

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050219AR\
 Data File : FD029101.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2019 8:48
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 03 00:45:46 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...	7.087	1612301	16.164 ug/ml
Spiked Amount 50.000		Recovery =	32.33%
6) S 2-Fluorobiphenyl (SURR)	7.954	1075421	15.693 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.39%
11) S ortho-Terphenyl (SURR)	10.991	1748331	16.409 ug/ml
Spiked Amount 50.000		Recovery =	32.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.913	1840037	19.463 ug/ml
2) T Naphthalene (C11.7)	5.434	1870301	17.502 ug/ml
3) T 2-Methylnaphthalene (...)	6.481	1809968	16.537 ug/ml
5) T Acenaphthylene (C15.06)	7.758	1688691	15.774 ug/ml
7) T Acenaphthene (C15.5)	8.053	1767383	15.724 ug/ml
8) T Flouorene (C16.55)	8.833	1753297	15.666 ug/ml
9) T Phenanthrene (C19.36)	10.231	1797020	16.739 ug/ml
10) T Anthracene (C19.43)	10.305	1803475	16.954 ug/ml
12) T Fluoranthene (C21.85)	12.041	1917110	19.080 ug/ml
13) T Pyrene (C20.8)	12.340	1932169	19.036 ug/ml
14) T Benzo[a]anthracene (C...	14.206	1930114	19.031 ug/ml
15) T Chrysene (C27.41)	14.250	1936095	18.992 ug/ml
16) T benzo[b]fluoranthene ...	15.755	1987756	18.527 ug/ml
17) T Bnezo[k]fluoranthene ...	15.787	1973657	18.588 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.134	1959471	18.345 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.494	1916626	17.745 ug/ml
20) T Dibenz[a,h]anthracene...	17.533	1868164	17.622 ug/ml
21) T Benzo[g,h,i]perylene ...	17.750	1947109	18.188 ug/ml

