

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082321AR\
 Data File : FD038691.D
 Signal(s) : FID2B.CH
 Acq On : 23 Aug 2021 16:33
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 01:47:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 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...	7.462	2669163	21.061 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
6) S 2-Fluorobiphenyl (SURR)	8.321	1735751	19.992 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.98%
11) S ortho-Terphenyl (SURR)	11.357	2781041	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3072428	21.908 ug/ml
2) T Naphthalene (C11.7)	5.801	3117285	21.406 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	3039403	20.958 ug/ml
5) T Acenaphthylene (C15.06)	8.122	2892235	20.032 ug/ml
7) T Acenaphthene (C15.5)	8.417	3032442	20.259 ug/ml
8) T Fluorene (C16.55)	9.198	2796930	19.629 ug/ml
9) T Phenanthrene (C19.36)	10.593	2585229	18.315 ug/ml
10) T Anthracene (C19.43)	10.668	2433626	17.802 ug/ml
12) T Fluoranthene (C21.85)	12.403	2419520	17.225 ug/ml
13) T Pyrene (C20.8)	12.699	2371773	16.931 ug/ml
14) T Benzo[a]anthracene (C...	14.574	2189213	17.097 ug/ml
15) T Chrysene (C27.41)	14.616	2353618	17.041 ug/ml
16) T benzo[b]fluoranthene ...	16.129	2278135	18.218 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	2337317	17.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.508	2159027	18.065 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	2202891	19.994 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	2386784	19.391 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	2299243	20.072 ug/ml

