

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051719AR\
 Data File : FD029208.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2019 6:12
 Operator : EI\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 06:43:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 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...	7.748	1901498	24.023 ug/ml
Spiked Amount 50.000		Recovery =	48.05%
6) S 2-Fluorobiphenyl (SURR)	8.613	1288637	23.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.72%
11) S ortho-Terphenyl (SURR)	11.648	1938713	23.509 ug/ml
Spiked Amount 50.000		Recovery =	47.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	2163674	24.304 ug/ml
2) T Naphthalene (C11.7)	6.088	2247536	24.045 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	2156819	23.939 ug/ml
5) T Acenaphthylene (C15.06)	8.417	2034307	23.658 ug/ml
7) T Acenaphthene (C15.5)	8.712	2134181	23.882 ug/ml
8) T Fluorene (C16.55)	9.491	2057614	23.504 ug/ml
9) T Phenanthrene (C19.36)	10.887	2065485	23.060 ug/ml
10) T Anthracene (C19.43)	10.961	1959883	22.025 ug/ml
12) T Fluoranthene (C21.85)	12.696	2189351	22.808 ug/ml
13) T Pyrene (C20.8)	12.994	2229798	22.664 ug/ml
14) T Benzo[a]anthracene (C...	14.861	2201257	22.304 ug/ml
15) T Chrysene (C27.41)	14.904	2239207	22.363 ug/ml
16) T benzo[b]fluoranthene ...	16.408	2335354	22.655 ug/ml
17) T Bnezo[k]fluoranthene ...	16.440	2282417	22.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.786	2262202	22.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.147	2184980	22.486 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	2044331	22.728 ug/ml
21) T Benzo[g,h,i]perylene ...	18.401	2271825	22.464 ug/ml

