

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051721AR\
 Data File : FD037522.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2021 21:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 03:13:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.556	1999622	19.882 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
6) S 2-Fluorobiphenyl (SURR)	8.416	1349008	19.960 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.92%
11) S ortho-Terphenyl (SURR)	11.455	2351907	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	2052550	19.642 ug/ml
2) T Naphthalene (C11.7)	5.895	2206485	19.772 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	2219581	19.770 ug/ml
5) T Acenaphthylene (C15.06)	8.219	2177818	19.860 ug/ml
7) T Acenaphthene (C15.5)	8.515	2265220	19.914 ug/ml
8) T Flouorene (C16.55)	9.294	2206097	19.906 ug/ml
9) T Phenanthrene (C19.36)	10.687	2240080	19.923 ug/ml
10) T Anthracene (C19.43)	10.762	2139719	19.456 ug/ml
12) T Fluoranthene (C21.85)	12.498	2280197	19.648 ug/ml
13) T Pyrene (C20.8)	12.794	2254384	19.514 ug/ml
14) T Benzo[a]anthracene (C...	14.663	2131069	19.342 ug/ml
15) T Chrysene (C27.41)	14.705	2231904	19.373 ug/ml
16) T benzo[b]fluoranthene ...	16.211	2166343	19.155 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	2132137	19.231 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.587	1987416	18.974 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.952	1968056	18.116 ug/ml
20) T Dibenz[a,h]anthracene...	17.990	2041168	18.645 ug/ml
21) T Benzo[g,h,i]perylene ...	18.207	2046875	18.730 ug/ml