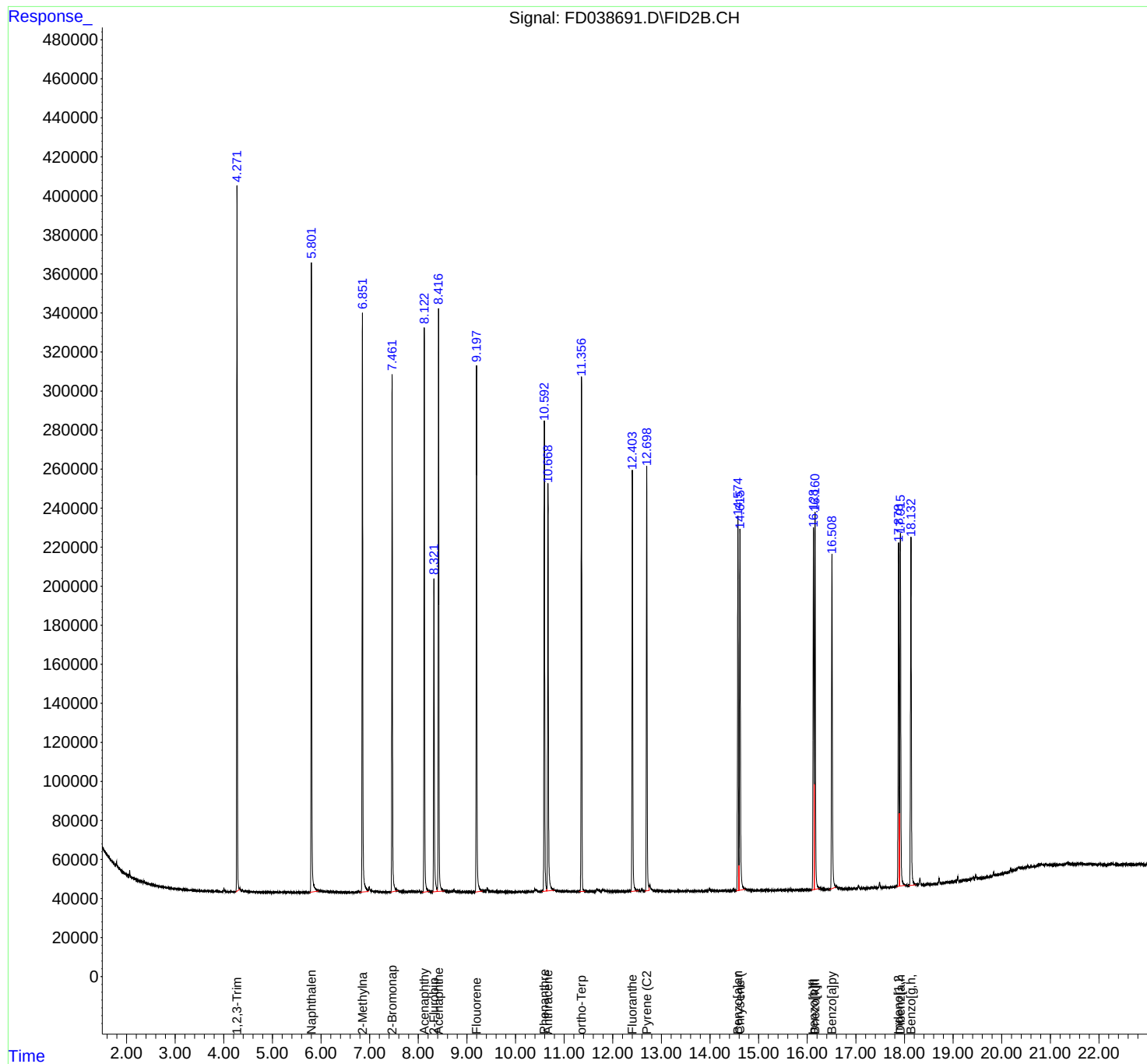
(f)=RT Delta > 1/2 Window

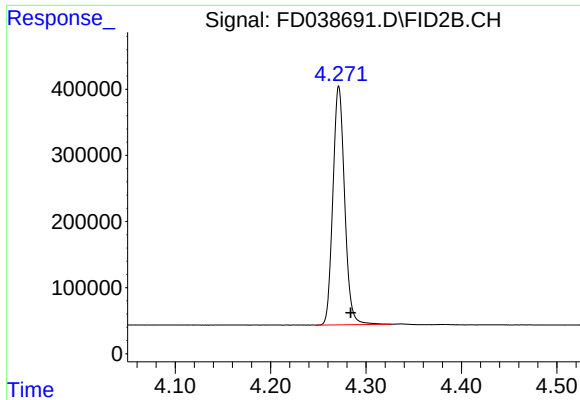
(m)=manual int.

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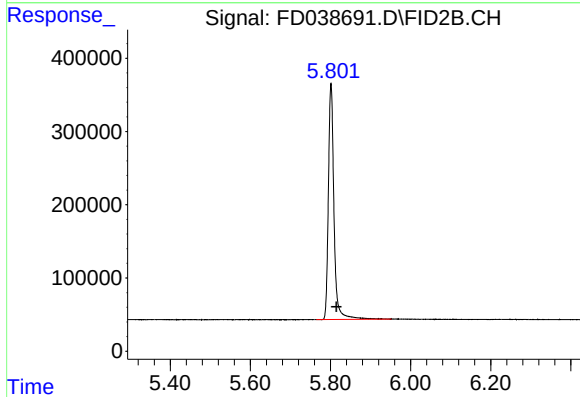
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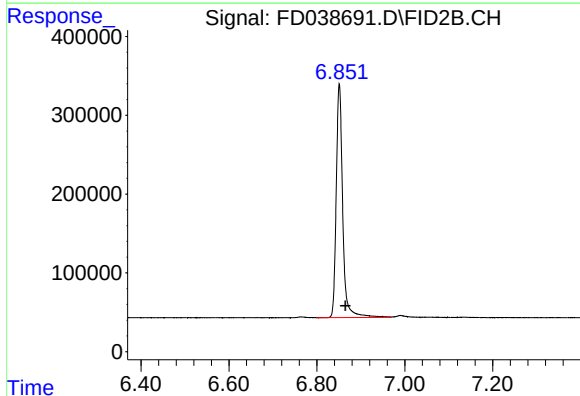
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.272 min
Delta R.T.: -0.012 min
Response: 3072428
Conc: 21.91 ug/ml



