

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050219AR\
 Data File : FD029110.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2019 14:25
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 03 00:51:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 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...	7.088	1766913	17.714 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
6) S 2-Fluorobiphenyl (SURR)	7.955	1174515	17.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.28%
11) S ortho-Terphenyl (SURR)	10.991	1903344	17.864 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.913	2029136	21.463 ug/ml
2) T Naphthalene (C11.7)	5.434	2056761	19.246 ug/ml
3) T 2-Methylnaphthalene (...)	6.481	1984990	18.136 ug/ml
5) T Acenaphthylene (C15.06)	7.758	1845248	17.236 ug/ml
7) T Acenaphthene (C15.5)	8.053	1927837	17.152 ug/ml
8) T Fluorene (C16.55)	8.833	1912416	17.088 ug/ml
9) T Phenanthrene (C19.36)	10.231	1959896	18.257 ug/ml
10) T Anthracene (C19.43)	10.305	1965208	18.474 ug/ml
12) T Fluoranthene (C21.85)	12.041	2101564	20.915 ug/ml
13) T Pyrene (C20.8)	12.340	2120948	20.896 ug/ml
14) T Benzo[a]anthracene (C...	14.207	2114064	20.845 ug/ml
15) T Chrysene (C27.41)	14.249	2118297	20.779 ug/ml
16) T benzo[b]fluoranthene ...	15.755	2181793	20.335 ug/ml
17) T Bnezo[k]fluoranthene ...	15.787	2161715	20.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.134	2150221	20.131 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.496	2121910	19.646 ug/ml
20) T Dibenz[a,h]anthracene...	17.533	2073912	19.563 ug/ml
21) T Benzo[g,h,i]perylene ...	17.752	2134678	19.940 ug/ml