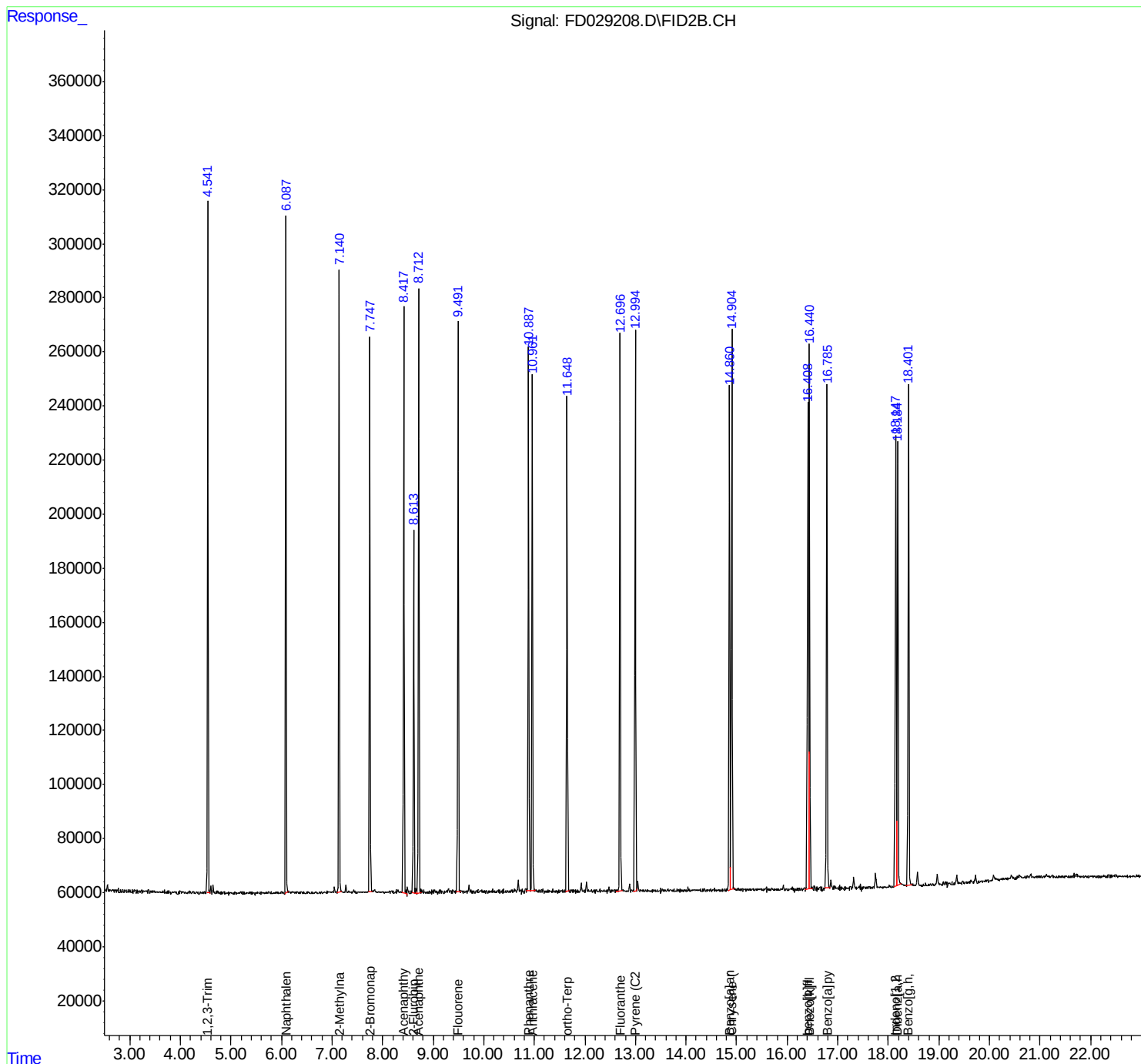
(f)=RT Delta > 1/2 Window

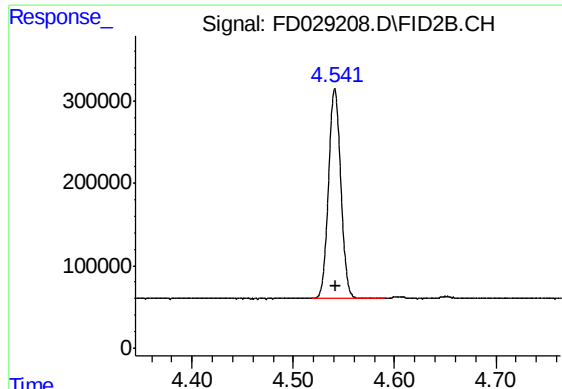
(m)=manual int.

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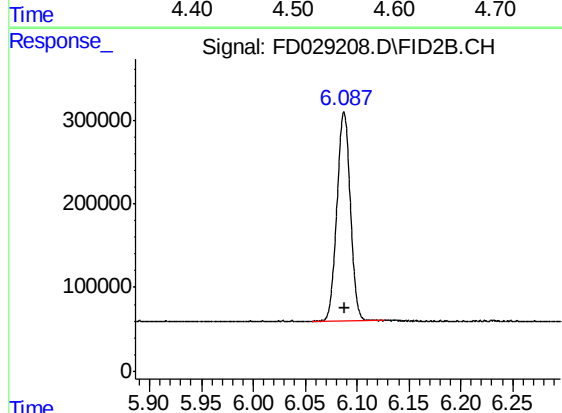
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Signal Info : 20M x 0.18mm x 0.18µm





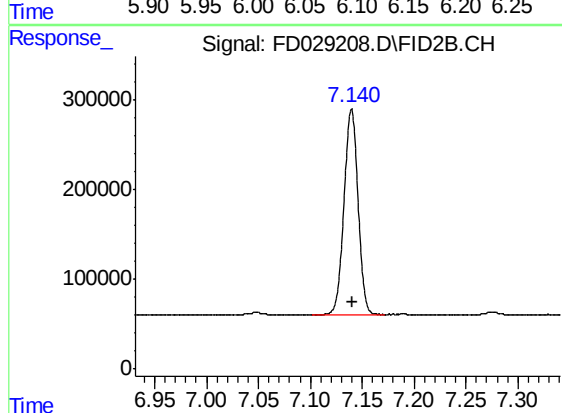
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2163674
Conc: 24.30 ug/ml