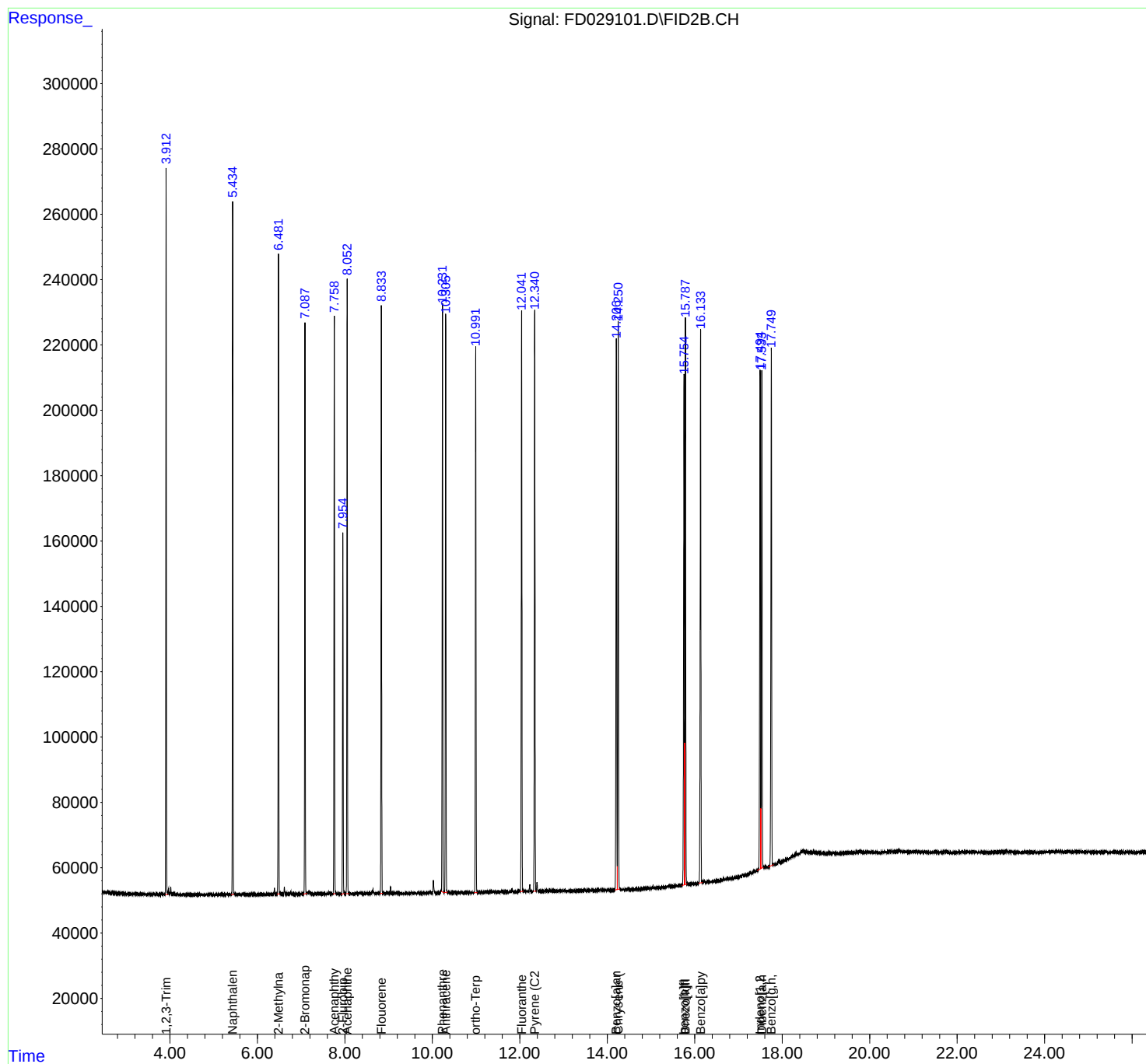
(f)=RT Delta > 1/2 Window

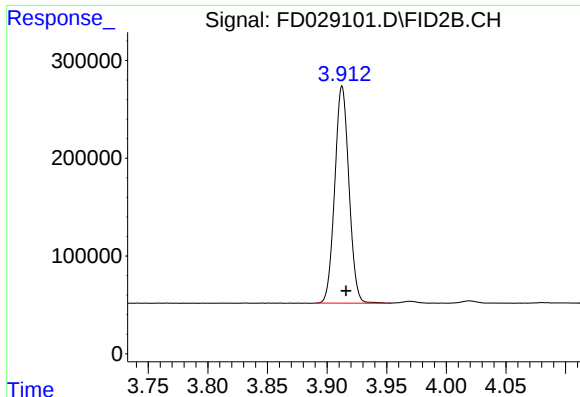
(m)=manual int.

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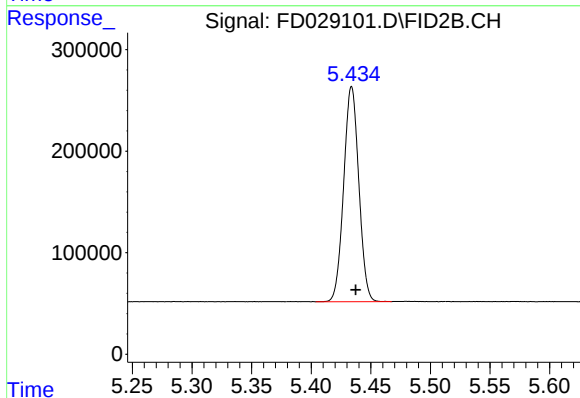
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





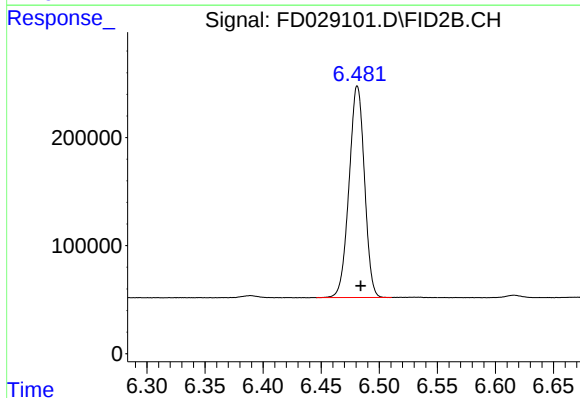
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 1840037
Conc: 19.46 ug/ml



