

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081320AR\
 Data File : FD034450.D
 Signal(s) : FID2B.CH
 Acq On : 13 Aug 2020 9:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 14 02:42:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.699	1975785	16.900 ug/ml
Spiked Amount 50.000		Recovery =	33.80%
6) S 2-Fluorobiphenyl (SURR)	8.565	1386165	16.720 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.44%
11) S ortho-Terphenyl (SURR)	11.606	2239632	16.481 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2207125	17.316 ug/ml
2) T Naphthalene (C11.7)	6.037	2289633	17.114 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	2283195	16.915 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2194653	16.583 ug/ml
7) T Acenaphthene (C15.5)	8.663	2253732	16.758 ug/ml
8) T Fluorene (C16.55)	9.444	2203743	16.580 ug/ml
9) T Phenanthrene (C19.36)	10.842	2200118	16.414 ug/ml
10) T Anthracene (C19.43)	10.917	2050433	15.449 ug/ml
12) T Fluoranthene (C21.85)	12.655	2213936	16.289 ug/ml
13) T Pyrene (C20.8)	12.953	2164061	16.252 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2129232	16.223 ug/ml
15) T Chrysene (C27.41)	14.866	2152436	16.417 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2157598	16.865 ug/ml
17) T Bnezo[k]fluoranthene ...	16.405	2108261	17.022 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.752	2138475	17.080 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	2117066	17.594 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	2144508	18.166 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2119860	17.891 ug/ml

