

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062818AR\
 Data File : FD024816.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2018 2:35
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 29 03:44:33 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...	7.479	1687452	18.447 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
6) S 2-Fluorobiphenyl (SURR)	8.334	1173408	18.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.00%
11) S ortho-Terphenyl (SURR)	11.383	1945319	19.384 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	1828840	19.678 ug/ml
2) T Naphthalene (C11.7)	5.812	1945021	19.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	1905236	18.739 ug/ml
5) T Acenaphthylene (C15.06)	8.138	1842491	18.453 ug/ml
7) T Acenaphthene (C15.5)	8.434	1925876	18.436 ug/ml
8) T Flouorene (C16.55)	9.215	1928357	18.456 ug/ml
9) T Phenanthrene (C19.36)	10.609	2011989	19.569 ug/ml
10) T Anthracene (C19.43)	10.683	1987320	19.493 ug/ml
12) T Fluoranthene (C21.85)	12.418	2173813	21.801 ug/ml
13) T Pyrene (C20.8)	12.715	2196359	22.088 ug/ml
14) T Benzo[a]anthracene (C...	14.587	2182944	23.252 ug/ml
15) T Chrysene (C27.41)	14.628	2194633	23.199 ug/ml
16) T benzo[b]fluoranthene ...	16.136	2223448	21.501 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	2248055	21.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	2201371	21.183 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	2138477	20.063 ug/mlm
20) T Dibenz[a,h]anthracene...	17.920	2159464	20.647 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.130	2159040	20.327 ug/ml

