

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071818AR\
 Data File : FD025133.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jul 2018 9:47
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 19 10:19:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 2018
 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...	7.475	1654233	18.083 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
6) S 2-Fluorobiphenyl (SURR)	8.331	1132821	17.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.72%
11) S ortho-Terphenyl (SURR)	11.380	1921883	19.151 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	1973232	21.232 ug/ml
2) T Naphthalene (C11.7)	5.808	1959027	19.306 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	1871766	18.410 ug/ml
5) T Acenaphthylene (C15.06)	8.134	1783923	17.866 ug/ml
7) T Acenaphthene (C15.5)	8.430	1859468	17.801 ug/ml
8) T Flouorene (C16.55)	9.212	1875670	17.952 ug/ml
9) T Phenanthrene (C19.36)	10.606	1984868	19.305 ug/ml
10) T Anthracene (C19.43)	10.680	1968088	19.304 ug/ml
12) T Fluoranthene (C21.85)	12.417	2146518	21.527 ug/ml
13) T Pyrene (C20.8)	12.713	2171299	21.836 ug/ml
14) T Benzo[a]anthracene (C...	14.586	2164181	23.053 ug/ml
15) T Chrysene (C27.41)	14.628	2178812	23.031 ug/ml
16) T benzo[b]fluoranthene ...	16.137	2224238	21.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	2241461	21.241 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	2206754	21.235 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	2161607	20.280 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	2266989	21.675 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	2124272	20.000 ug/ml