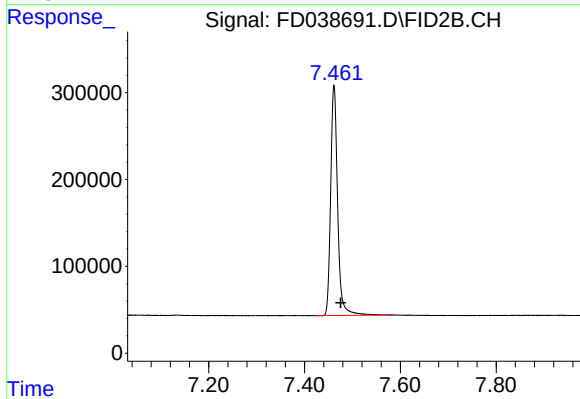
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.013 min
Response: 3117285
Conc: 21.41 ug/ml



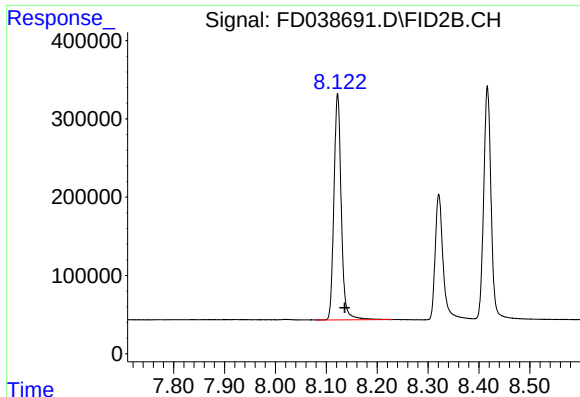
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.014 min
Response: 3039403
Conc: 20.96 ug/ml



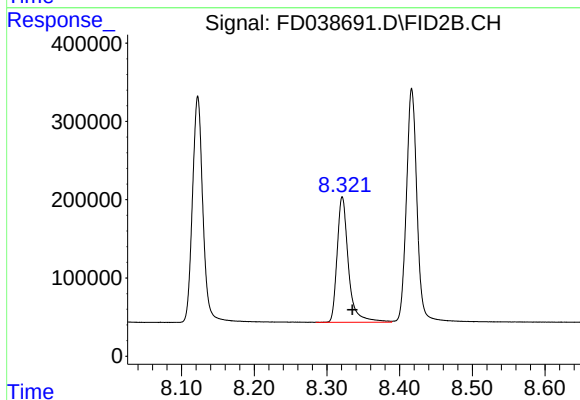
#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: -0.014 min
Response: 2669163
Conc: 21.06 ug/ml



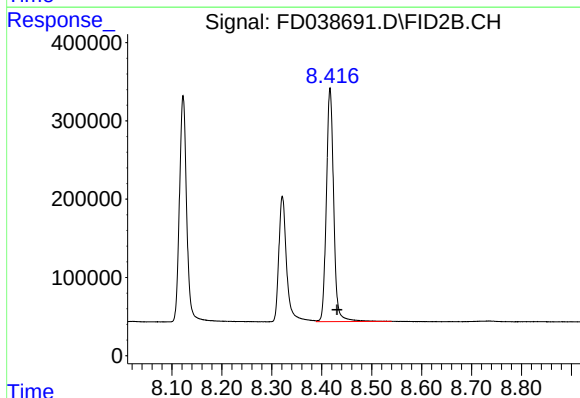
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: -0.014 min
Response: 2892235
Conc: 20.03 ug/ml



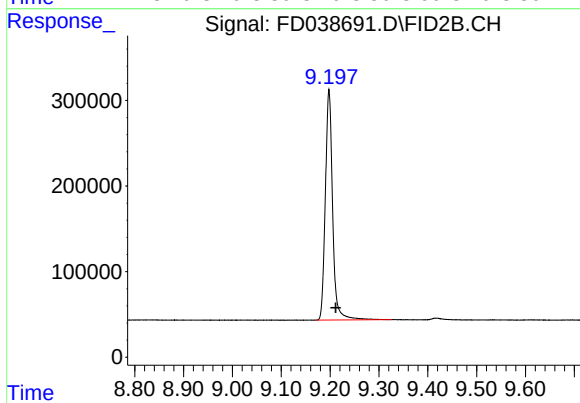
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: -0.014 min
Response: 1735751
Conc: 19.99 ug/ml