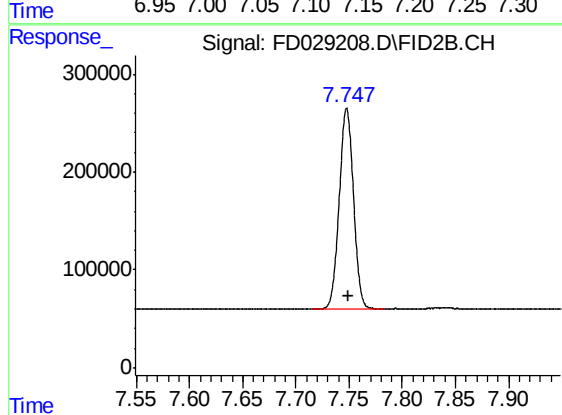
#2 Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 2247536
Conc: 24.05 ug/ml



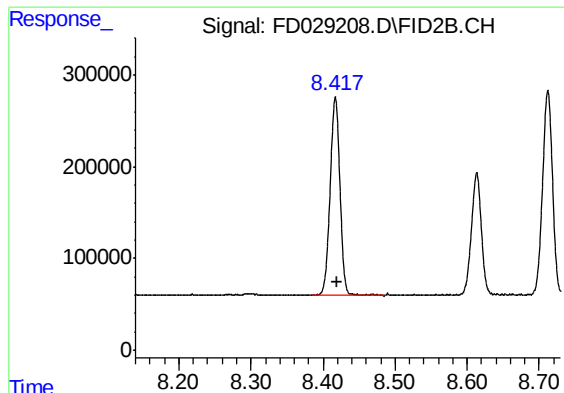
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 2156819
Conc: 23.94 ug/ml



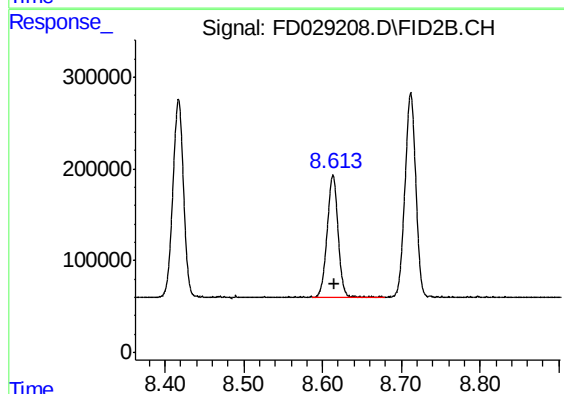
#4 2-Bromonaphthalene (SURR)

R.T.: 7.748 min
Delta R.T.: -0.001 min
Response: 1901498
Conc: 24.02 ug/ml



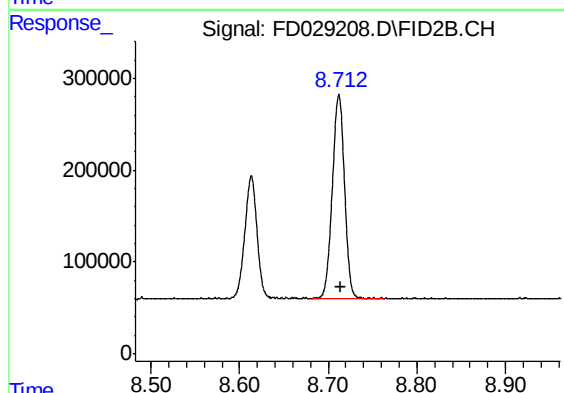
#5 Acenaphthylene (C15.06)

R.T.: 8.417 min
Delta R.T.: -0.002 min
Response: 2034307
Conc: 23.66 ug/ml



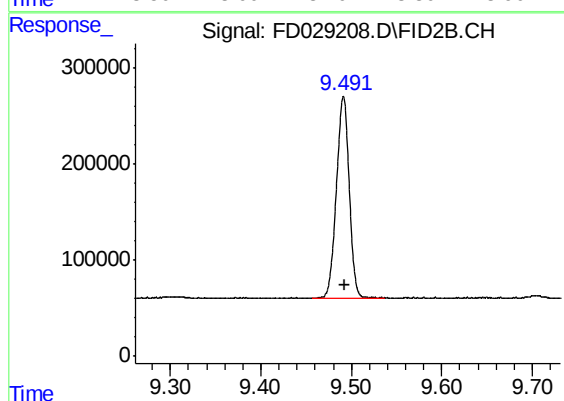
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.613 min
Delta R.T.: -0.002 min
Response: 1288637
Conc: 23.86 ug/ml