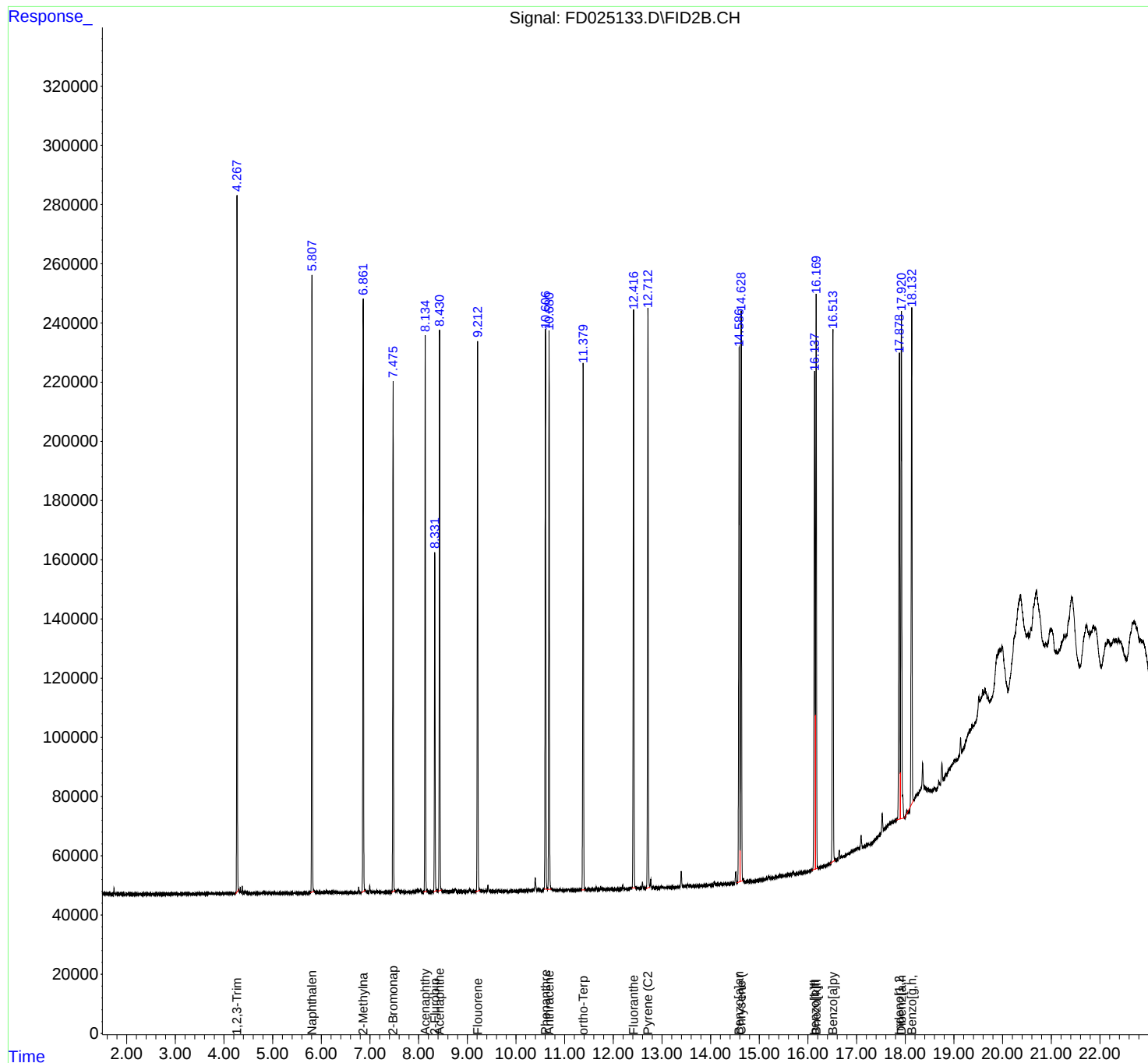
(f)=RT Delta > 1/2 Window

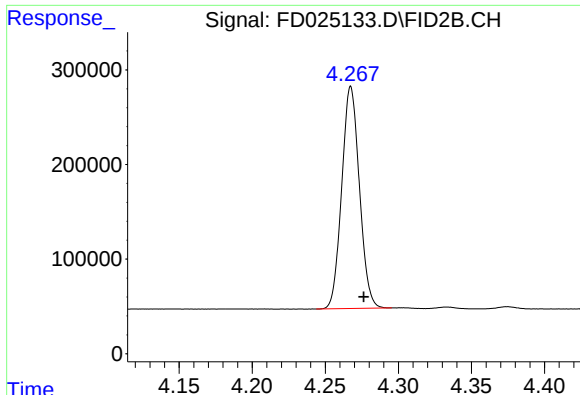
(m)=manual int.

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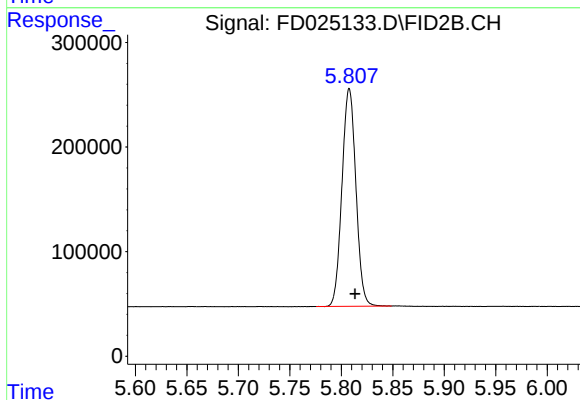
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Signal Info : 20M x 0.18mm x 0.18µm





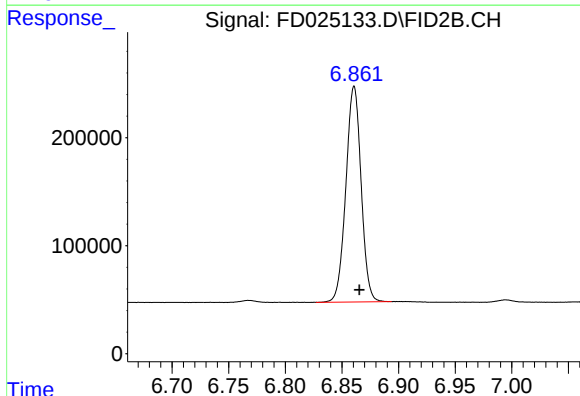
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.009 min
Response: 1973232
Conc: 21.23 ug/ml