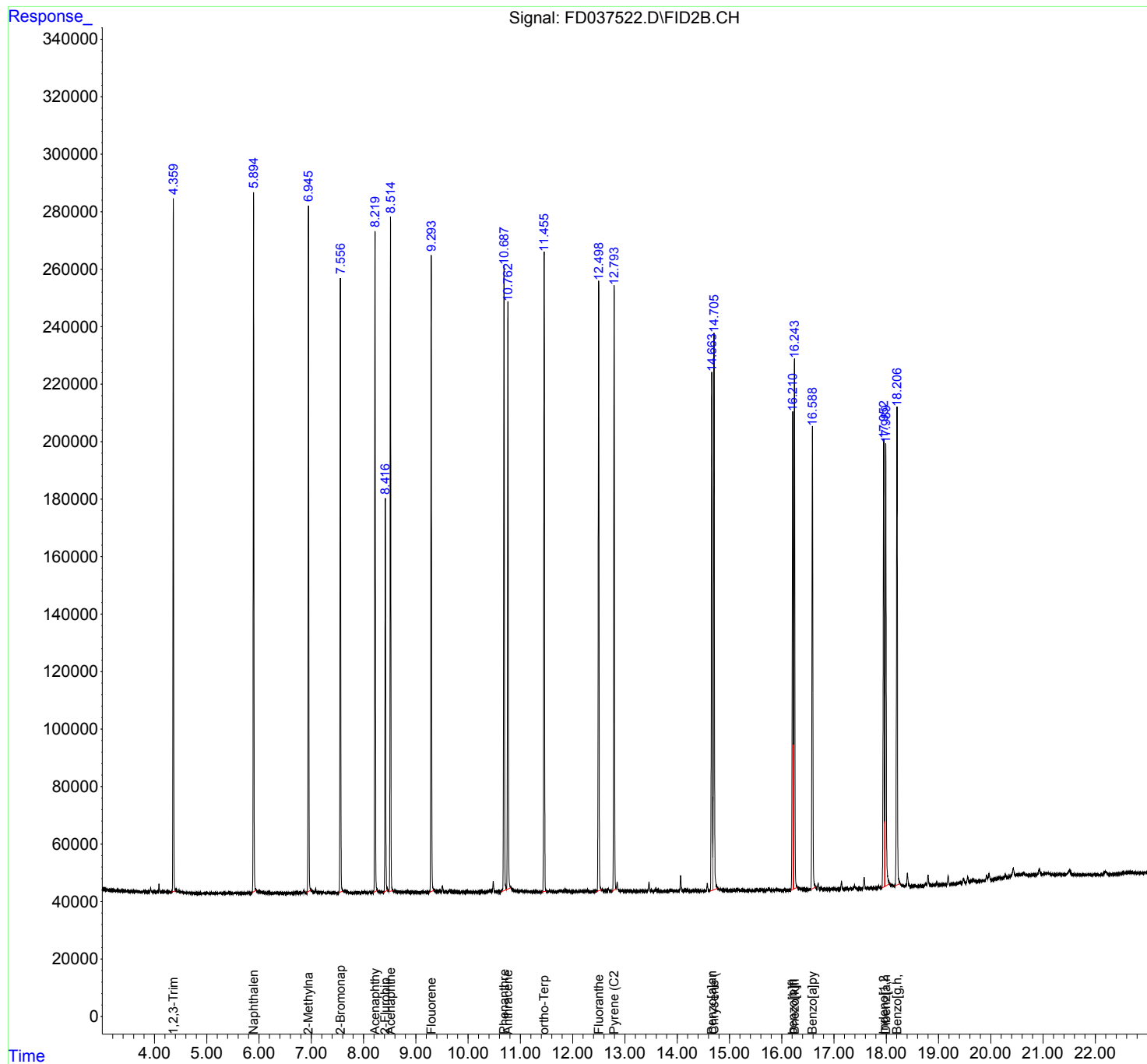
(f)=RT Delta > 1/2 Window

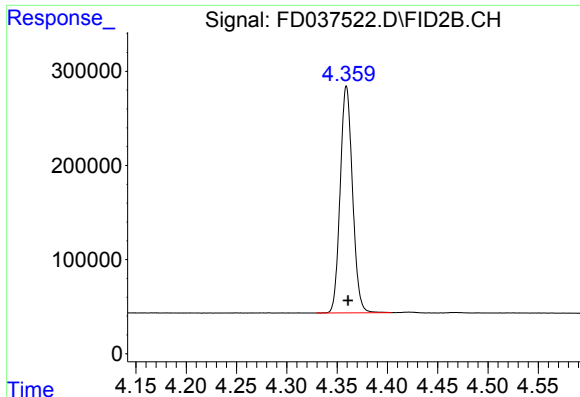
(m)=manual int.

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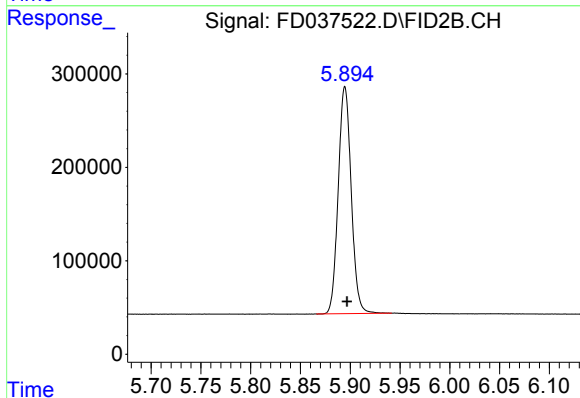
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





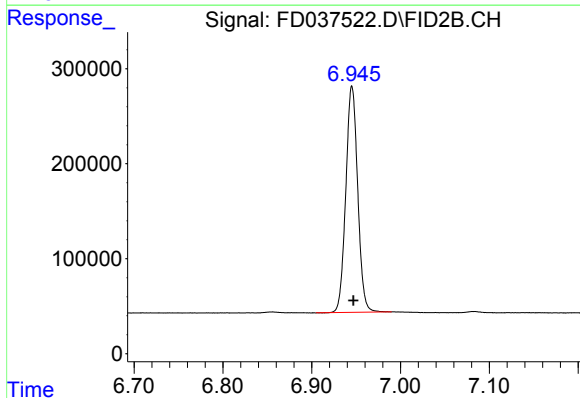
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2052550
Conc: 19.64 ug/ml