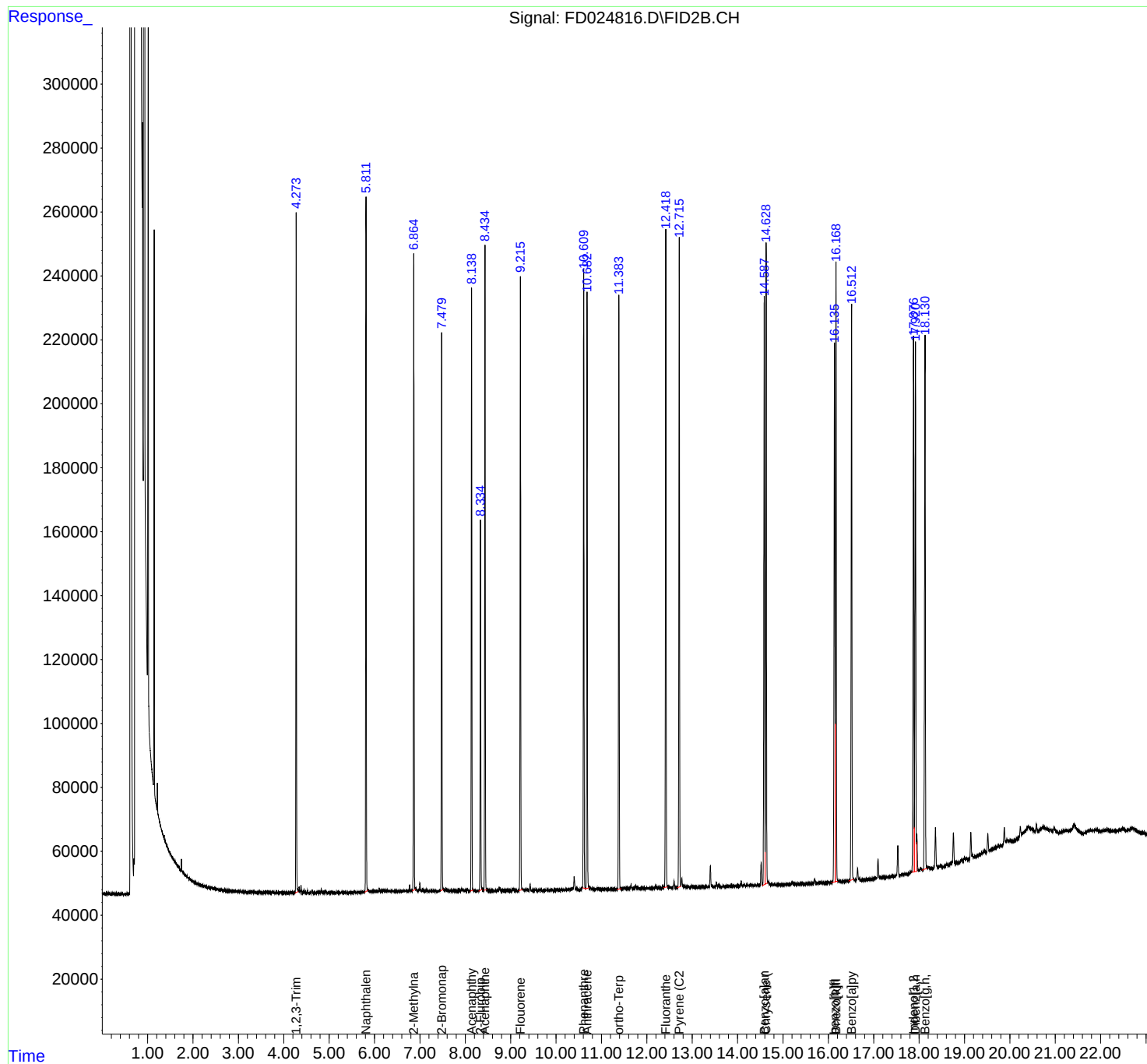
(f)=RT Delta > 1/2 Window

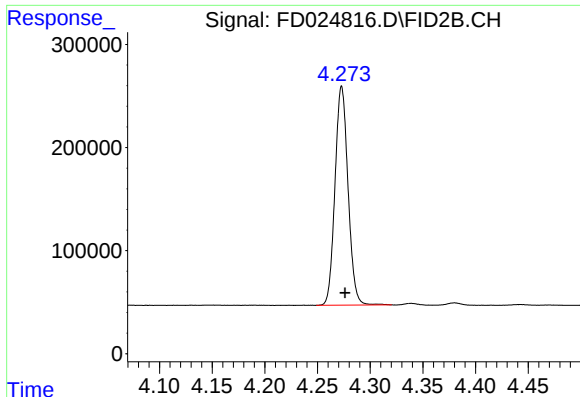
(m)=manual int.

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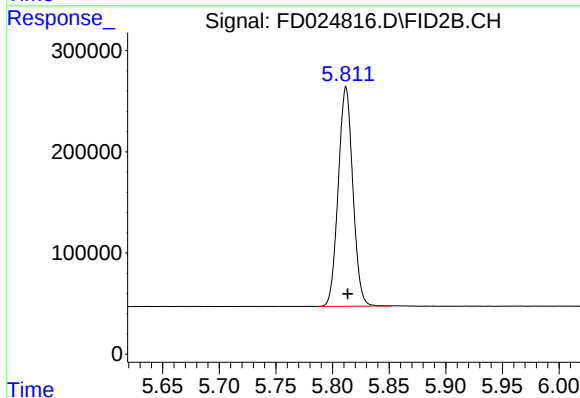
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





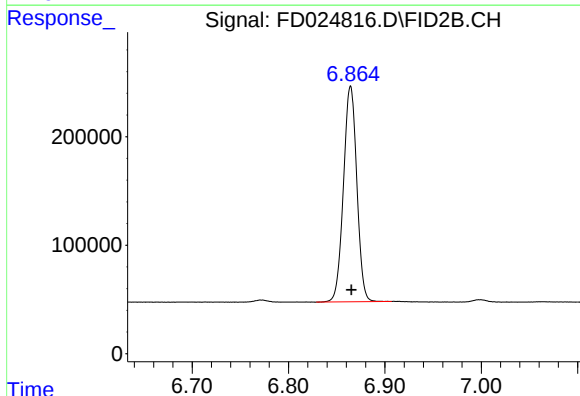
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 1828840
Conc: 19.68 ug/ml