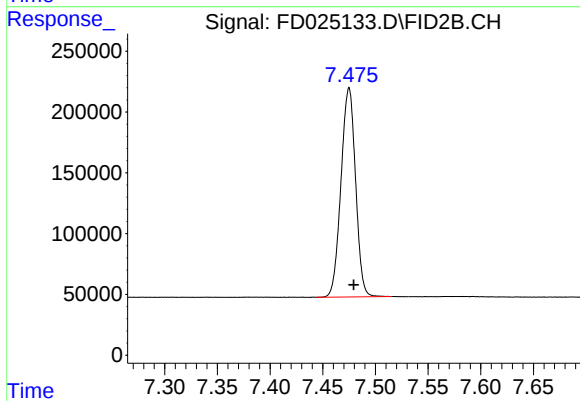
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.006 min
Response: 1959027
Conc: 19.31 ug/ml



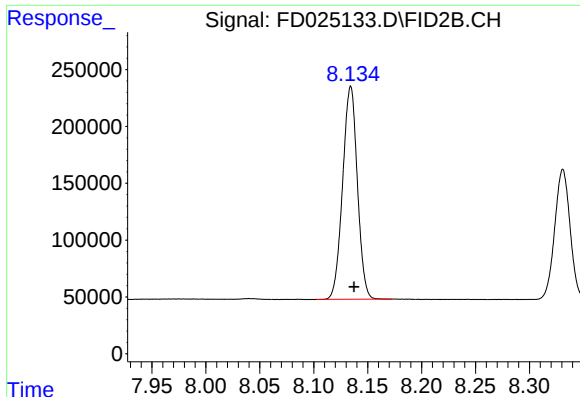
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 1871766
Conc: 18.41 ug/ml



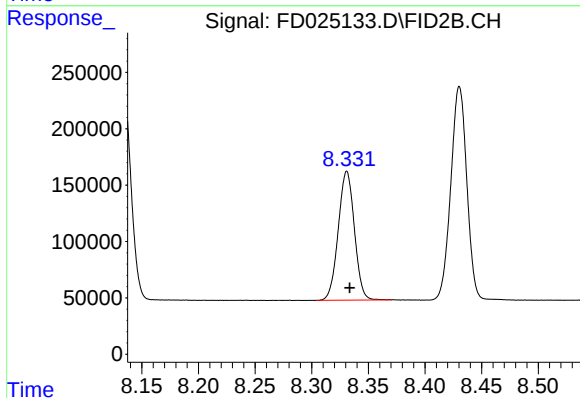
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: -0.005 min
Response: 1654233
Conc: 18.08 ug/ml



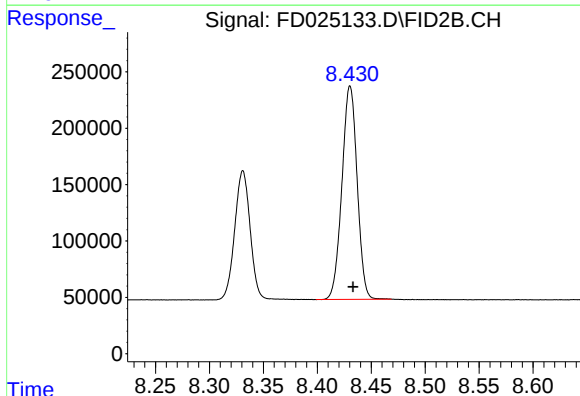
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min
Delta R.T.: -0.003 min
Response: 1783923
Conc: 17.87 ug/ml



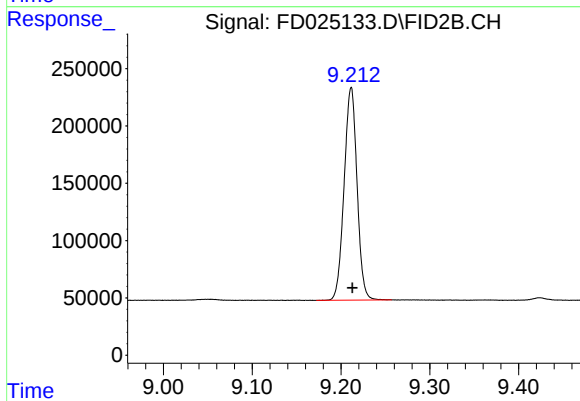
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 1132821
Conc: 17.86 ug/ml