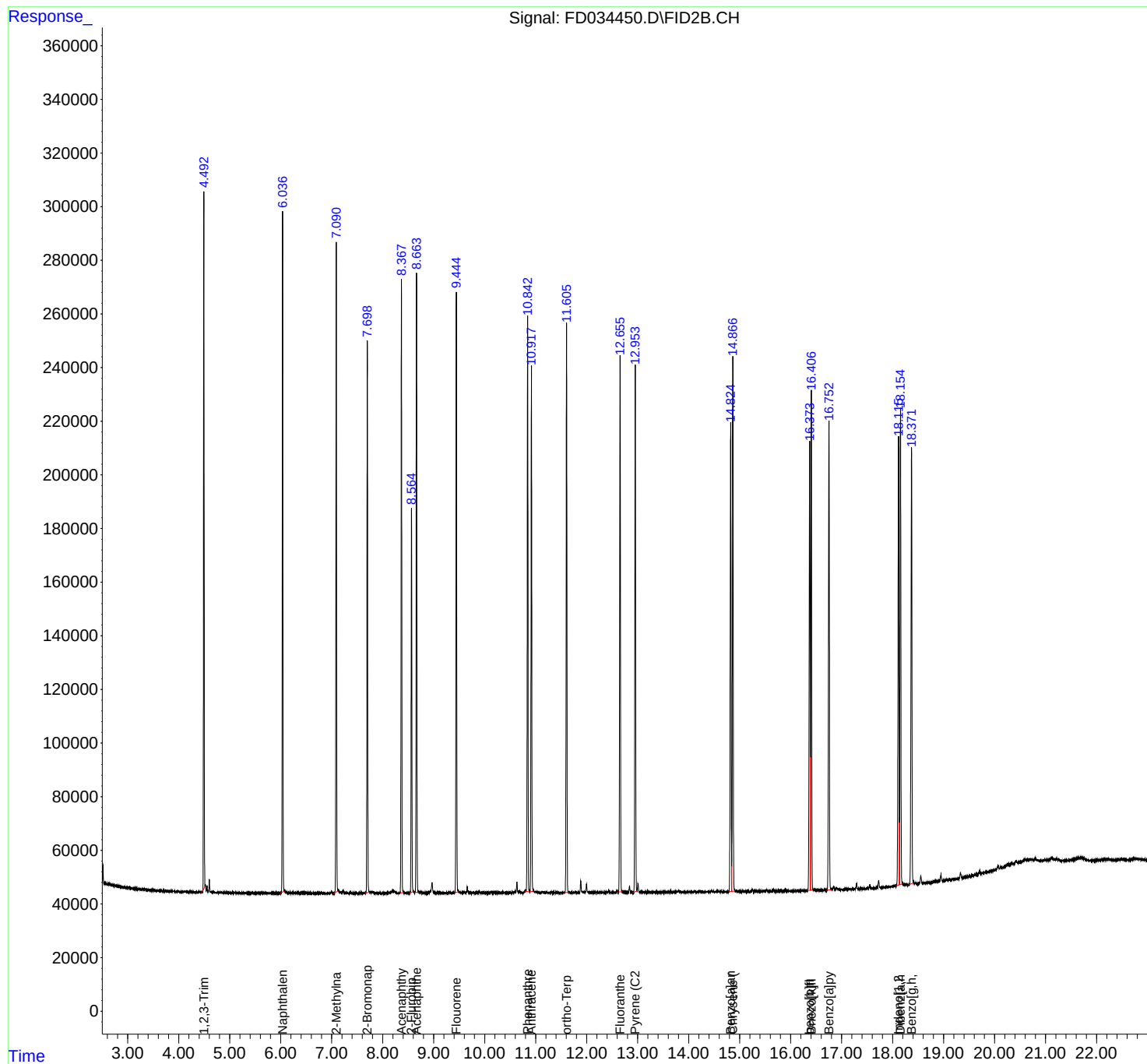
(f)=RT Delta > 1/2 Window

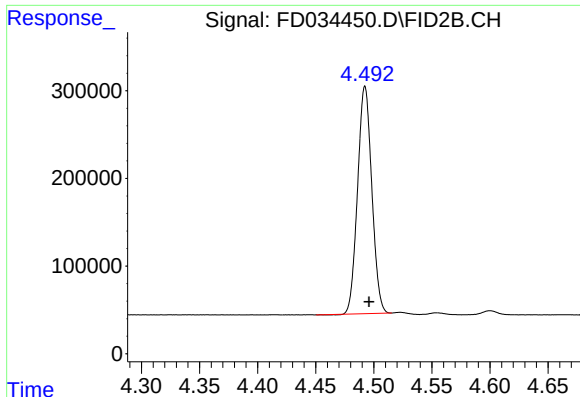
(m)=manual int.

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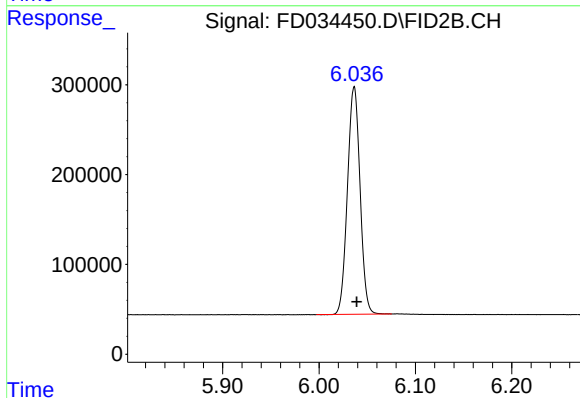
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





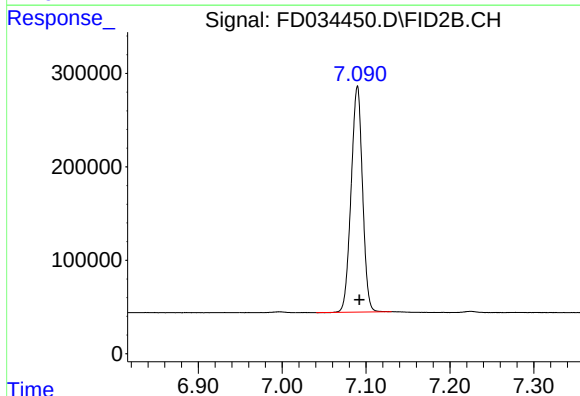
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.004 min
Response: 2207125
Conc: 17.32 ug/ml