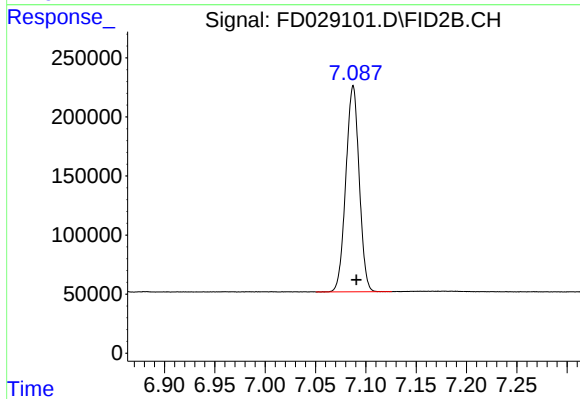
#2 Naphthalene (C11.7)

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 1870301
Conc: 17.50 ug/ml



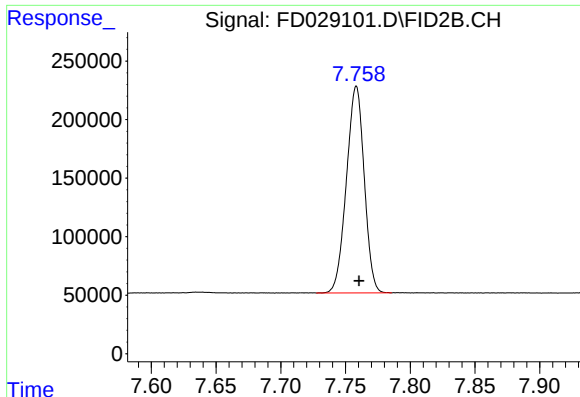
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 1809968
Conc: 16.54 ug/ml



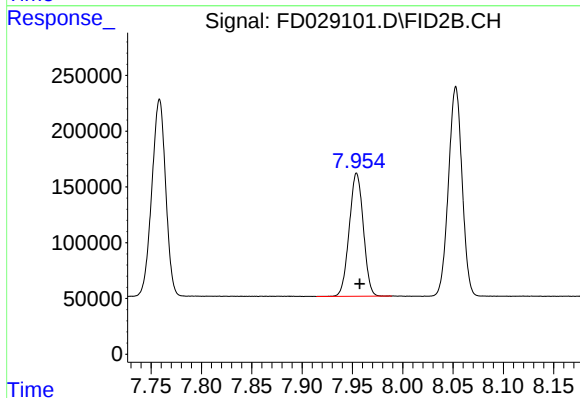
#4 2-Bromonaphthalene (SURR)

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 1612301
Conc: 16.16 ug/ml



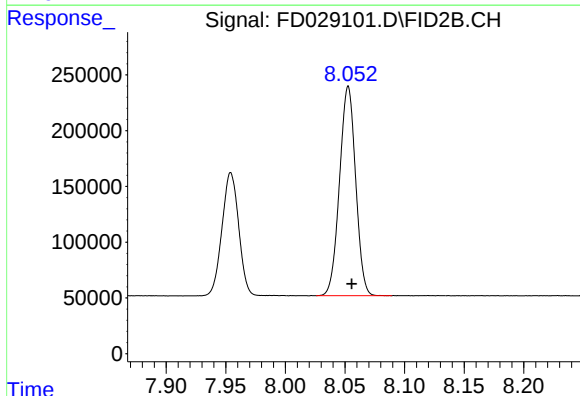
#5 Acenaphthylene (C15.06)

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 1688691
Conc: 15.77 ug/ml



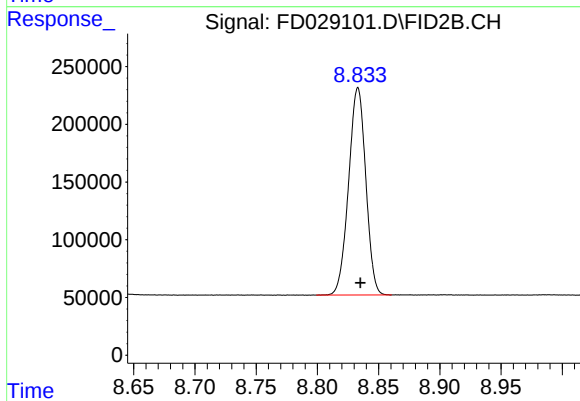
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 1075421
Conc: 15.69 ug/ml