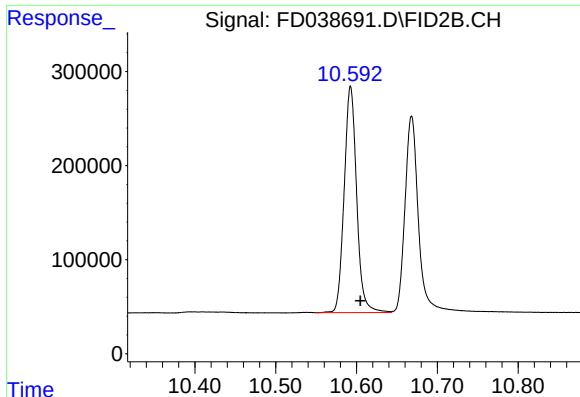
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: -0.014 min
Response: 3032442
Conc: 20.26 ug/ml



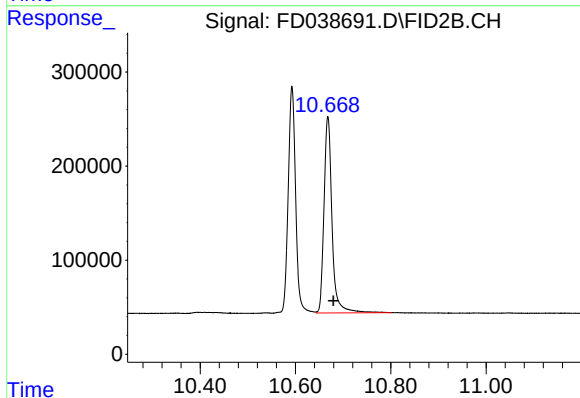
#8 Fluorene (C16.55)

R.T.: 9.198 min
Delta R.T.: -0.014 min
Response: 2796930
Conc: 19.63 ug/ml



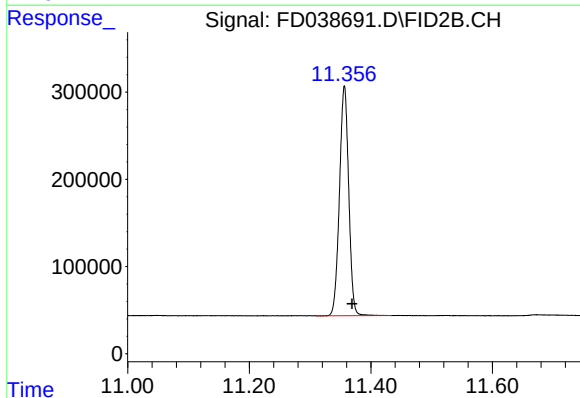
#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: -0.012 min
Response: 2585229
Conc: 18.32 ug/ml



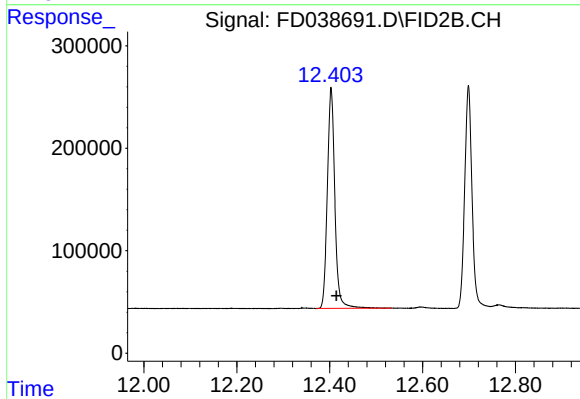
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: -0.012 min
Response: 2433626
Conc: 17.80 ug/ml