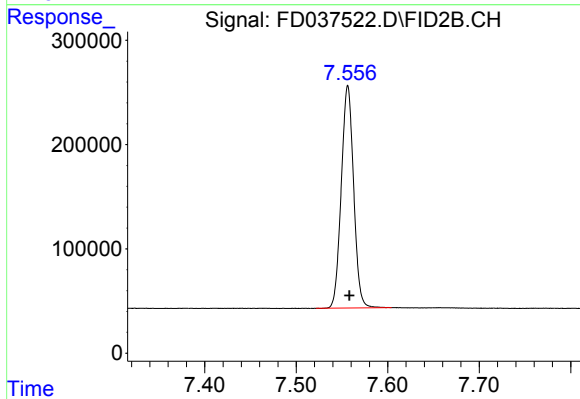
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 2206485
Conc: 19.77 ug/ml



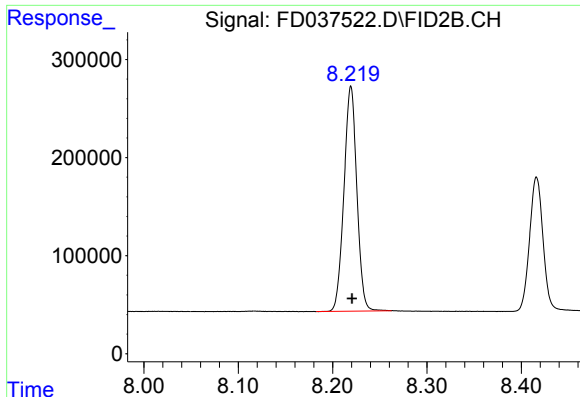
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 2219581
Conc: 19.77 ug/ml



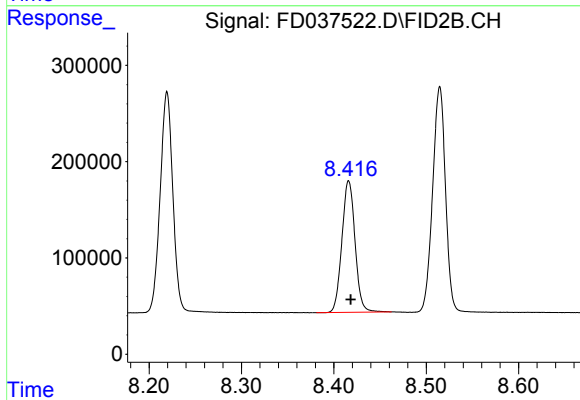
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.001 min
Response: 1999622
Conc: 19.88 ug/ml



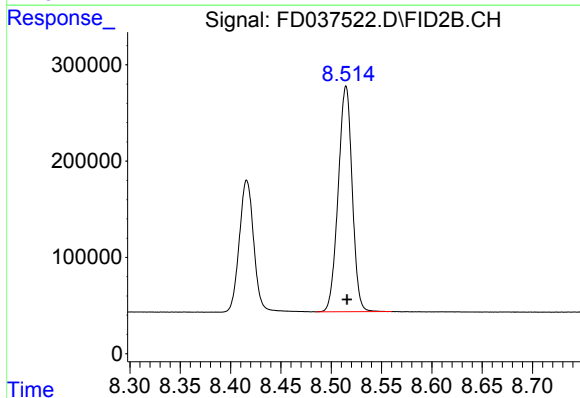
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 2177818
Conc: 19.86 ug/ml



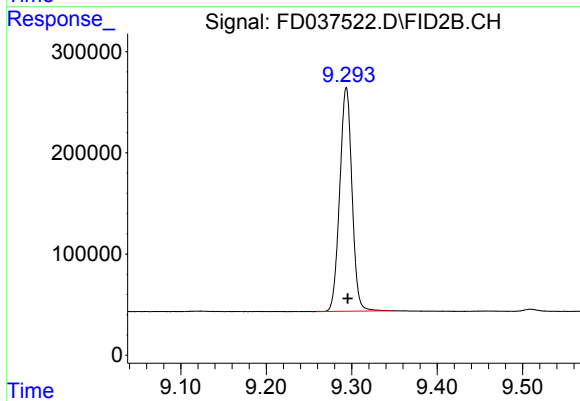
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 1349008
Conc: 19.96 ug/ml



