

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061520AR\
 Data File : FD033704.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2020 12:29
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 16 02:37:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 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...	7.570	1888931	18.166 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
6) S 2-Fluorobiphenyl (SURR)	8.433	1291932	18.692 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.38%
11) S ortho-Terphenyl (SURR)	11.461	2249363	17.156 ug/ml
Spiked Amount 50.000		Recovery =	34.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	2195473	19.258 ug/ml
2) T Naphthalene (C11.7)	5.914	2168460	18.808 ug/ml
3) T 2-Methylnaphthalene (...)	6.963	2178586	18.345 ug/ml
5) T Acenaphthylene (C15.06)	8.234	2169739	17.710 ug/ml
7) T Acenaphthene (C15.5)	8.527	2261972	17.514 ug/ml
8) T Flouorene (C16.55)	9.307	2136034	17.983 ug/ml
9) T Phenanthrene (C19.36)	10.702	2140146	17.447 ug/ml
10) T Anthracene (C19.43)	10.777	2096839	17.226 ug/ml
12) T Fluoranthene (C21.85)	12.511	2144451	17.010 ug/ml
13) T Pyrene (C20.8)	12.808	2087677	17.128 ug/ml
14) T Benzo[a]anthracene (C...	14.680	2002314	17.773 ug/ml
15) T Chrysene (C27.41)	14.721	2267257	17.442 ug/ml
16) T benzo[b]fluoranthene ...	16.233	2135451	18.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.264	2081160	16.722 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.613	2010741	17.149 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2040364	19.987 ug/ml
20) T Dibenz[a,h]anthracene...	18.017	2134731	17.688 ug/ml
21) T Benzo[g,h,i]perylene ...	18.237	2059721	18.487 ug/ml