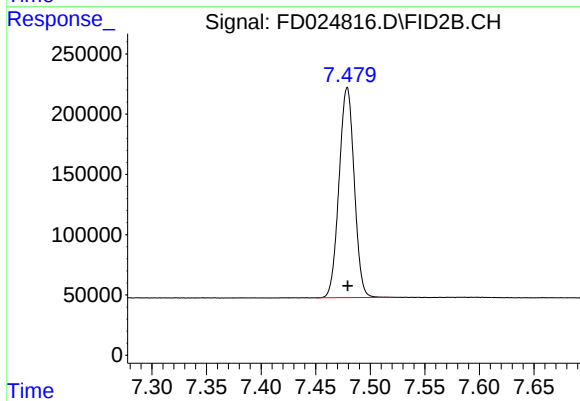
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 1945021
Conc: 19.17 ug/ml



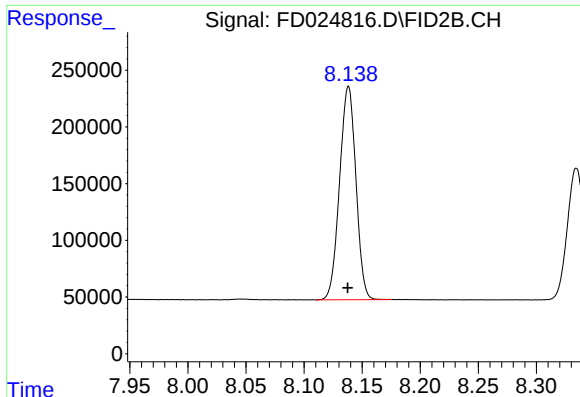
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 1905236
Conc: 18.74 ug/ml



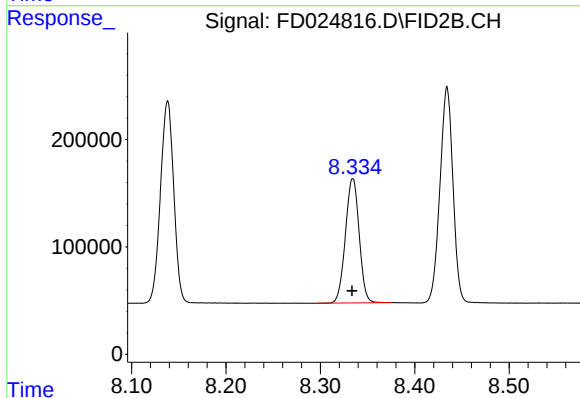
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 1687452
Conc: 18.45 ug/ml



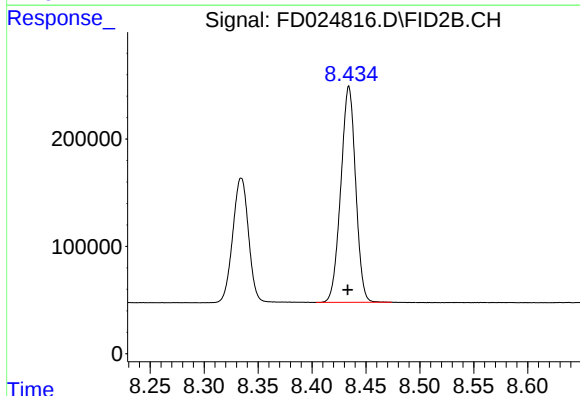
#5 Acenaphthylene (C15.06)

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 1842491
Conc: 18.45 ug/ml



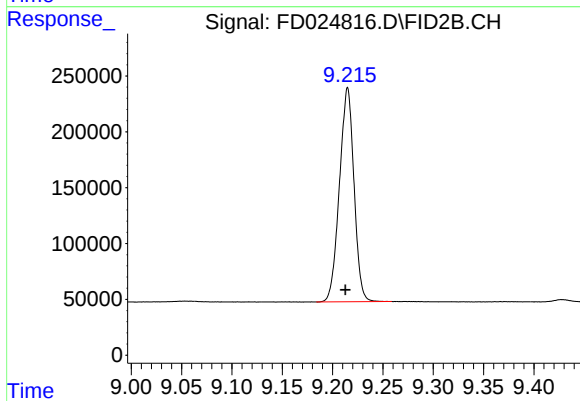
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 1173408
Conc: 18.50 ug/ml