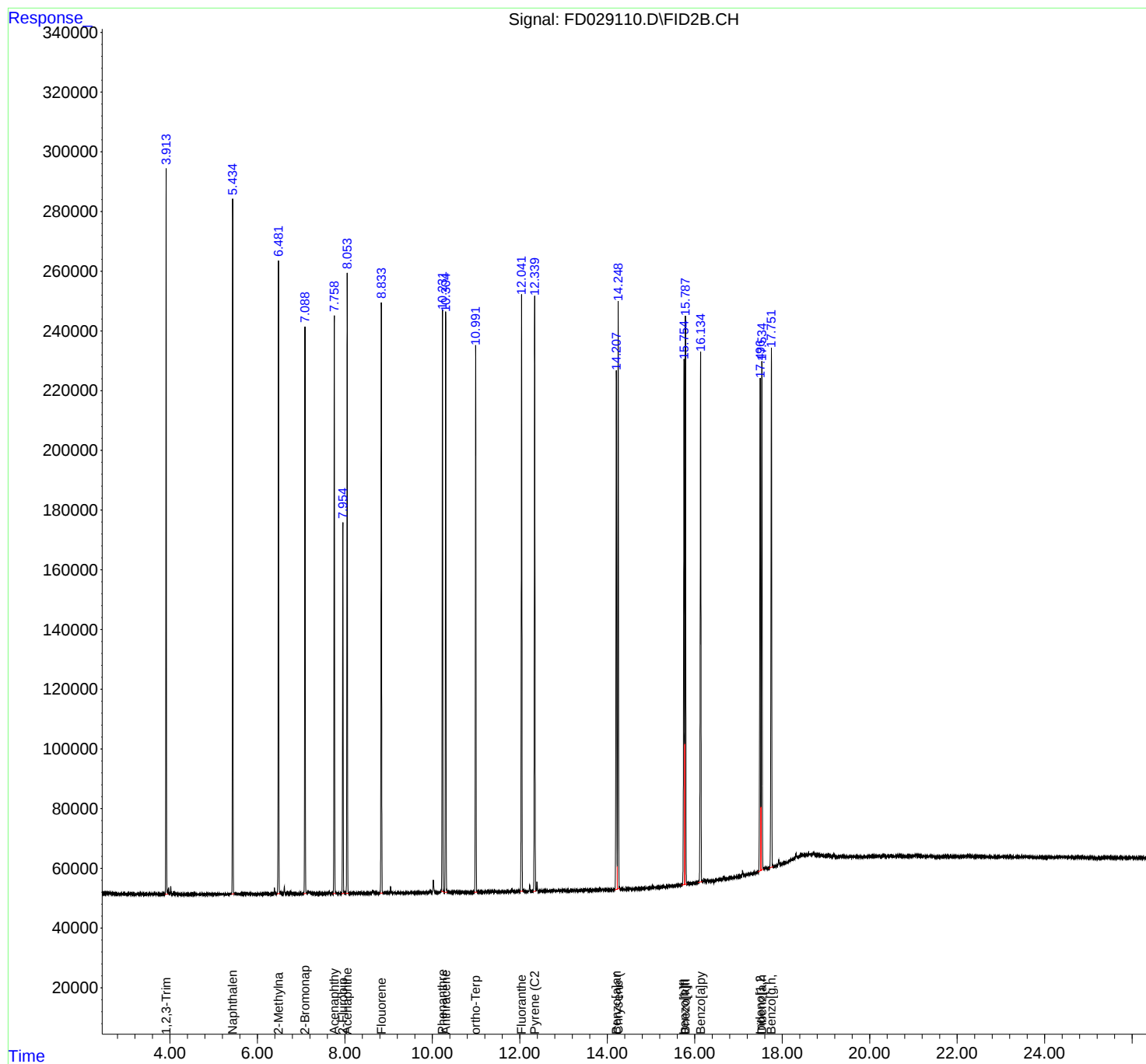
(f)=RT Delta > 1/2 Window

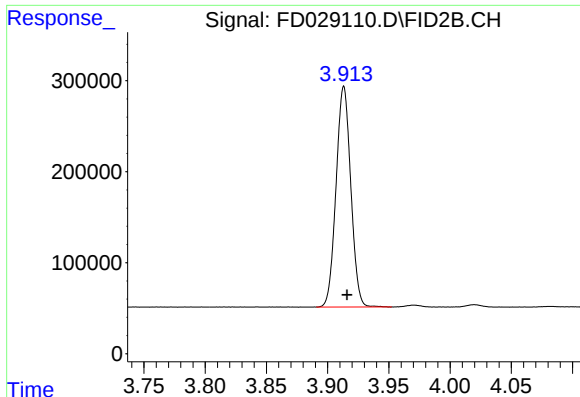
(m)=manual int.

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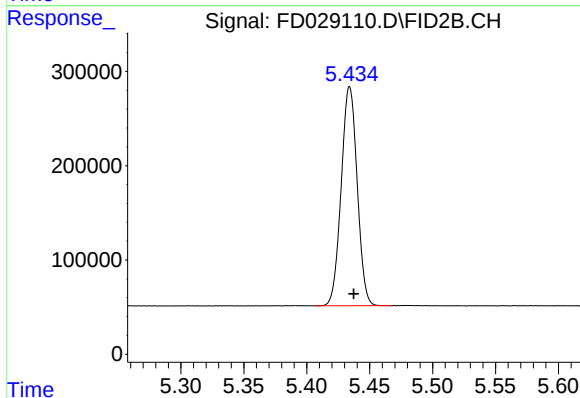
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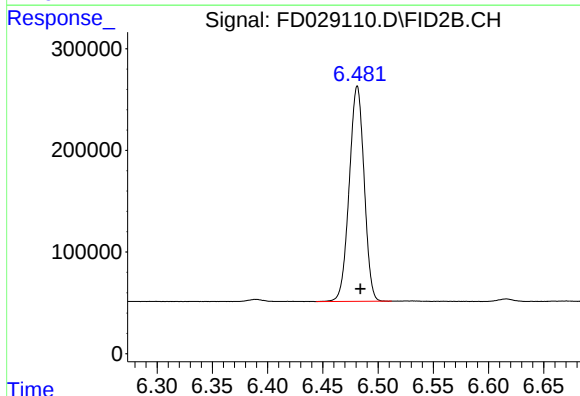
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 2029136
Conc: 21.46 ug/ml