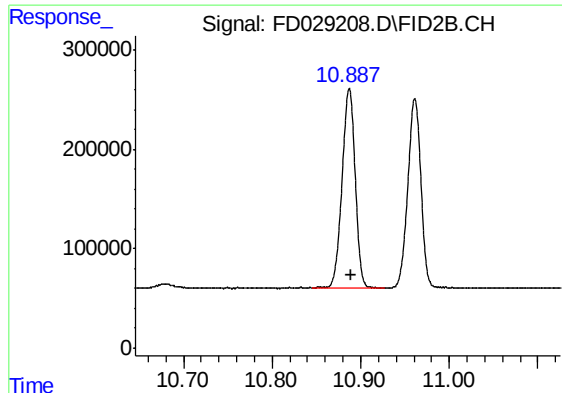
#7 Acenaphthene (C15.5)

R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 2134181
Conc: 23.88 ug/ml



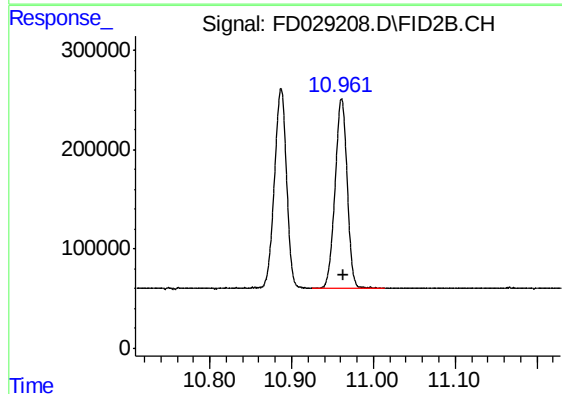
#8 Fluorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.002 min
Response: 2057614
Conc: 23.50 ug/ml



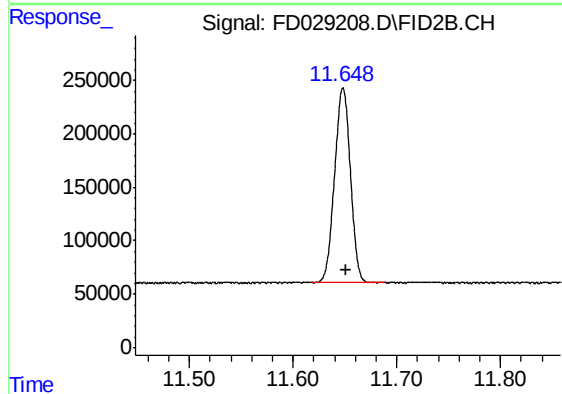
#9 Phenanthrene (C19.36)

R.T.: 10.887 min
Delta R.T.: -0.002 min
Response: 2065485
Conc: 23.06 ug/ml



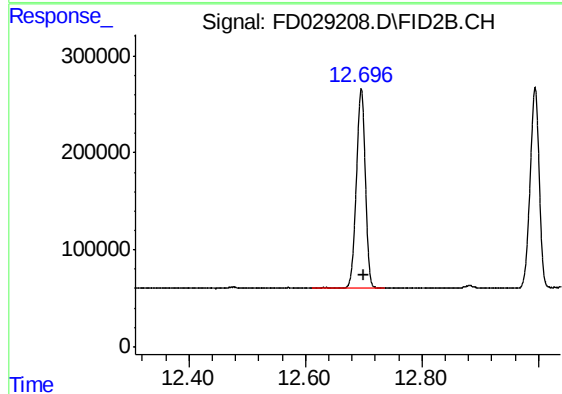
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: -0.002 min
Response: 1959883
Conc: 22.03 ug/ml