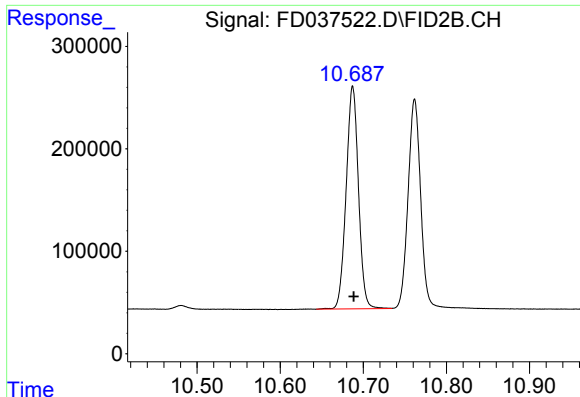
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 2265220
Conc: 19.91 ug/ml



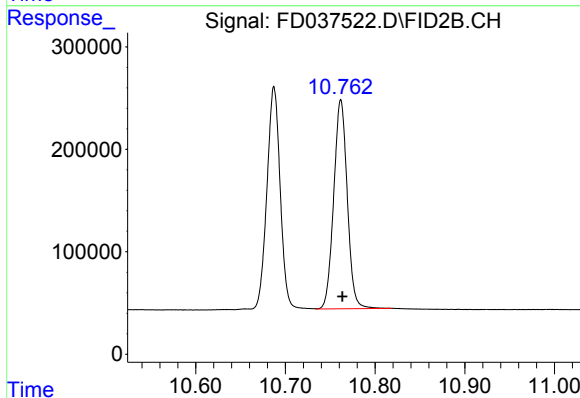
#8 Fluorene (C16.55)

R.T.: 9.294 min
Delta R.T.: -0.002 min
Response: 2206097
Conc: 19.91 ug/ml



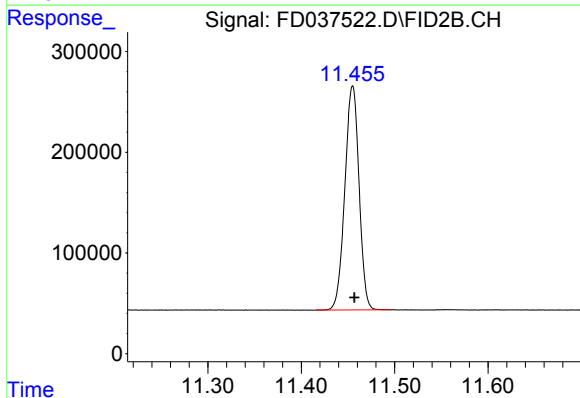
#9 Phenanthrene (C19.36)

R.T.: 10.687 min
Delta R.T.: -0.001 min
Response: 2240080
Conc: 19.92 ug/ml



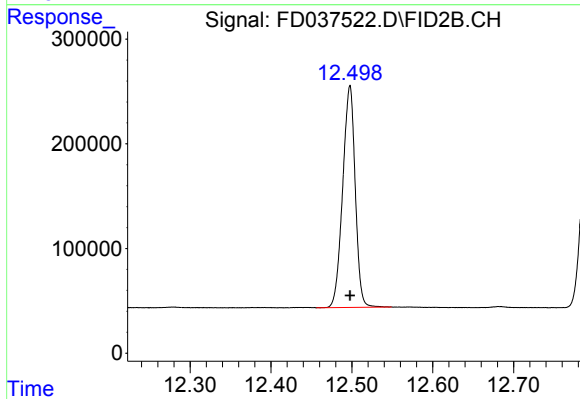
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: -0.002 min
Response: 2139719
Conc: 19.46 ug/ml



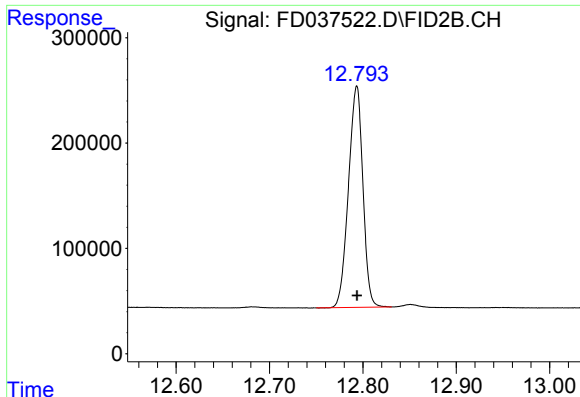
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.002 min
Response: 2351907
Conc: 19.74 ug/ml