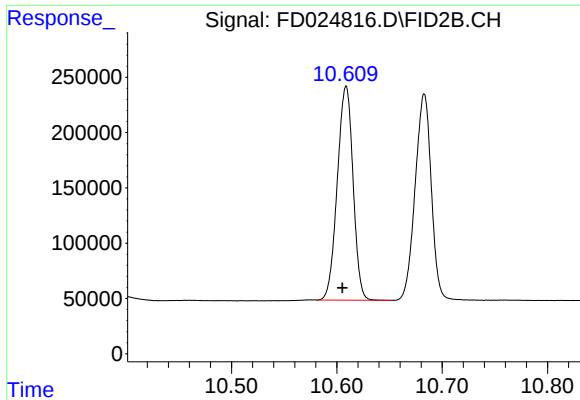
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: 0.001 min
Response: 1925876
Conc: 18.44 ug/ml



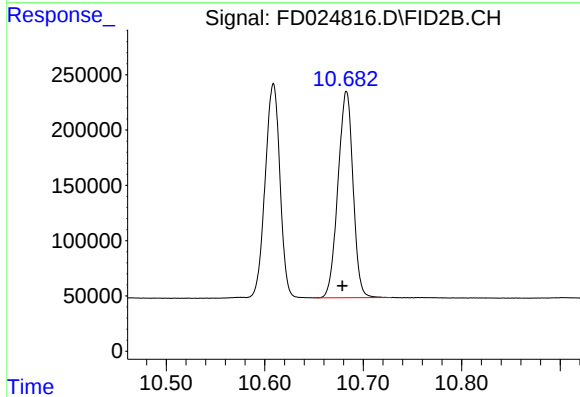
#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.002 min
Response: 1928357
Conc: 18.46 ug/ml



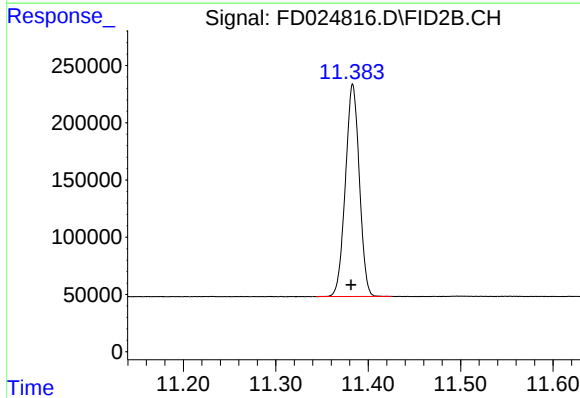
#9 Phenanthrene (C19.36)

R.T.: 10.609 min
Delta R.T.: 0.004 min
Response: 2011989
Conc: 19.57 ug/ml



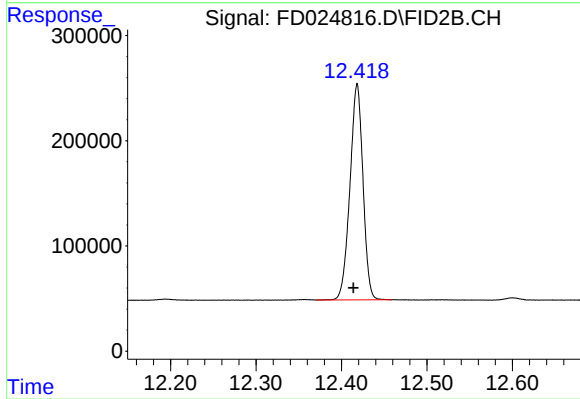
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.004 min
Response: 1987320
Conc: 19.49 ug/ml