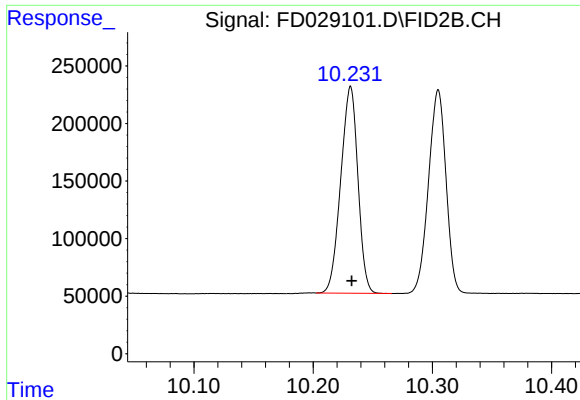
#7 Acenaphthene (C15.5)

R.T.: 8.053 min
Delta R.T.: -0.003 min
Response: 1767383
Conc: 15.72 ug/ml



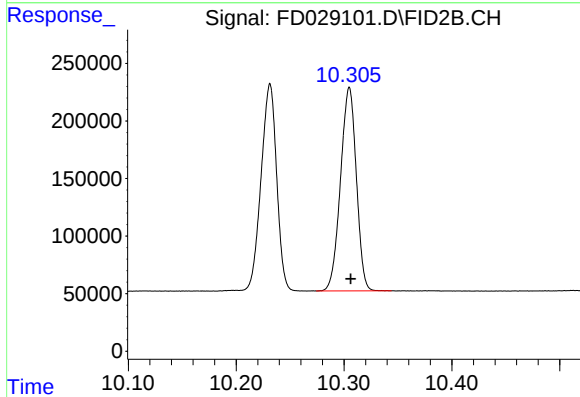
#8 Fluorene (C16.55)

R.T.: 8.833 min
Delta R.T.: -0.002 min
Response: 1753297
Conc: 15.67 ug/ml



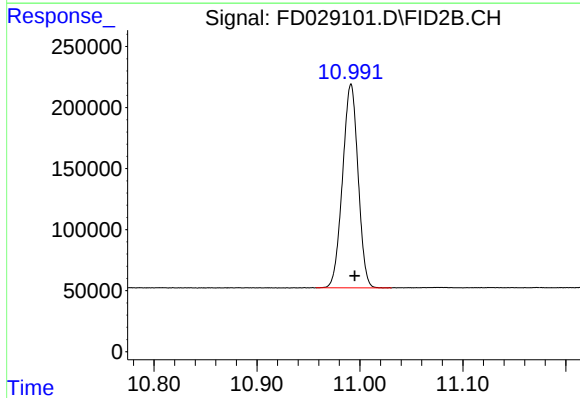
#9 Phenanthrene (C19.36)

R.T.: 10.231 min
Delta R.T.: -0.001 min
Response: 1797020
Conc: 16.74 ug/ml



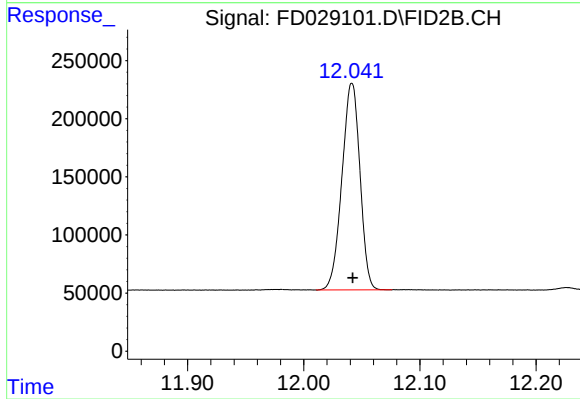
#10 Anthracene (C19.43)