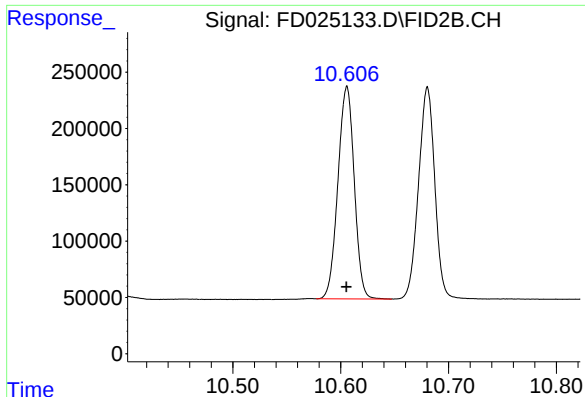
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: -0.003 min
Response: 1859468
Conc: 17.80 ug/ml



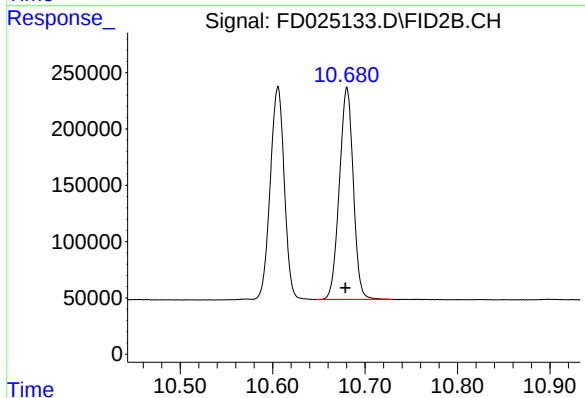
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: -0.001 min
Response: 1875670
Conc: 17.95 ug/ml



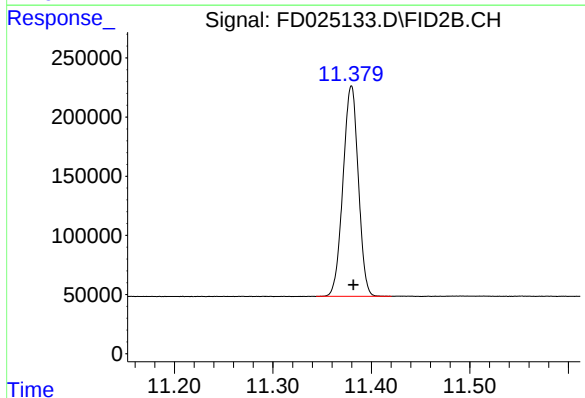
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 1984868
Conc: 19.30 ug/ml



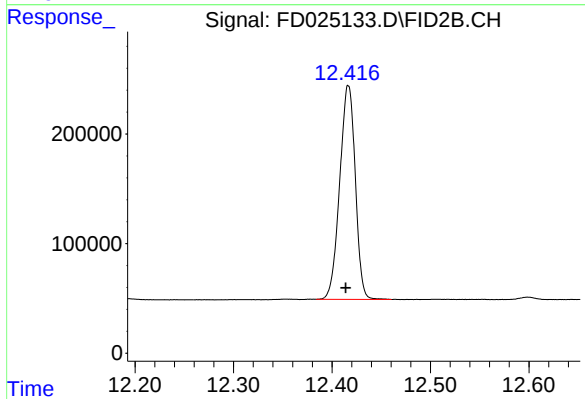
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.001 min
Response: 1968088
Conc: 19.30 ug/ml