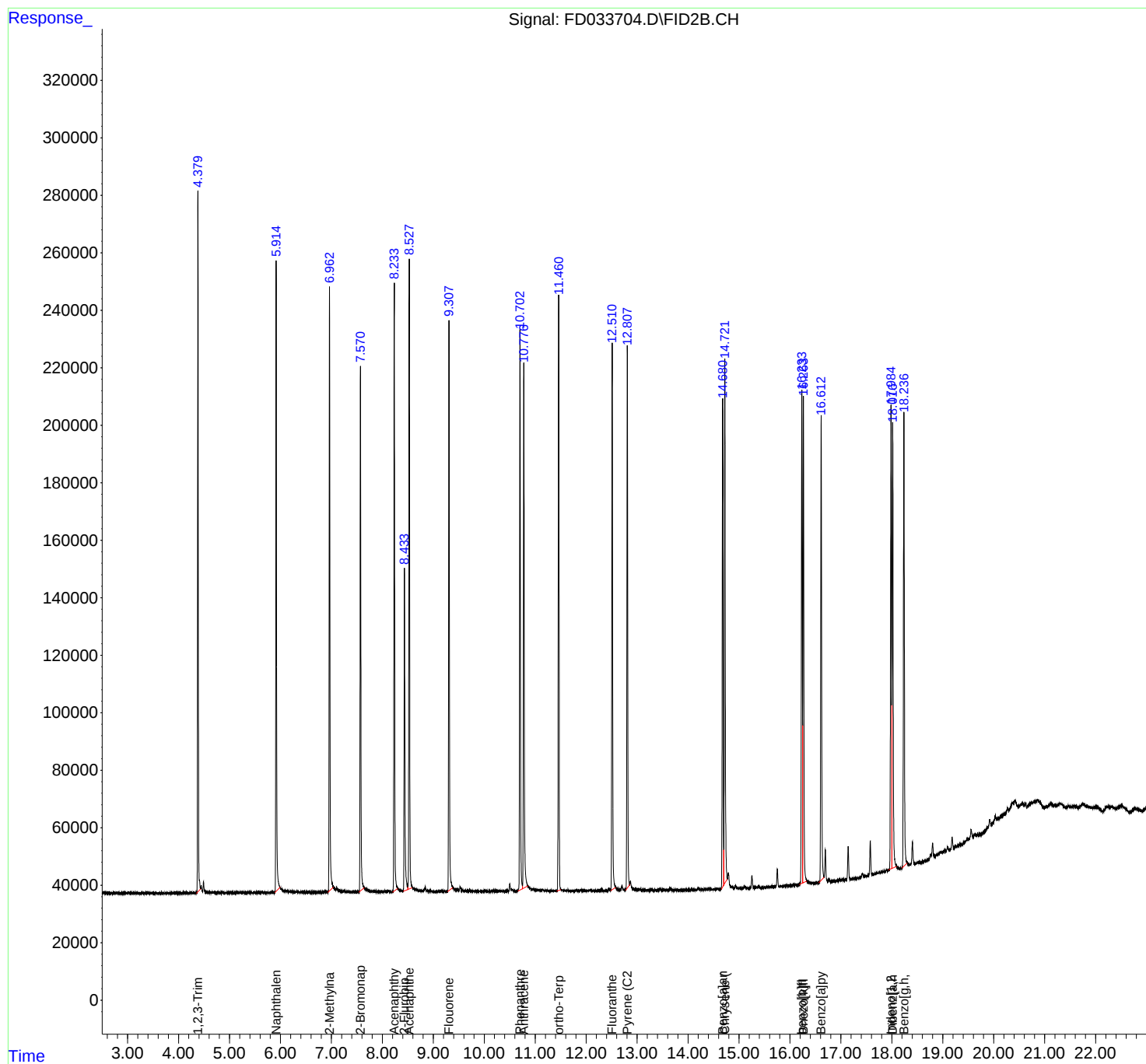
(f)=RT Delta > 1/2 Window

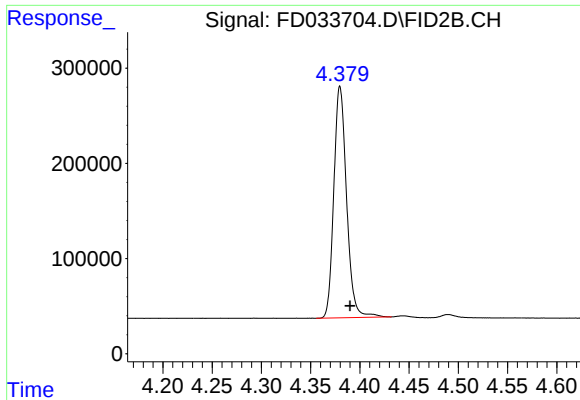
(m)=manual int.

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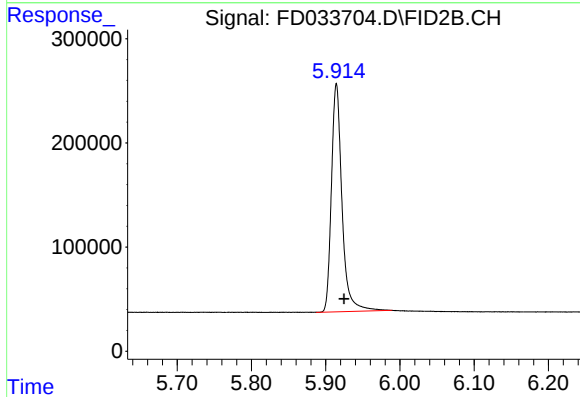
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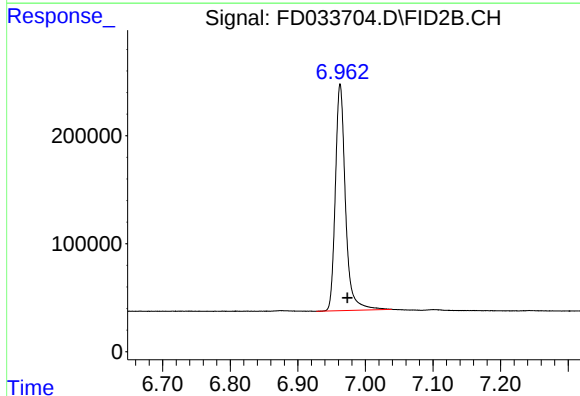
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: -0.010 min
Response: 2195473
Conc: 19.26 ug/ml