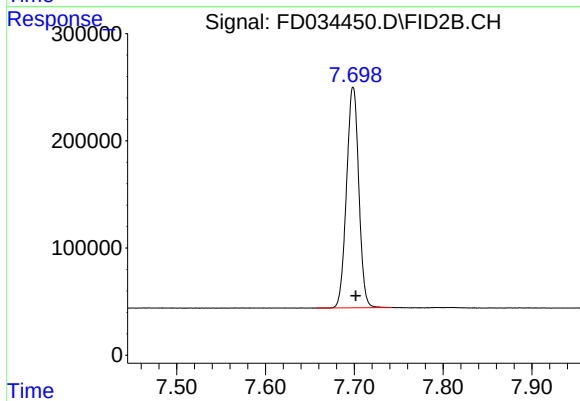
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 2289633
Conc: 17.11 ug/ml



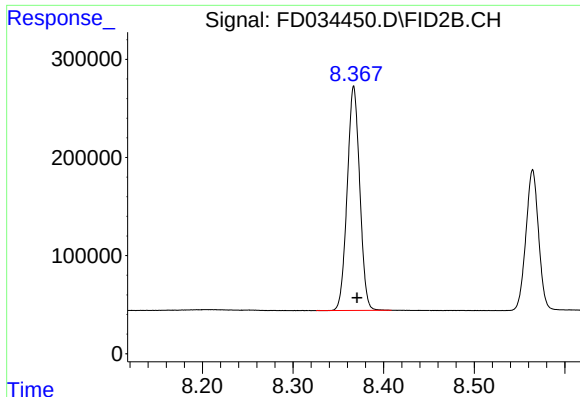
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 2283195
Conc: 16.91 ug/ml



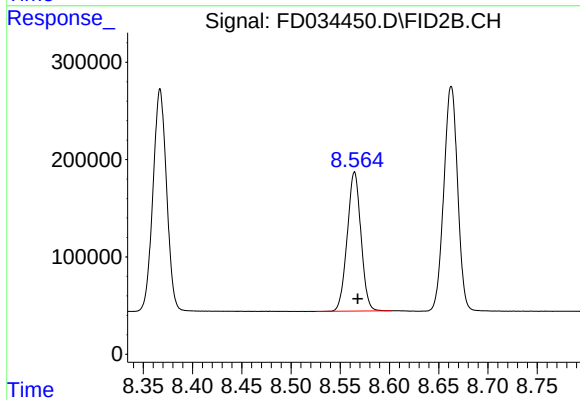
#4 2-Bromonaphthalene (SURR)

R.T.: 7.699 min
Delta R.T.: -0.003 min
Response: 1975785
Conc: 16.90 ug/ml



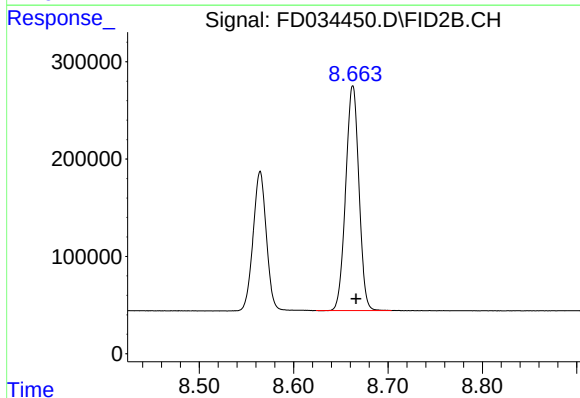
#5 Acenaphthylene (C15.06)

R.T.: 8.367 min
Delta R.T.: -0.004 min
Response: 2194653
Conc: 16.58 ug/ml



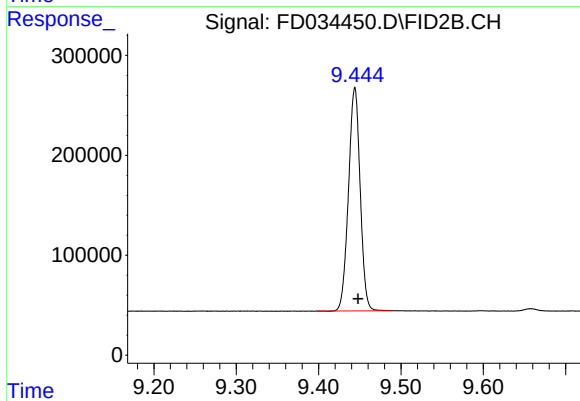
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 1386165
Conc: 16.72 ug/ml