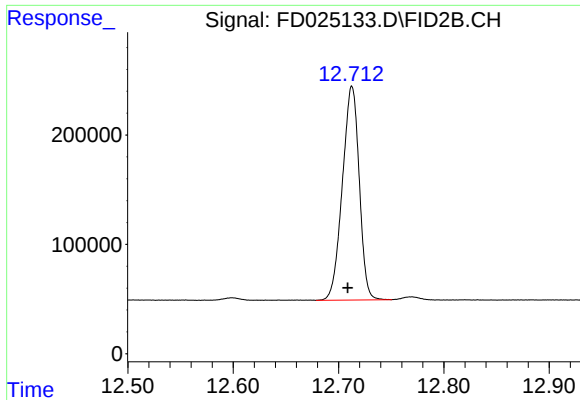
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: -0.002 min
Response: 1921883
Conc: 19.15 ug/ml



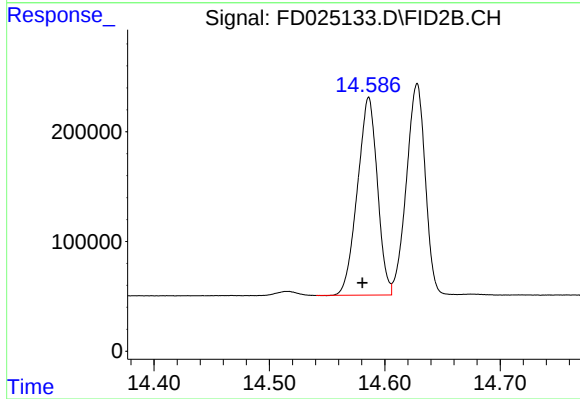
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: 0.003 min
Response: 2146518
Conc: 21.53 ug/ml



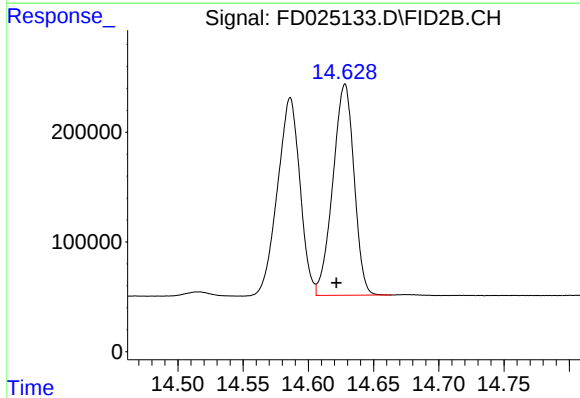
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.004 min
Response: 2171299
Conc: 21.84 ug/ml



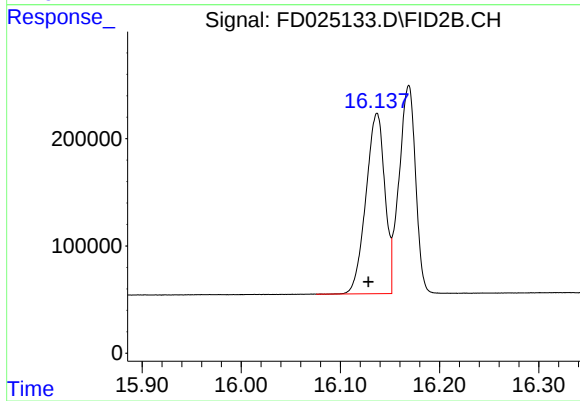
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: 0.005 min
Response: 2164181
Conc: 23.05 ug/ml



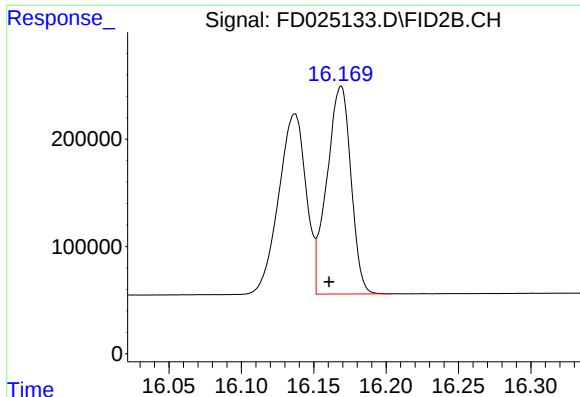
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.007 min
Response: 2178812
Conc: 23.03 ug/ml