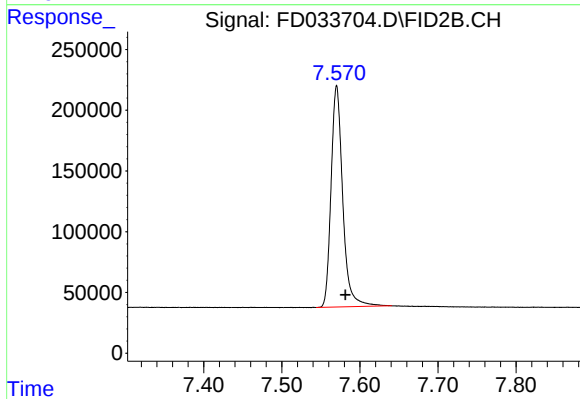
#2 Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 2168460
Conc: 18.81 ug/ml



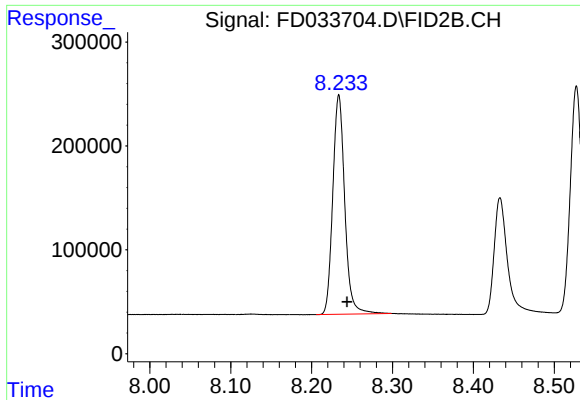
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.011 min
Response: 2178586
Conc: 18.34 ug/ml



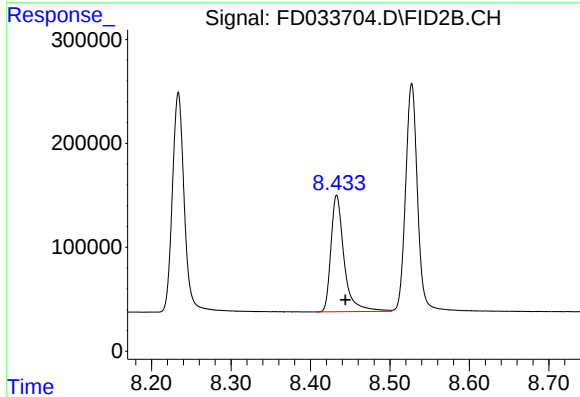
#4 2-Bromonaphthalene (SURR)

R.T.: 7.570 min
Delta R.T.: -0.011 min
Response: 1888931
Conc: 18.17 ug/ml



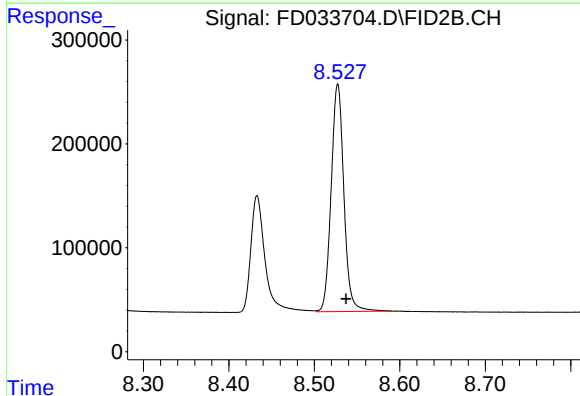
#5 Acenaphthylene (C15.06)

R.T.: 8.234 min
Delta R.T.: -0.010 min
Response: 2169739
Conc: 17.71 ug/ml



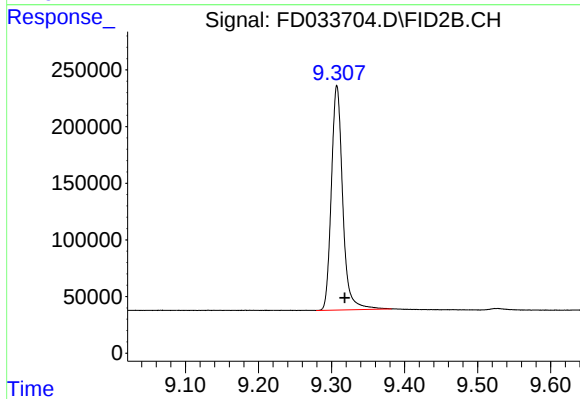
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.433 min
Delta R.T.: -0.011 min
Response: 1291932
Conc: 18.69 ug/ml