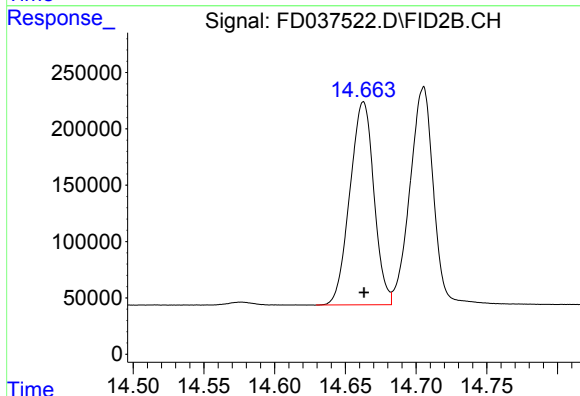
#12 Fluoranthene (C21.85)

R.T.: 12.498 min
Delta R.T.: 0.000 min
Response: 2280197
Conc: 19.65 ug/ml



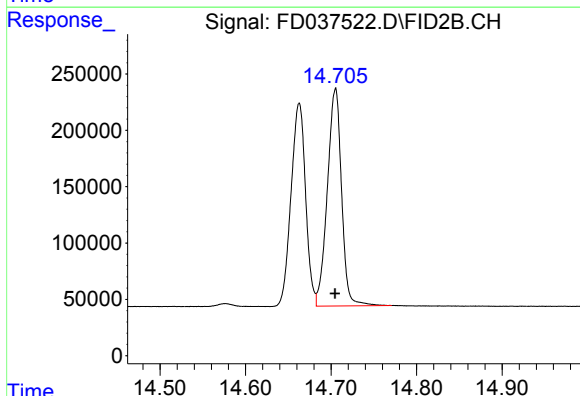
#13 Pyrene (C20.8)

R.T.: 12.794 min
Delta R.T.: 0.000 min
Response: 2254384
Conc: 19.51 ug/ml



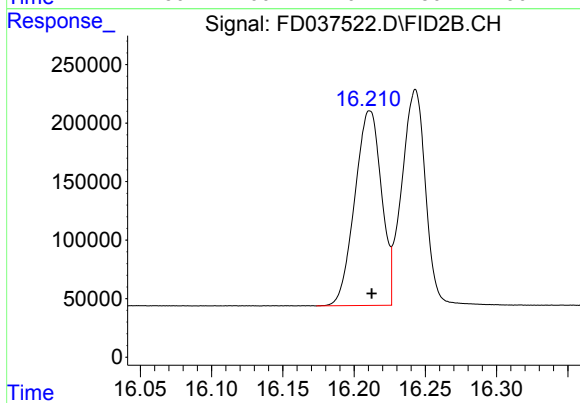
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.663 min
Delta R.T.: 0.000 min
Response: 2131069
Conc: 19.34 ug/ml



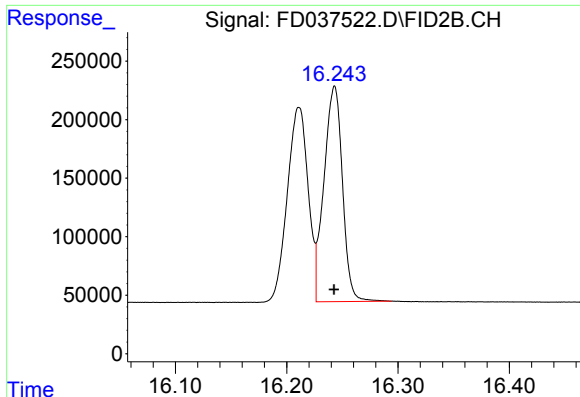
#15 Chrysene (C27.41)