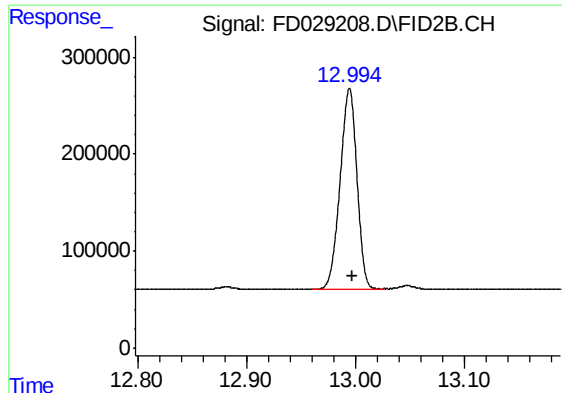
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 1938713
Conc: 23.51 ug/ml



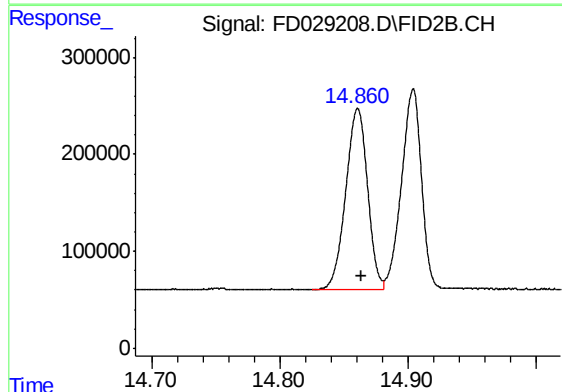
#12 Fluoranthene (C21.85)

R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 2189351
Conc: 22.81 ug/ml



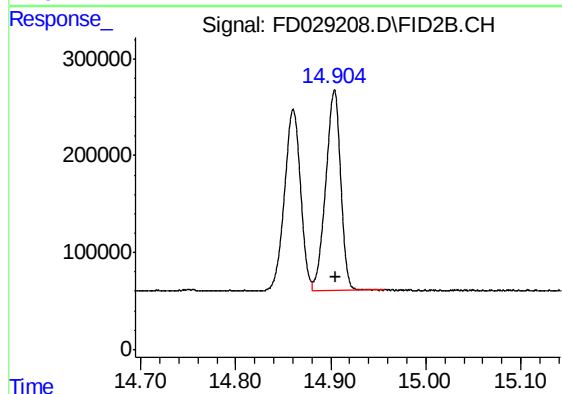
#13 Pyrene (C20.8)

R.T.: 12.994 min
Delta R.T.: -0.003 min
Response: 2229798
Conc: 22.66 ug/ml



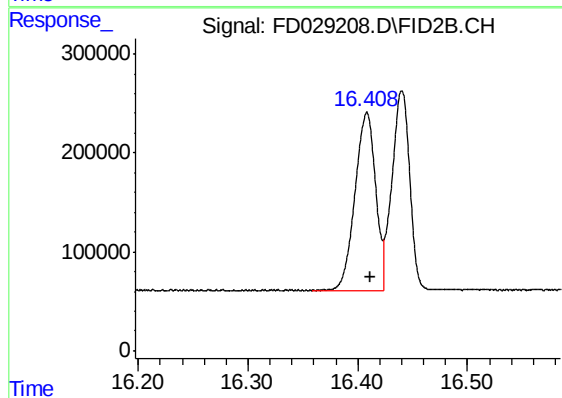
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: -0.003 min
Response: 2201257
Conc: 22.30 ug/ml



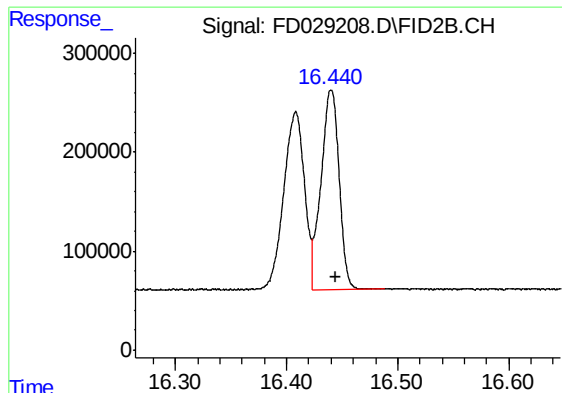
#15 Chrysene (C27.41)