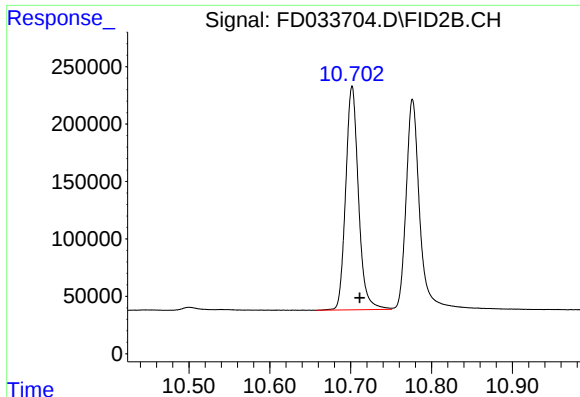
#7 Acenaphthene (C15.5)

R.T.: 8.527 min
Delta R.T.: -0.010 min
Response: 2261972
Conc: 17.51 ug/ml



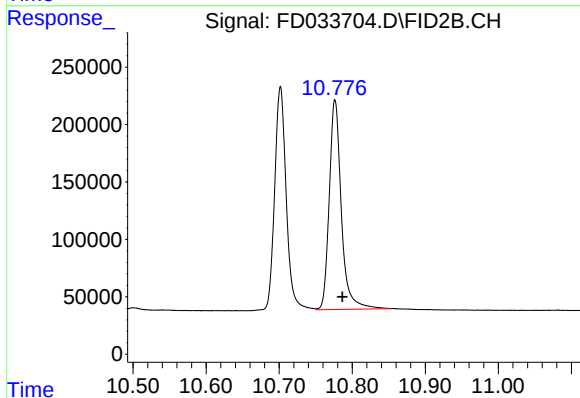
#8 Fluorene (C16.55)

R.T.: 9.307 min
Delta R.T.: -0.011 min
Response: 2136034
Conc: 17.98 ug/ml



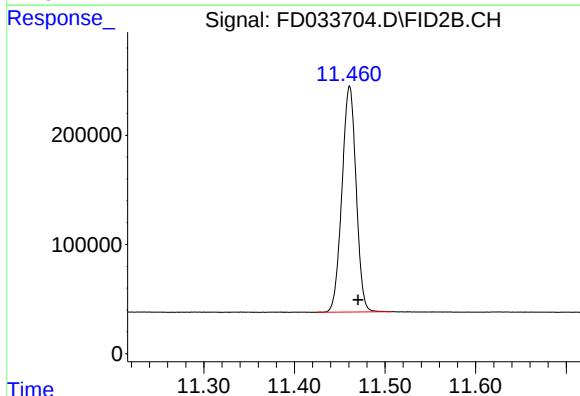
#9 Phenanthrene (C19.36)

R.T.: 10.702 min
Delta R.T.: -0.009 min
Response: 2140146
Conc: 17.45 ug/ml



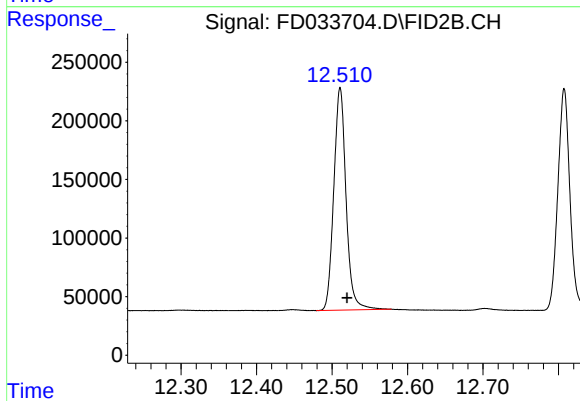
#10 Anthracene (C19.43)