R.T.: 14.705 min
Delta R.T.: 0.000 min
Response: 2231904
Conc: 19.37 ug/ml



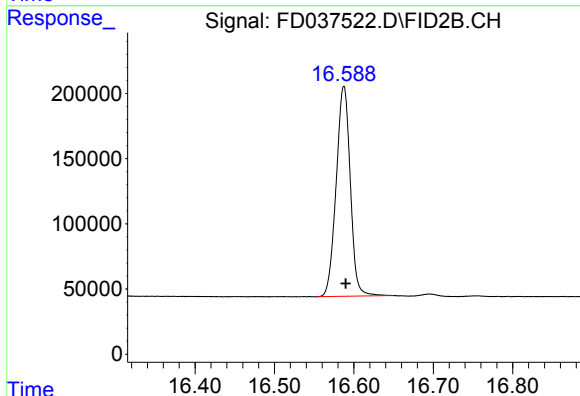
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.211 min
Delta R.T.: -0.001 min
Response: 2166343
Conc: 19.15 ug/ml



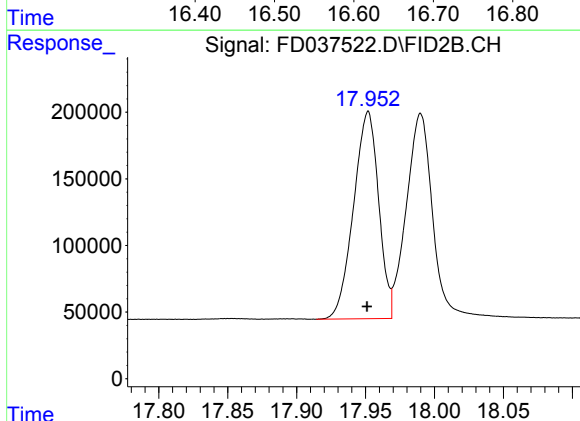
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 2132137
Conc: 19.23 ug/ml



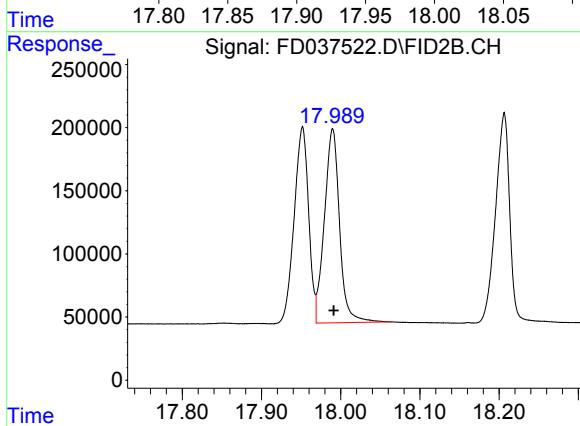
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.587 min
Delta R.T.: -0.002 min
Response: 1987416
Conc: 18.97 ug/ml



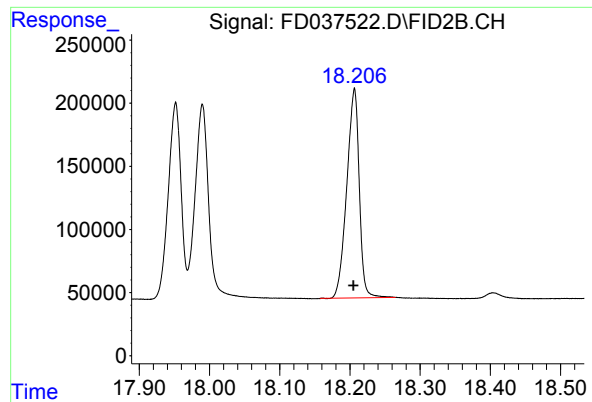
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.952 min
Delta R.T.: 0.000 min
Response: 1968056
Conc: 18.12 ug/ml



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

R.T.: 17.990 min
Delta R.T.: -0.002 min
Response: 2041168
Conc: 18.65 ug/ml



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

R.T.: 18.207 min
Delta R.T.: 0.001 min
Response: 2046875
Conc: 18.73 ug/ml