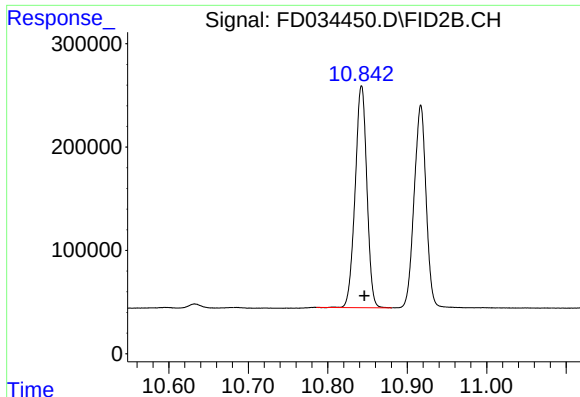
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 2253732
Conc: 16.76 ug/ml



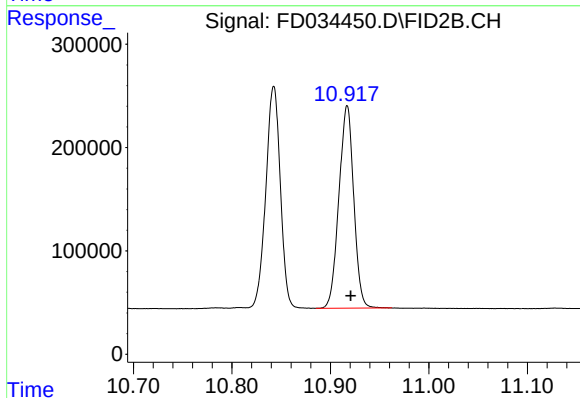
#8 Flouorene (C16.55)

R.T.: 9.444 min
Delta R.T.: -0.004 min
Response: 2203743
Conc: 16.58 ug/ml



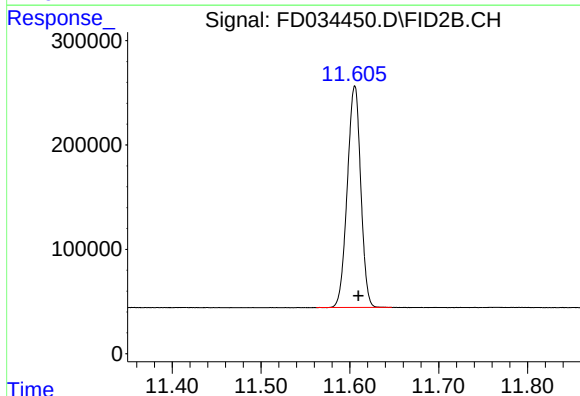
#9 Phenanthrene (C19.36)

R.T.: 10.842 min
Delta R.T.: -0.004 min
Response: 2200118
Conc: 16.41 ug/ml



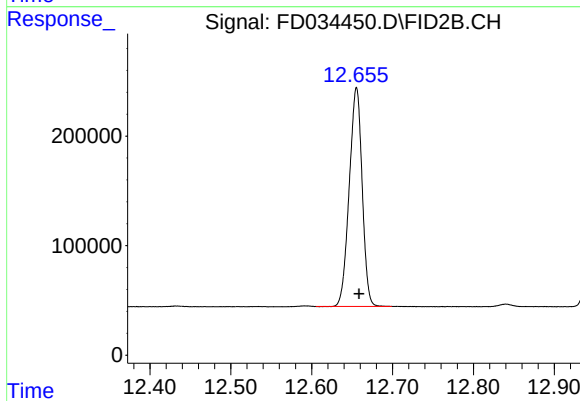
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: -0.004 min
Response: 2050433
Conc: 15.45 ug/ml