R.T.: 10.777 min
Delta R.T.: -0.010 min
Response: 2096839
Conc: 17.23 ug/ml



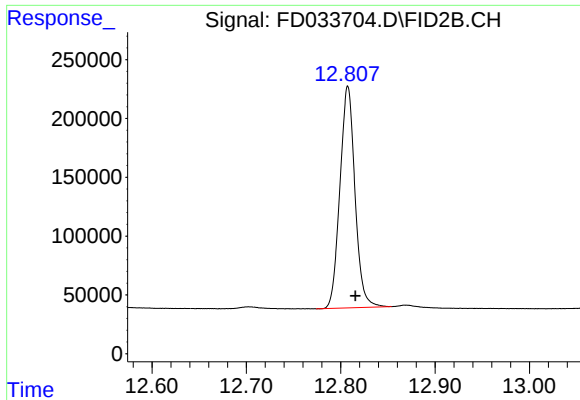
#11 ortho-Terphenyl (SURR)

R.T.: 11.461 min
Delta R.T.: -0.009 min
Response: 2249363
Conc: 17.16 ug/ml



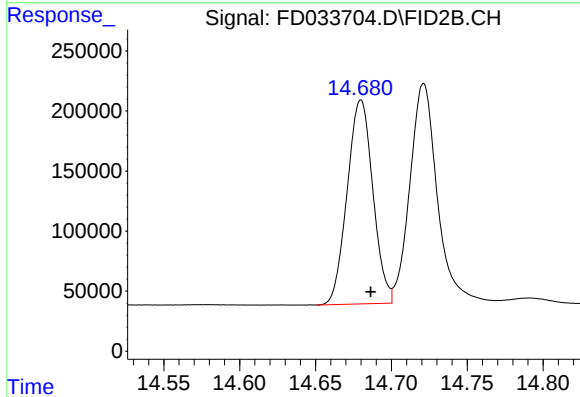
#12 Fluoranthene (C21.85)

R.T.: 12.511 min
Delta R.T.: -0.009 min
Response: 2144451
Conc: 17.01 ug/ml



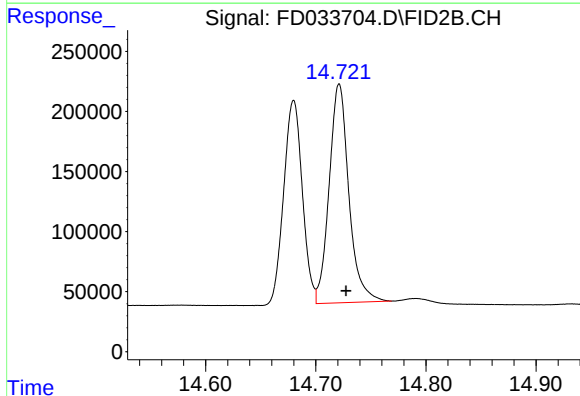
#13 Pyrene (C20.8)

R.T.: 12.808 min
Delta R.T.: -0.008 min
Response: 2087677
Conc: 17.13 ug/ml



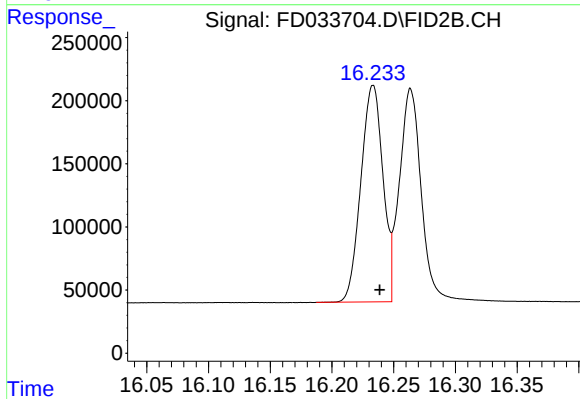
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: -0.007 min
Response: 2002314
Conc: 17.77 ug/ml



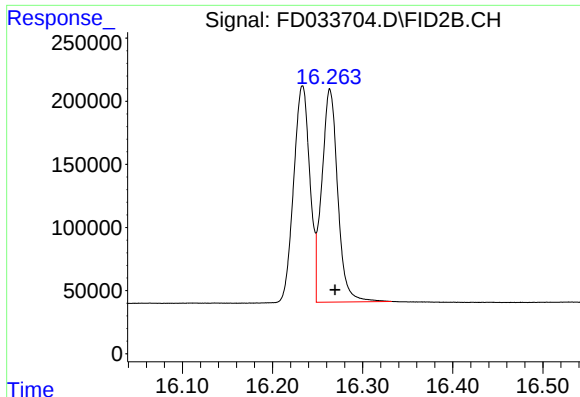
#15 Chrysene (C27.41)