R.T.: 14.904 min
Delta R.T.: -0.002 min
Response: 2239207
Conc: 22.36 ug/ml



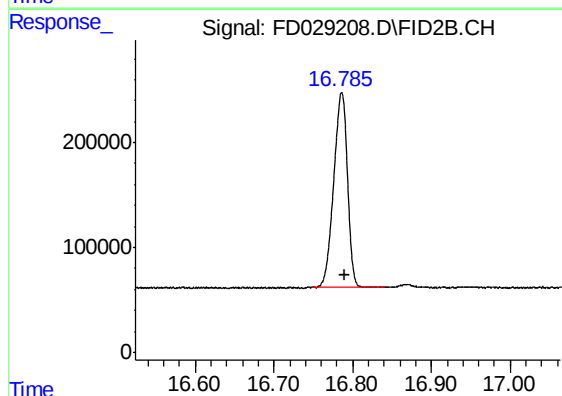
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.408 min
Delta R.T.: -0.003 min
Response: 2335354
Conc: 22.66 ug/ml



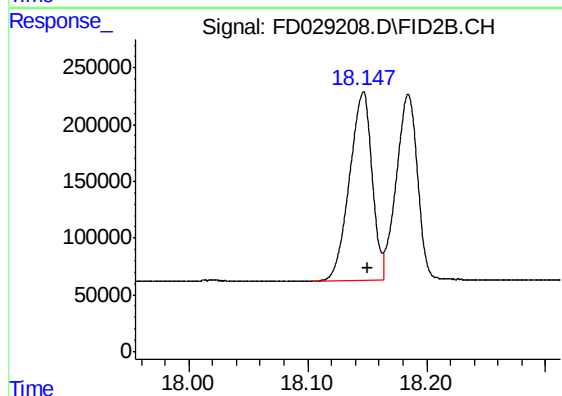
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.440 min
Delta R.T.: -0.004 min
Response: 2282417
Conc: 22.52 ug/ml



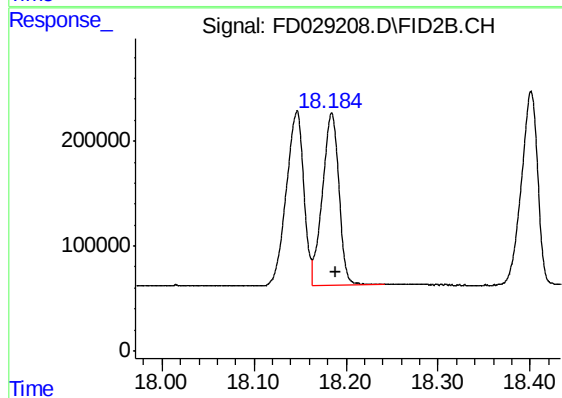
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.786 min
Delta R.T.: -0.004 min
Response: 2262202
Conc: 22.32 ug/ml



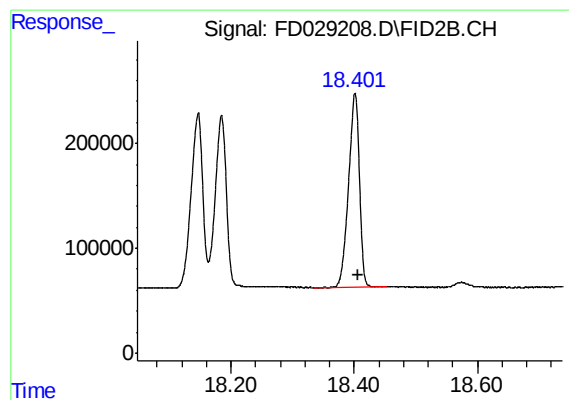
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.147 min
Delta R.T.: -0.004 min
Response: 2184980
Conc: 22.49 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.005 min
Response: 2044331
Conc: 22.73 ug/ml



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

R.T.: 18.401 min
Delta R.T.: -0.005 min
Response: 2271825
Conc: 22.46 ug/ml