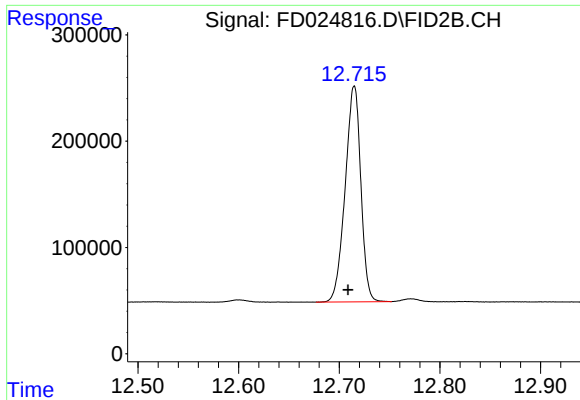
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: 0.002 min
Response: 1945319
Conc: 19.38 ug/ml



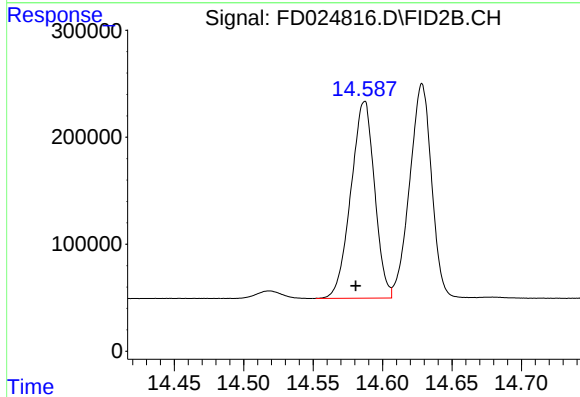
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: 0.004 min
Response: 2173813
Conc: 21.80 ug/ml



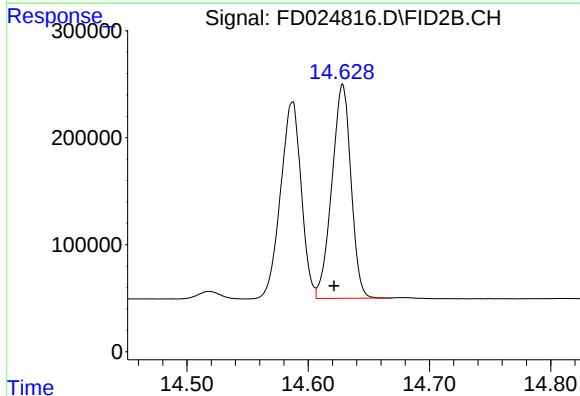
#13 Pyrene (C20.8)

R.T.: 12.715 min
Delta R.T.: 0.006 min
Response: 2196359
Conc: 22.09 ug/ml



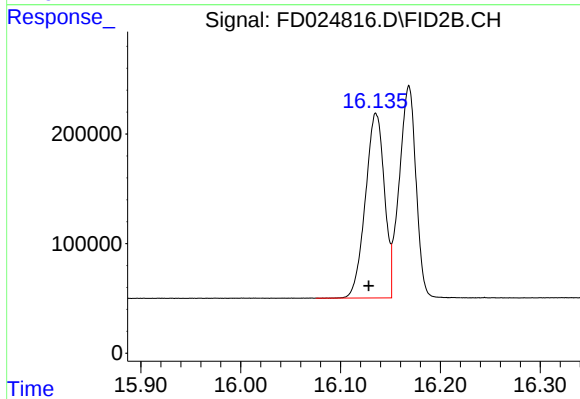
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.006 min
Response: 2182944
Conc: 23.25 ug/ml



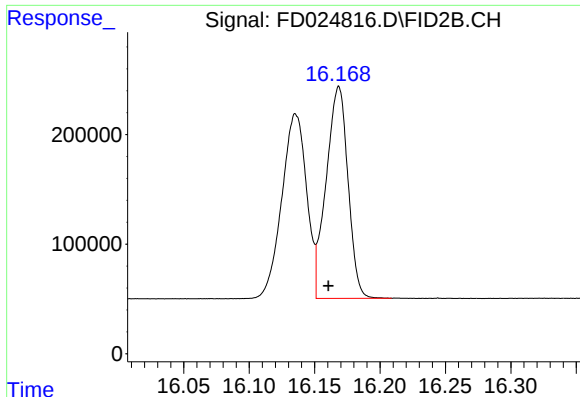
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.007 min
Response: 2194633
Conc: 23.20 ug/ml