R.T.: 14.721 min
Delta R.T.: -0.006 min
Response: 2267257
Conc: 17.44 ug/ml



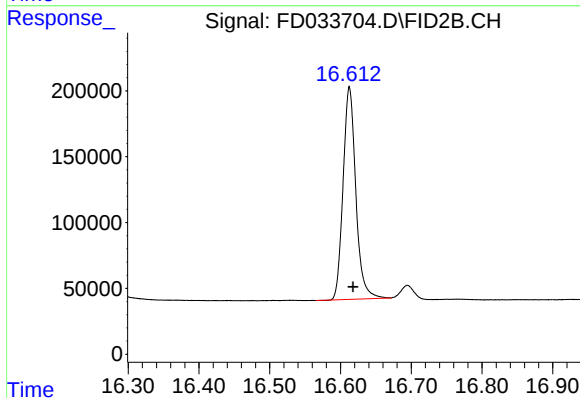
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.233 min
Delta R.T.: -0.006 min
Response: 2135451
Conc: 18.70 ug/ml



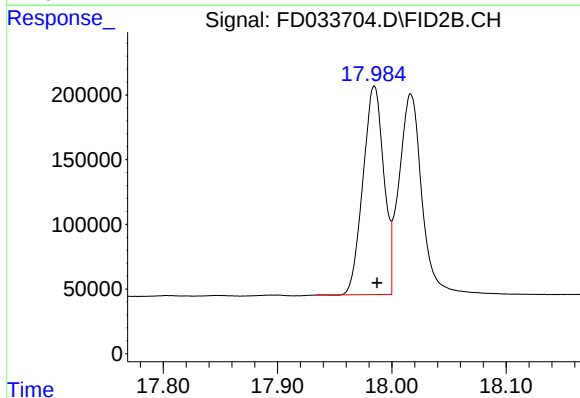
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.264 min
Delta R.T.: -0.005 min
Response: 2081160
Conc: 16.72 ug/ml



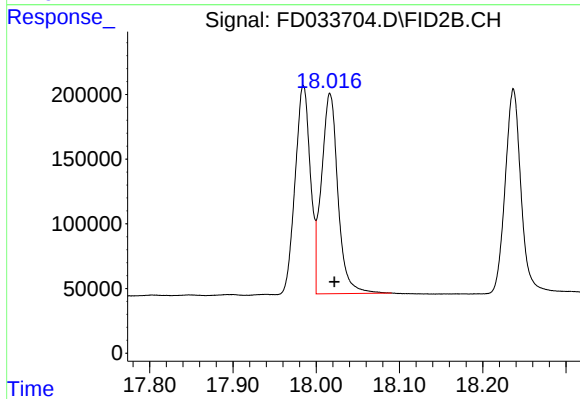
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.613 min
Delta R.T.: -0.005 min
Response: 2010741
Conc: 17.15 ug/ml



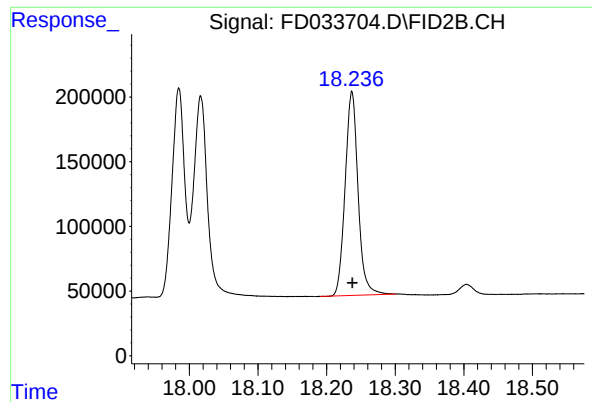
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: -0.003 min
Response: 2040364
Conc: 19.99 ug/ml



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

R.T.: 18.017 min
Delta R.T.: -0.005 min
Response: 2134731
Conc: 17.69 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2059721
Conc: 18.49 ug/ml