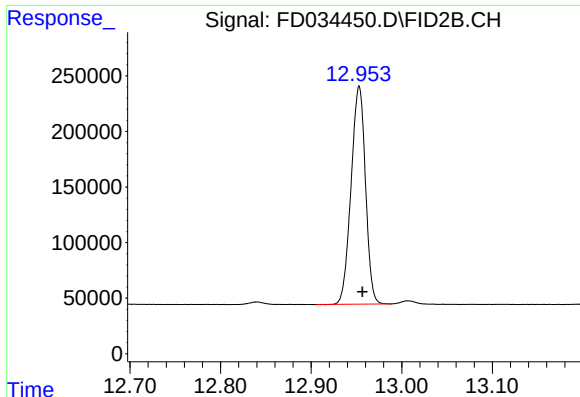
#11 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.004 min
Response: 2239632
Conc: 16.48 ug/ml



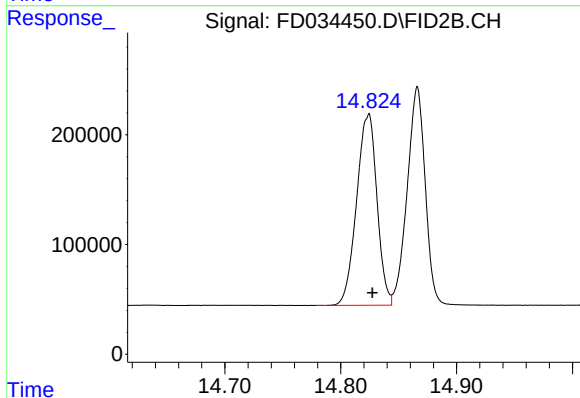
#12 Fluoranthene (C21.85)

R.T.: 12.655 min
Delta R.T.: -0.003 min
Response: 2213936
Conc: 16.29 ug/ml



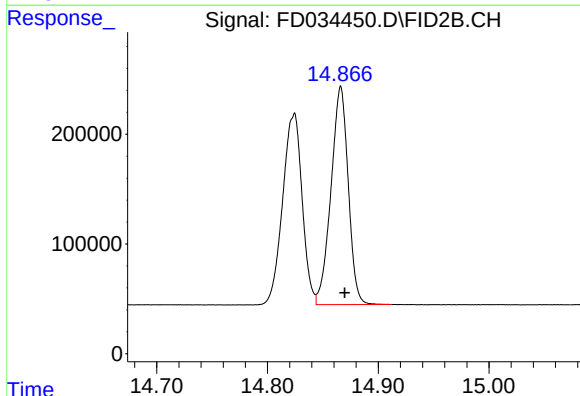
#13 Pyrene (C20.8)

R.T.: 12.953 min
Delta R.T.: -0.004 min
Response: 2164061
Conc: 16.25 ug/ml



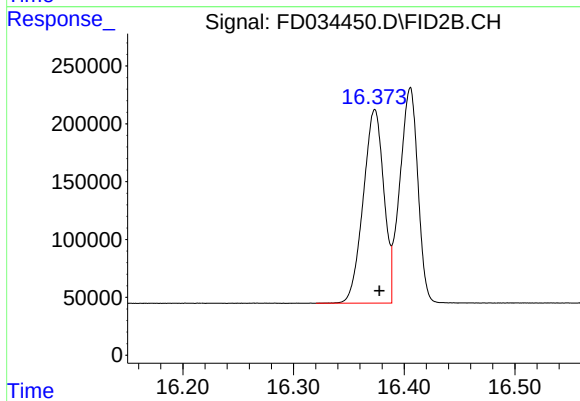
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.003 min
Response: 2129232
Conc: 16.22 ug/ml



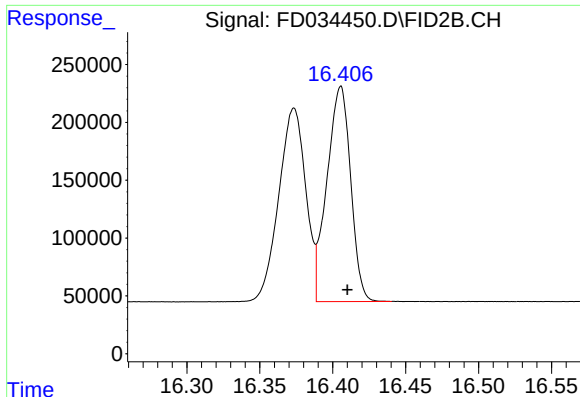
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.004 min
Response: 2152436
Conc: 16.42 ug/ml



