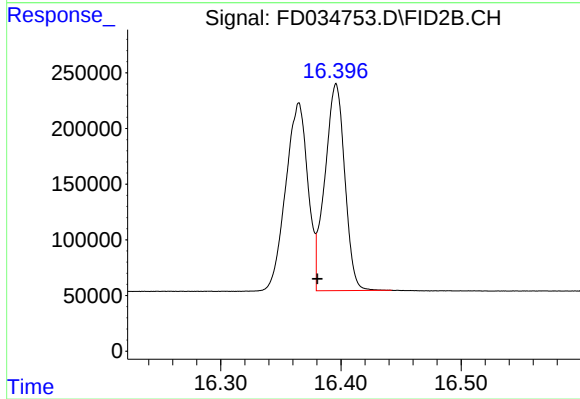
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.015 min
Response: 2144415
Conc: 19.43 ug/ml



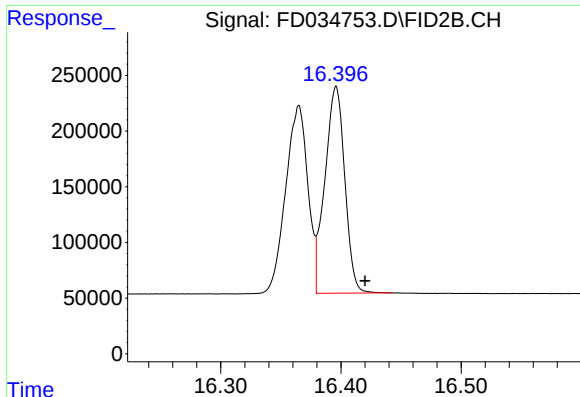
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: -0.021 min
Response: 2194117
Conc: 19.64 ug/ml



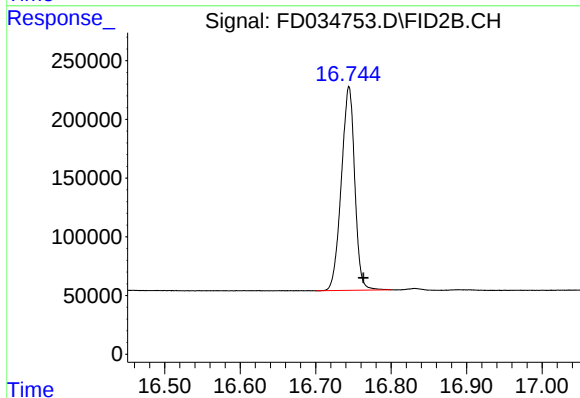
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.396 min
Delta R.T.: 0.015 min
Response: 2138265
Conc: 19.96 ug/ml



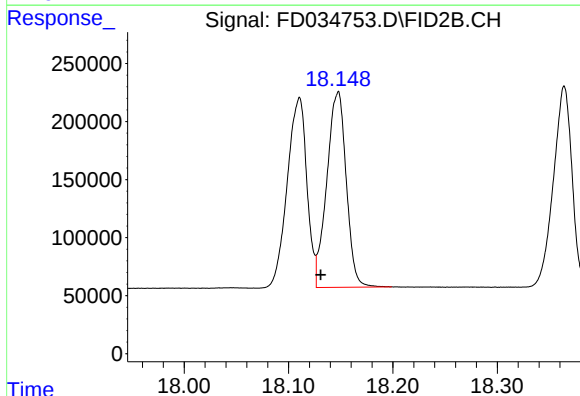
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.396 min
Delta R.T.: -0.024 min
Response: 2138265
Conc: 20.17 ug/ml



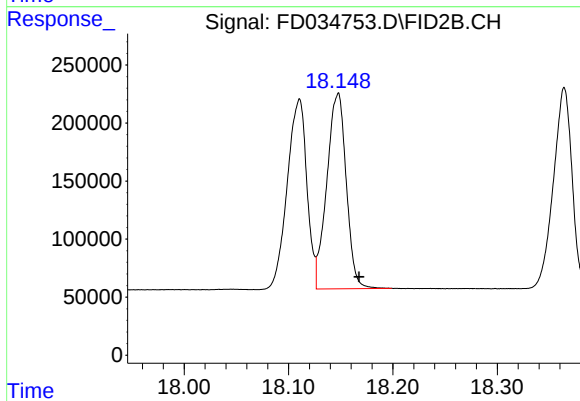
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.019 min
Response: 2146044
Conc: 20.38 ug/ml



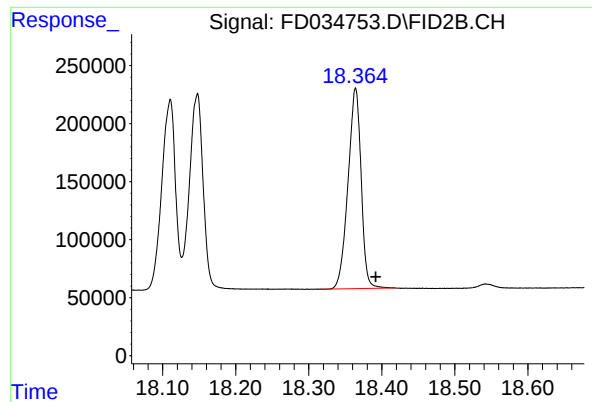
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.147 min
Delta R.T.: 0.017 min
Response: 2182313
Conc: 21.54 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.020 min
Response: 2182313
Conc: 21.48 ug/ml



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

R.T.: 18.364 min
Delta R.T.: -0.028 min
Response: 2154608
Conc: 21.34 ug/ml