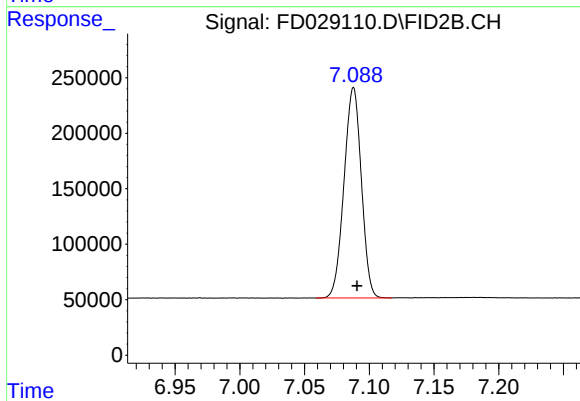
#2 Naphthalene (C11.7)

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 2056761
Conc: 19.25 ug/ml



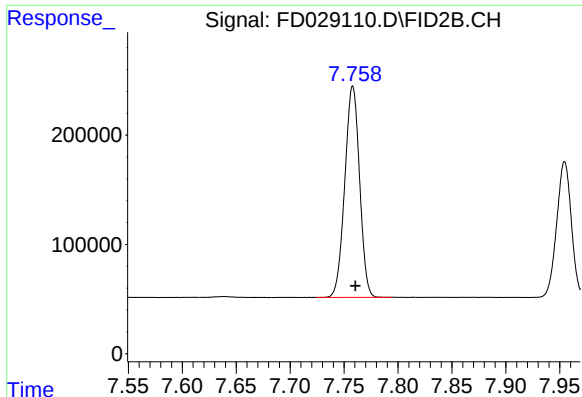
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 1984990
Conc: 18.14 ug/ml



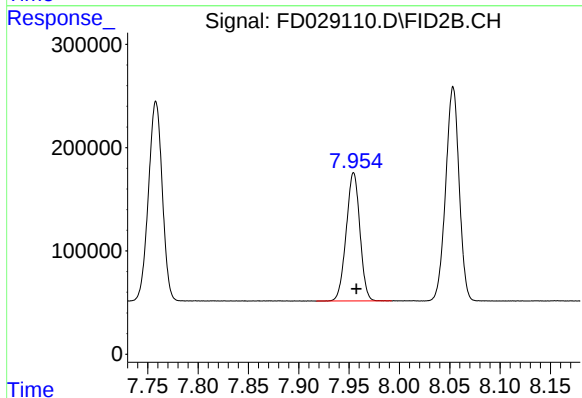
#4 2-Bromonaphthalene (SURR)

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 1766913
Conc: 17.71 ug/ml



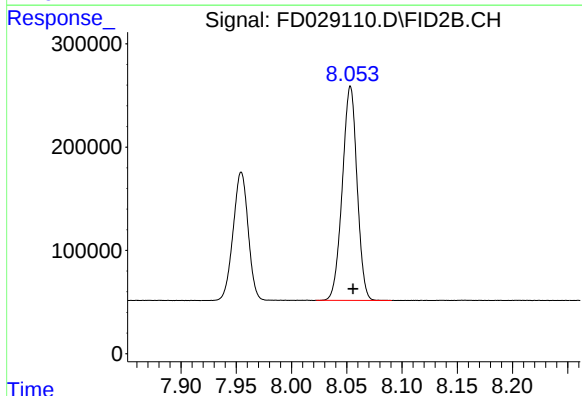
#5 Acenaphthylene (C15.06)

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 1845248
Conc: 17.24 ug/ml



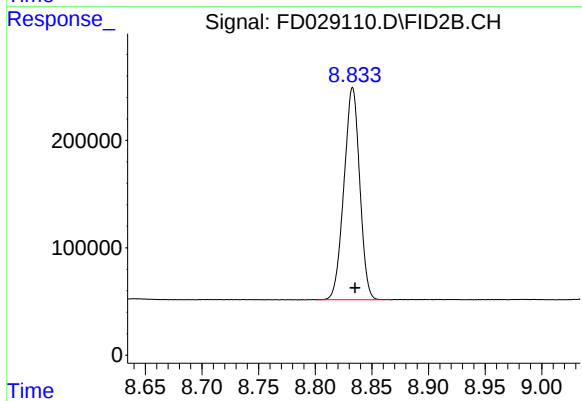
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.955 min
Delta R.T.: -0.003 min
Response: 1174515
Conc: 17.14 ug/ml