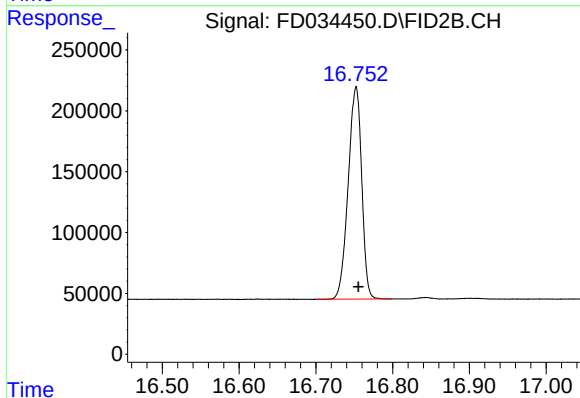
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.373 min
Delta R.T.: -0.004 min
Response: 2157598
Conc: 16.86 ug/ml



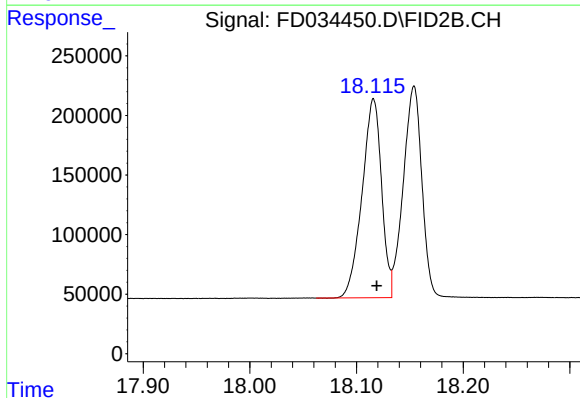
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.405 min
Delta R.T.: -0.005 min
Response: 2108261
Conc: 17.02 ug/ml



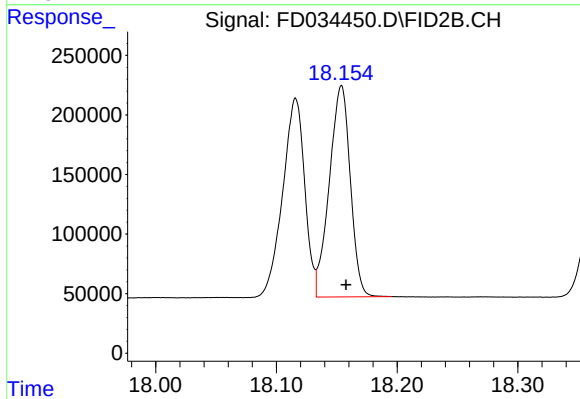
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.752 min
Delta R.T.: -0.003 min
Response: 2138475
Conc: 17.08 ug/ml



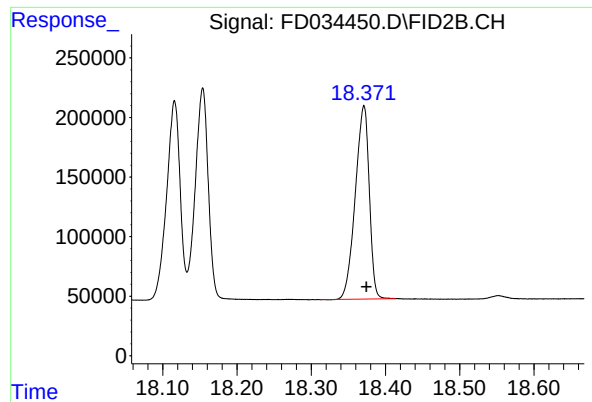
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.116 min
Delta R.T.: -0.003 min
Response: 2117066
Conc: 17.59 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.004 min
Response: 2144508
Conc: 18.17 ug/ml



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

R.T.: 18.371 min
Delta R.T.: -0.003 min
Response: 2119860
Conc: 17.89 ug/ml