R.T.: 10.305 min
Delta R.T.: -0.001 min
Response: 1803475
Conc: 16.95 ug/ml



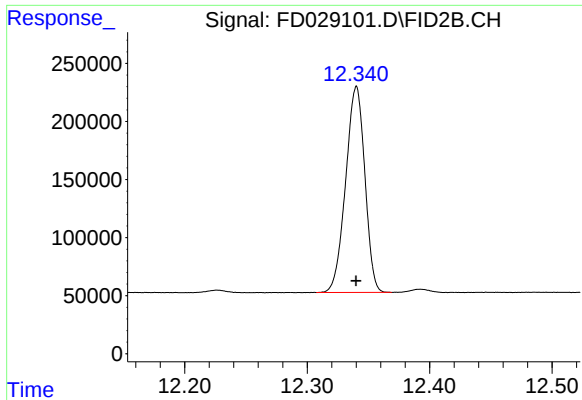
#11 ortho-Terphenyl (SURR)

R.T.: 10.991 min
Delta R.T.: -0.003 min
Response: 1748331
Conc: 16.41 ug/ml



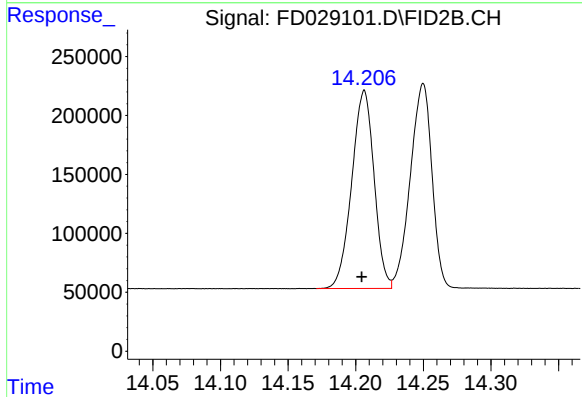
#12 Fluoranthene (C21.85)

R.T.: 12.041 min
Delta R.T.: 0.000 min
Response: 1917110
Conc: 19.08 ug/ml



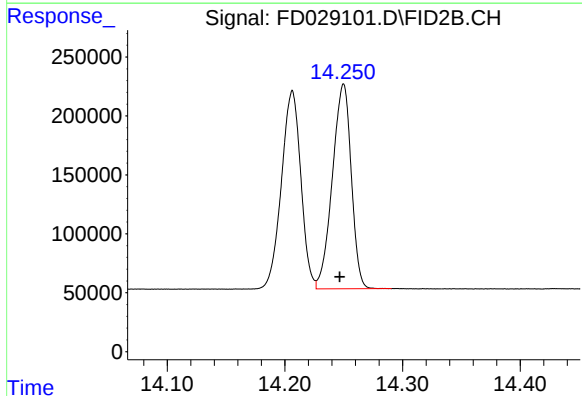
#13 Pyrene (C20.8)

R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 1932169
Conc: 19.04 ug/ml



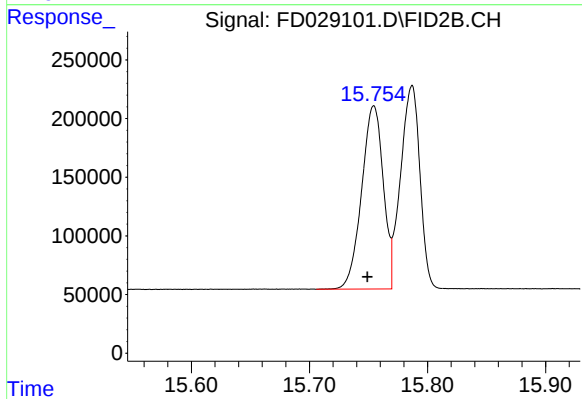
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.206 min
Delta R.T.: 0.002 min
Response: 1930114
Conc: 19.03 ug/ml



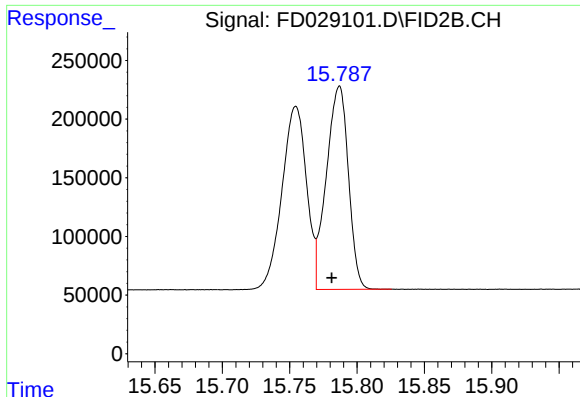
#15 Chrysene (C27.41)