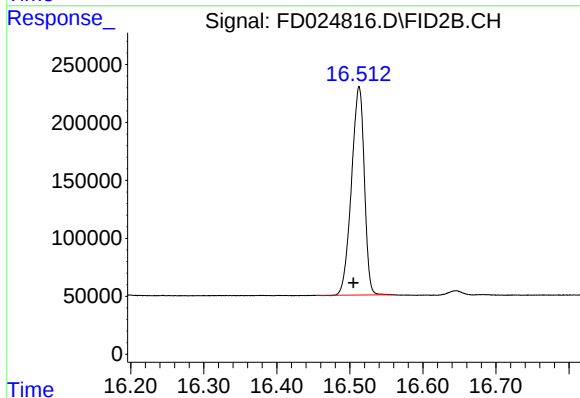
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.136 min
Delta R.T.: 0.007 min
Response: 2223448
Conc: 21.50 ug/ml



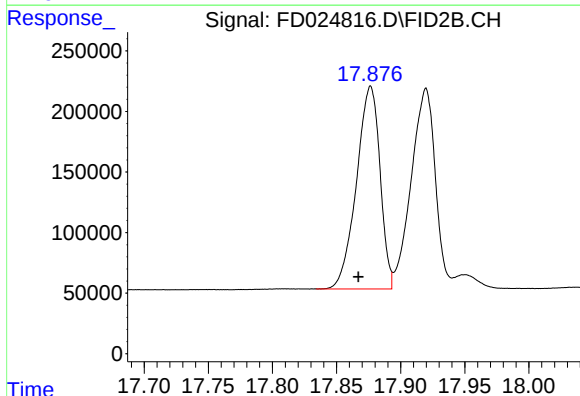
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min
Delta R.T.: 0.008 min
Response: 2248055
Conc: 21.30 ug/ml



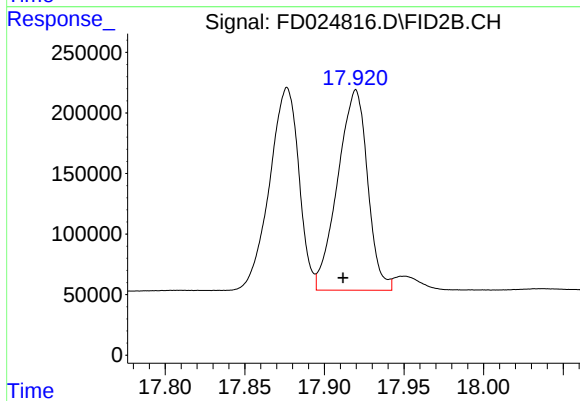
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.008 min
Response: 2201371
Conc: 21.18 ug/ml



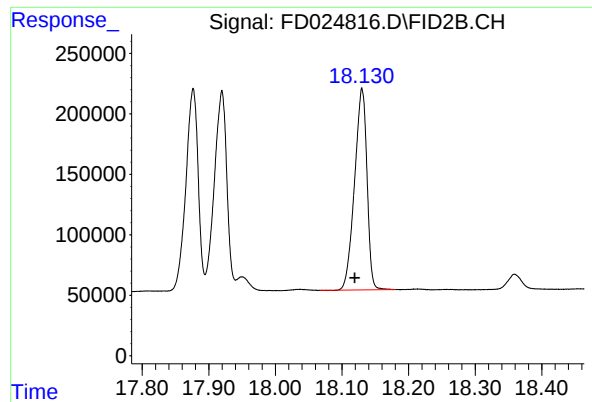
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: 0.009 min
Response: 2138477
Conc: 20.06 ug/ml m



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

R.T.: 17.920 min
Delta R.T.: 0.008 min
Response: 2159464
Conc: 20.65 ug/ml m



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

R.T.: 18.130 min
Delta R.T.: 0.011 min
Response: 2159040
Conc: 20.33 ug/ml