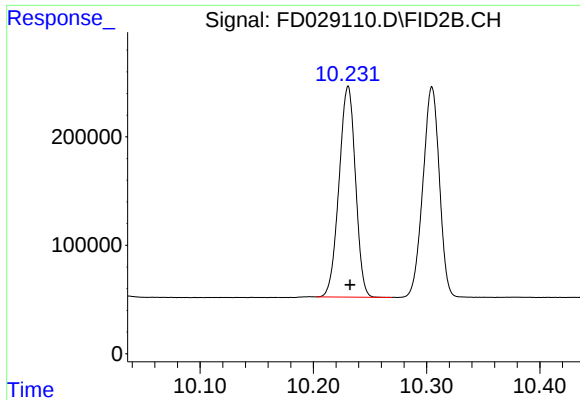
#7 Acenaphthene (C15.5)

R.T.: 8.053 min
Delta R.T.: -0.002 min
Response: 1927837
Conc: 17.15 ug/ml



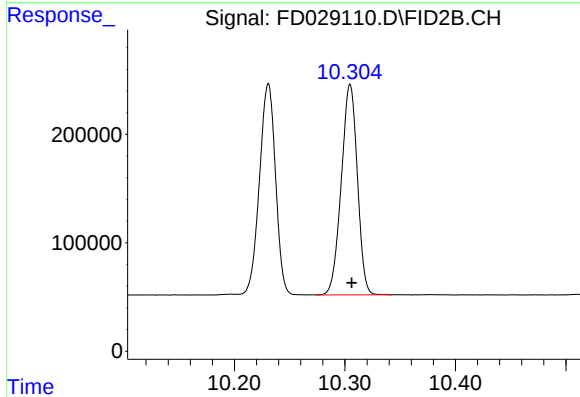
#8 Flouorene (C16.55)

R.T.: 8.833 min
Delta R.T.: -0.002 min
Response: 1912416
Conc: 17.09 ug/ml



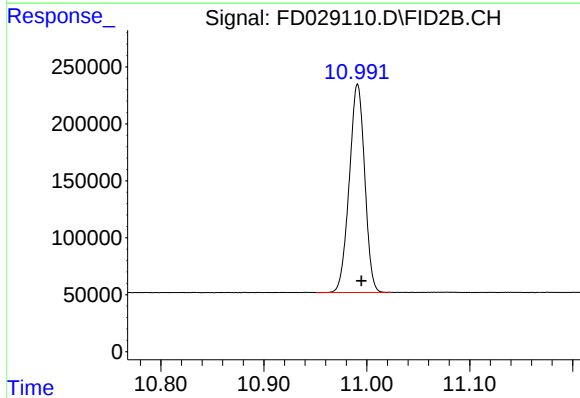
#9 Phenanthrene (C19.36)

R.T.: 10.231 min
Delta R.T.: -0.002 min
Response: 1959896
Conc: 18.26 ug/ml



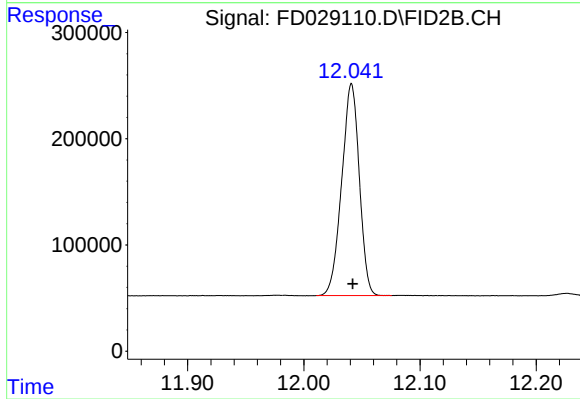
#10 Anthracene (C19.43)