R.T.: 14.250 min
Delta R.T.: 0.003 min
Response: 1936095
Conc: 18.99 ug/ml



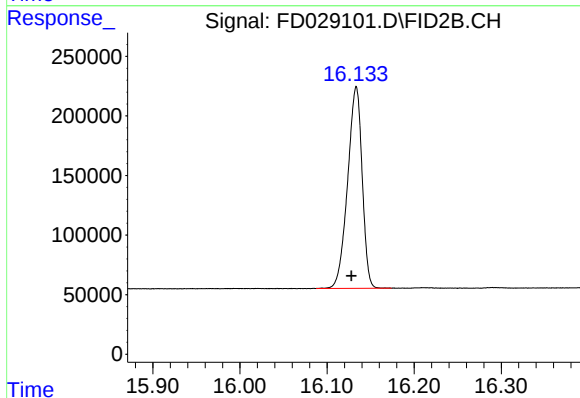
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.755 min
Delta R.T.: 0.005 min
Response: 1987756
Conc: 18.53 ug/ml



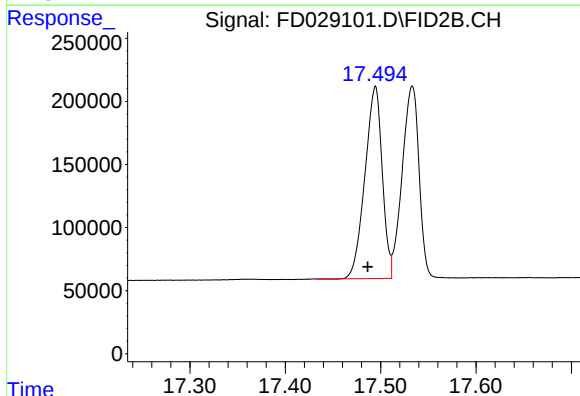
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.787 min
Delta R.T.: 0.006 min
Response: 1973657
Conc: 18.59 ug/ml



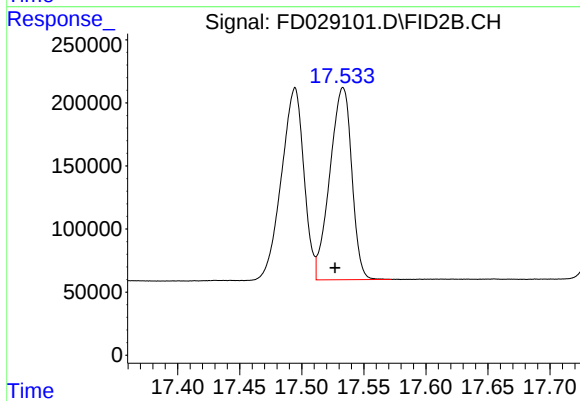
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 1959471
Conc: 18.34 ug/ml



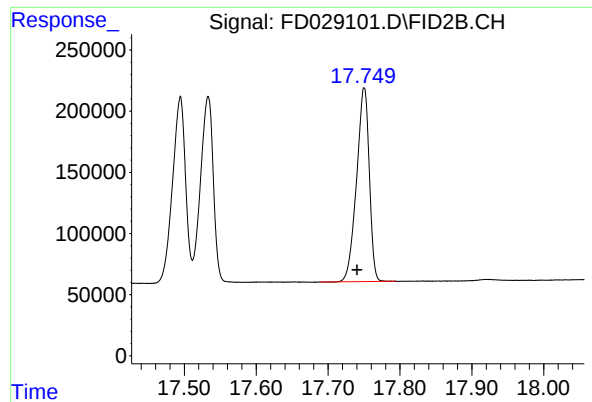
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.494 min
Delta R.T.: 0.008 min
Response: 1916626
Conc: 17.75 ug/ml



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

R.T.: 17.533 min
Delta R.T.: 0.006 min
Response: 1868164
Conc: 17.62 ug/ml



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

R.T.: 17.750 min
Delta R.T.: 0.010 min
Response: 1947109
Conc: 18.19 ug/ml