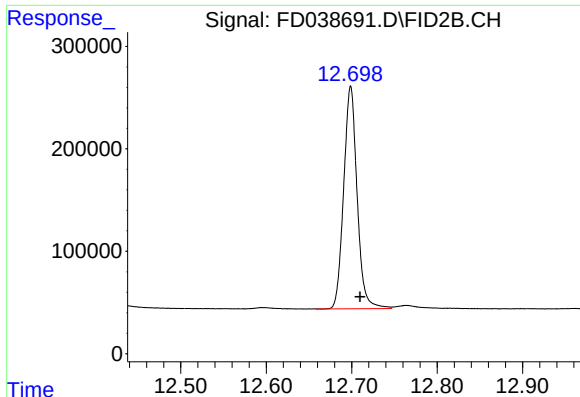
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: -0.012 min
Response: 2781041
Conc: 19.39 ug/ml



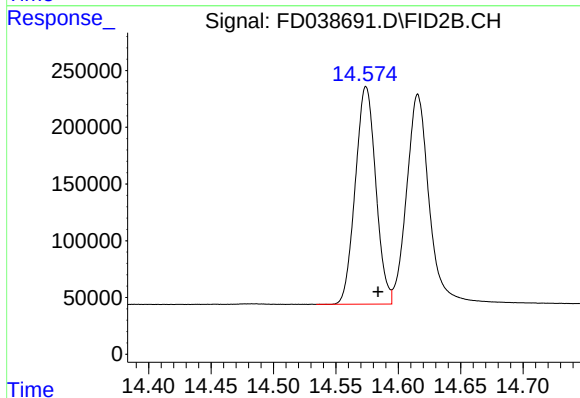
#12 Fluoranthene (C21.85)

R.T.: 12.403 min
Delta R.T.: -0.011 min
Response: 2419520
Conc: 17.23 ug/ml



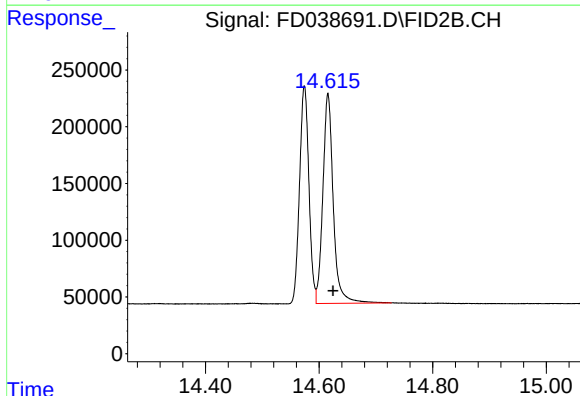
#13 Pyrene (C20.8)

R.T.: 12.699 min
Delta R.T.: -0.011 min
Response: 2371773
Conc: 16.93 ug/ml



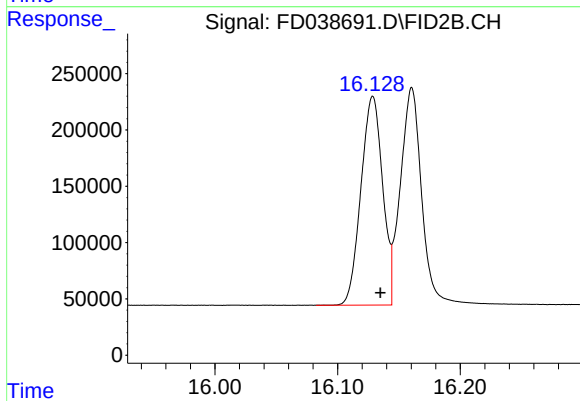
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.010 min
Response: 2189213
Conc: 17.10 ug/ml



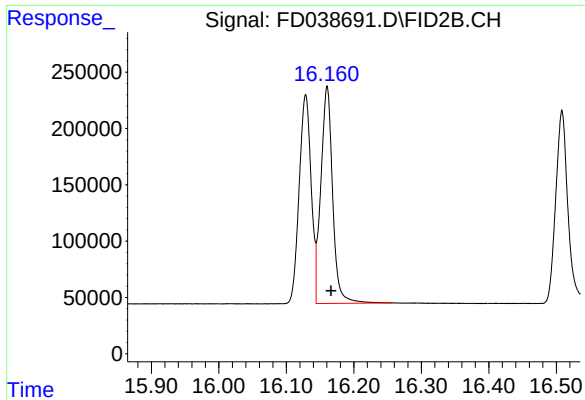
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: -0.009 min
Response: 2353618
Conc: 17.04 ug/ml