R.T.: 10.305 min
Delta R.T.: -0.001 min
Response: 1965208
Conc: 18.47 ug/ml



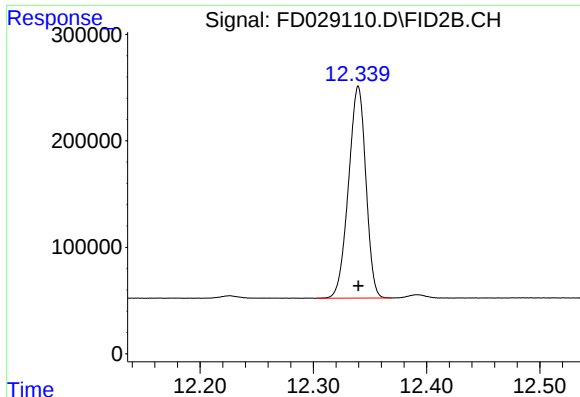
#11 ortho-Terphenyl (SURR)

R.T.: 10.991 min
Delta R.T.: -0.004 min
Response: 1903344
Conc: 17.86 ug/ml



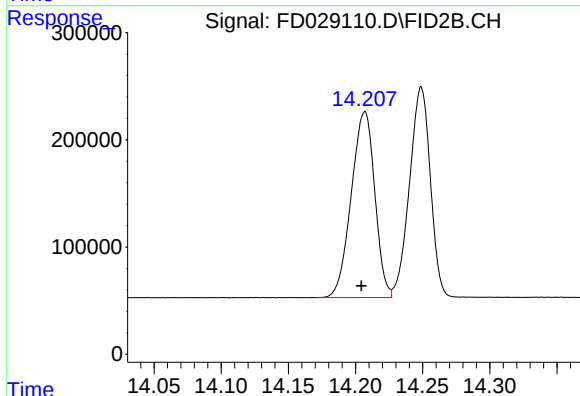
#12 Fluoranthene (C21.85)

R.T.: 12.041 min
Delta R.T.: -0.001 min
Response: 2101564
Conc: 20.92 ug/ml



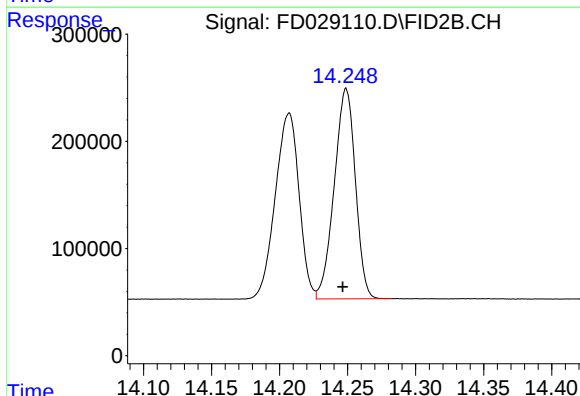
#13 Pyrene (C20.8)

R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 2120948
Conc: 20.90 ug/ml



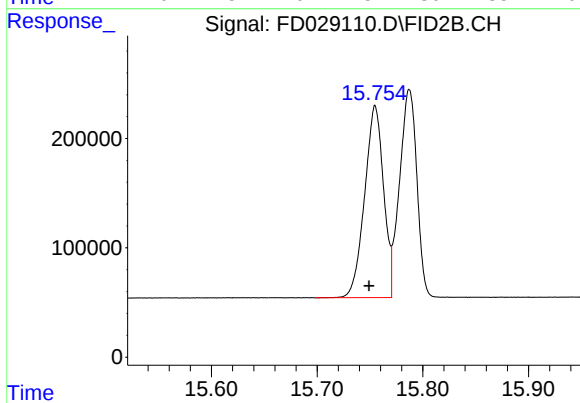
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.207 min
Delta R.T.: 0.002 min
Response: 2114064
Conc: 20.84 ug/ml



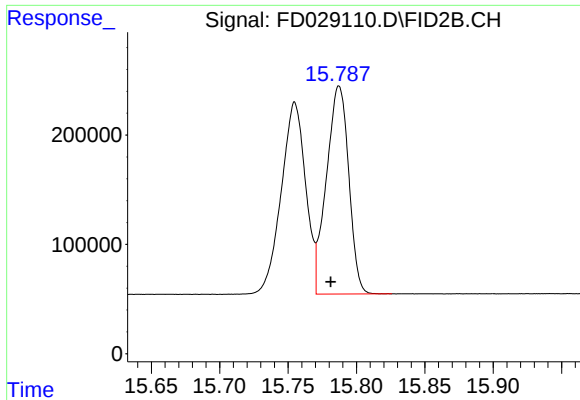
#15 Chrysene (C27.41)