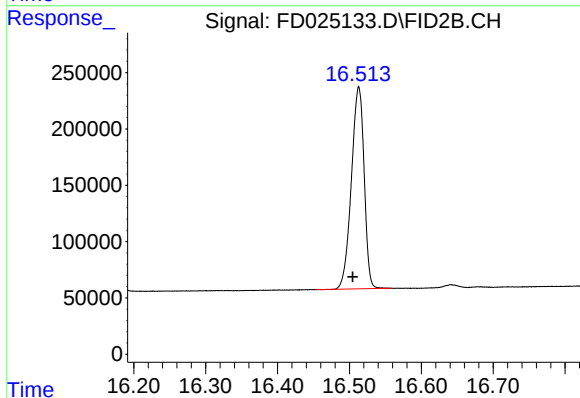
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.137 min
Delta R.T.: 0.009 min
Response: 2224238
Conc: 21.51 ug/ml



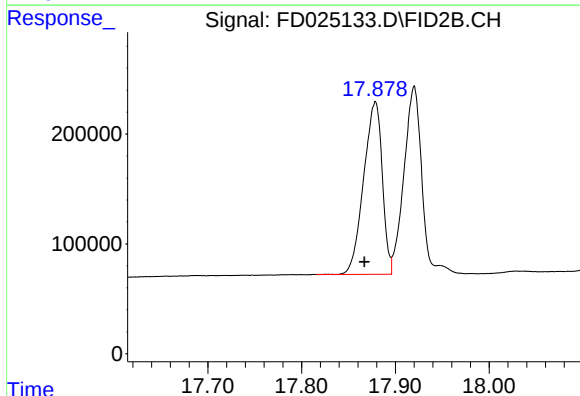
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.169 min
Delta R.T.: 0.008 min
Response: 2241461
Conc: 21.24 ug/ml



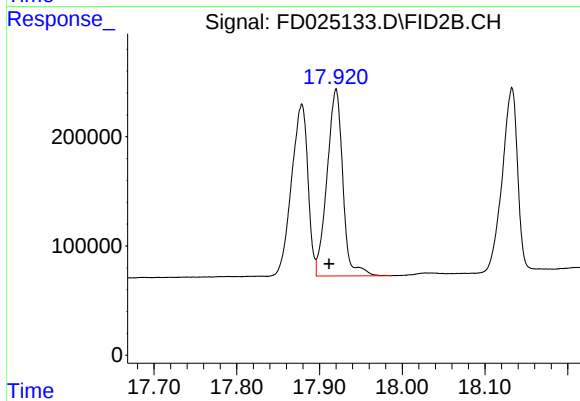
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.008 min
Response: 2206754
Conc: 21.24 ug/ml



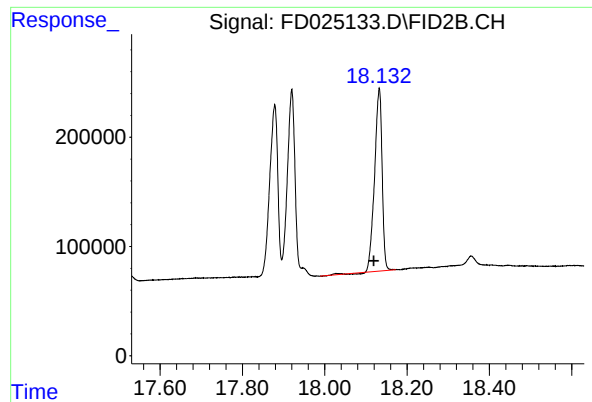
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: 0.012 min
Response: 2161607
Conc: 20.28 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.008 min
Response: 2266989
Conc: 21.68 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.013 min
Response: 2124272
Conc: 20.00 ug/ml