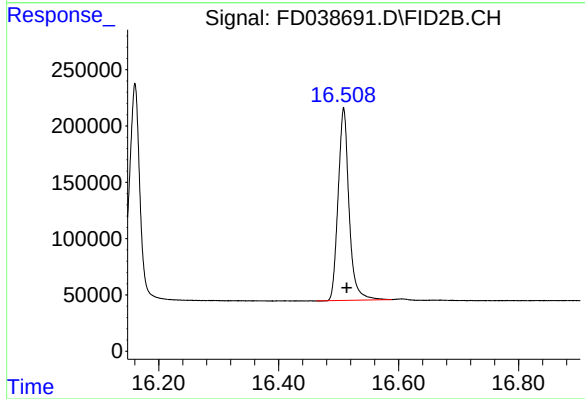
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.129 min
Delta R.T.: -0.006 min
Response: 2278135
Conc: 18.22 ug/ml



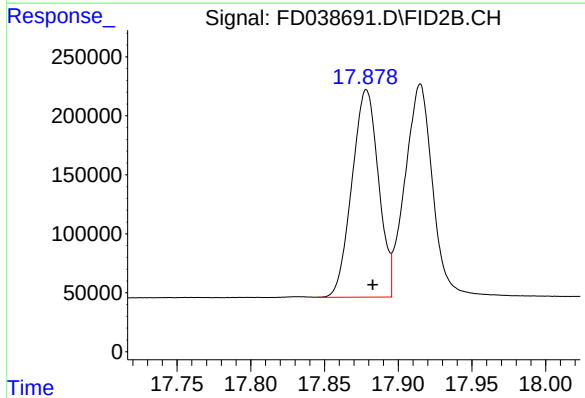
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: -0.006 min
Response: 2337317
Conc: 17.73 ug/ml



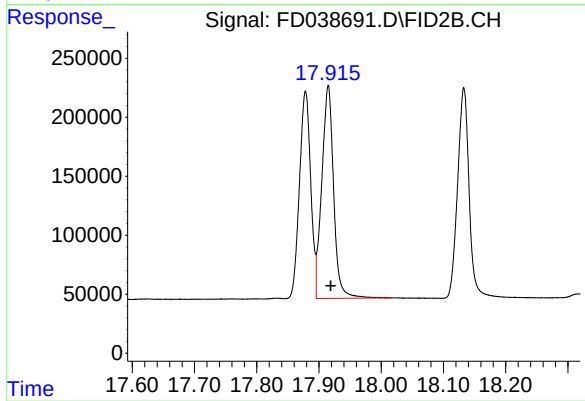
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.508 min
Delta R.T.: -0.005 min
Response: 2159027
Conc: 18.07 ug/ml



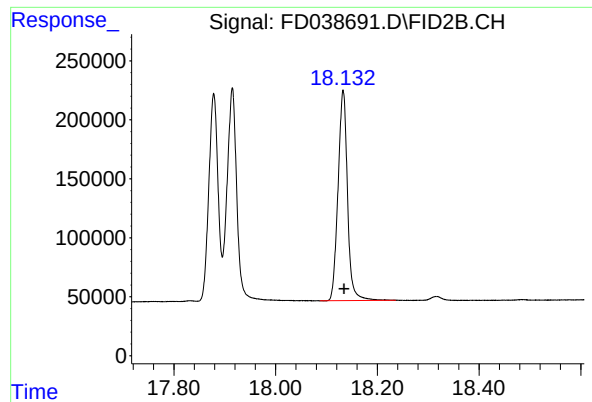
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.004 min
Response: 2202891
Conc: 19.99 ug/ml



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

R.T.: 17.915 min
Delta R.T.: -0.004 min
Response: 2386784
Conc: 19.39 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.002 min
Response: 2299243
Conc: 20.07 ug/ml