R.T.: 14.249 min
Delta R.T.: 0.002 min
Response: 2118297
Conc: 20.78 ug/ml



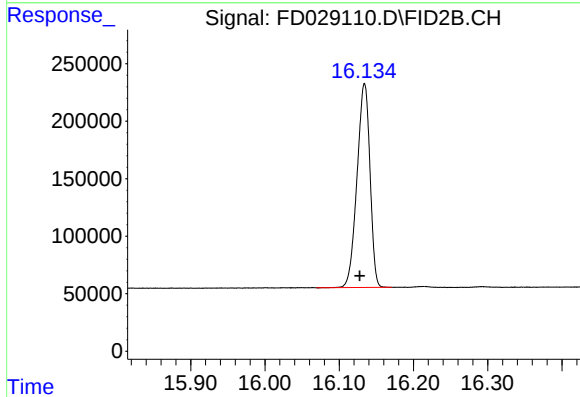
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.755 min
Delta R.T.: 0.006 min
Response: 2181793
Conc: 20.34 ug/ml



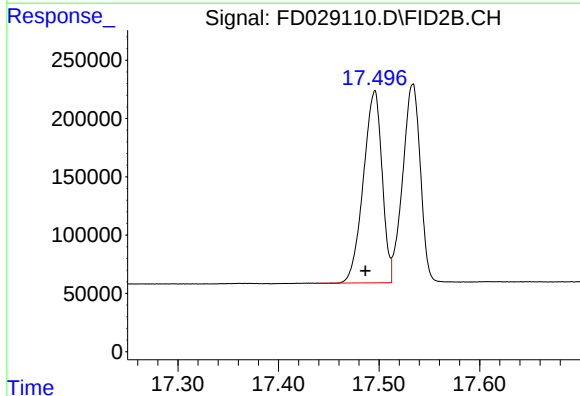
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.787 min
Delta R.T.: 0.006 min
Response: 2161715
Conc: 20.36 ug/ml



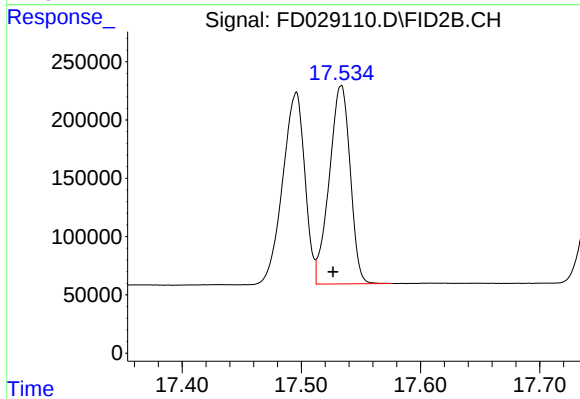
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 2150221
Conc: 20.13 ug/ml



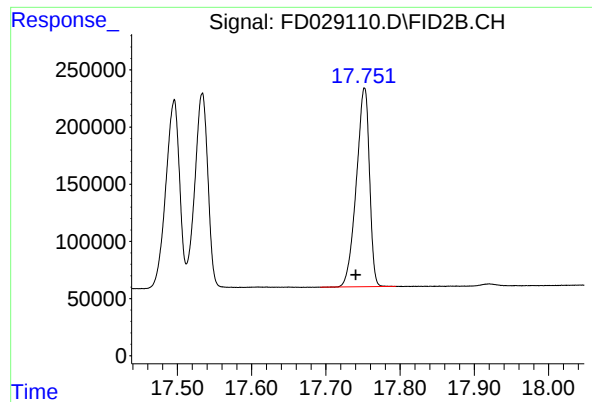
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.496 min
Delta R.T.: 0.009 min
Response: 2121910
Conc: 19.65 ug/ml



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

R.T.: 17.533 min
Delta R.T.: 0.007 min
Response: 2073912
Conc: 19.56 ug/ml



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

R.T.: 17.752 min
Delta R.T.: 0.012 min
Response: 2134678
Conc: 19.94 ug/ml