

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102418AR\
 Data File : FD026088.D
 Signal(s) : FID2B.CH
 Acq On : 25 Oct 2018 4:33
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 05:21:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.414	1334120	18.046 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
6) S 2-Fluorobiphenyl (SURR)	8.265	928224	18.082 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.16%
11) S ortho-Terphenyl (SURR)	11.310	1457581	18.451 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.216	1558391	19.480 ug/ml
2) T Naphthalene (C11.7)	5.749	1611357	18.750 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	1539474	18.322 ug/ml
5) T Acenaphthylene (C15.06)	8.069	1477952	18.195 ug/ml
7) T Acenaphthene (C15.5)	8.364	1540036	18.177 ug/ml
8) T Fluorene (C16.55)	9.143	1512167	17.935 ug/ml
9) T Phenanthrene (C19.36)	10.533	1545305	18.327 ug/ml
10) T Anthracene (C19.43)	10.607	1510301	18.364 ug/ml
12) T Fluoranthene (C21.85)	12.338	1656630	19.467 ug/ml
13) T Pyrene (C20.8)	12.633	1695050	19.776 ug/ml
14) T Benzo[a]anthracene (C...	14.502	1769589	21.271 ug/ml
15) T Chrysene (C27.41)	14.543	1796532	21.385 ug/ml
16) T benzo[b]fluoranthene ...	16.049	1961652	21.922 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	1960159	21.990 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	1976263	21.917 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.785	1971737	21.039 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	1912093	21.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.039	2025112	21.041 ug/ml

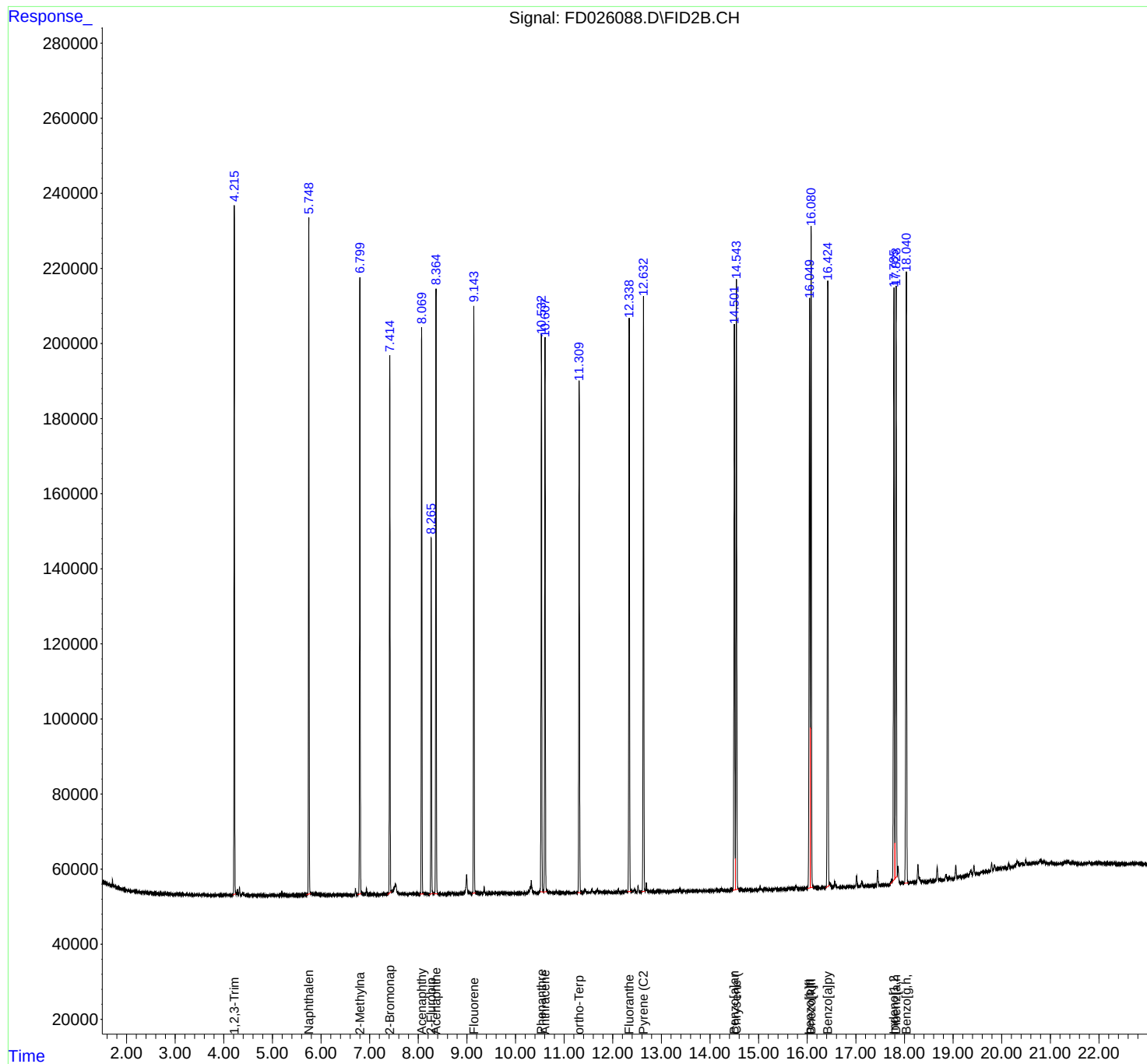
(f)=RT Delta > 1/2 Window

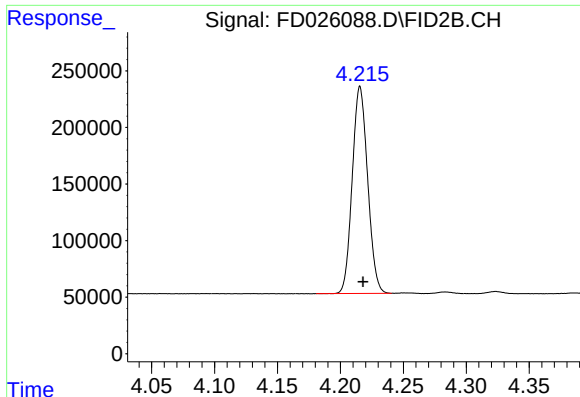
(m)=manual int.

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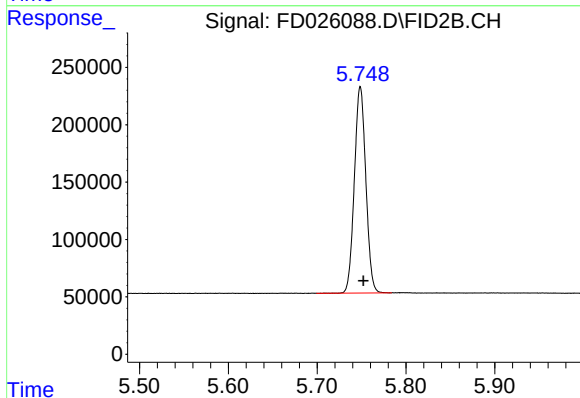
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





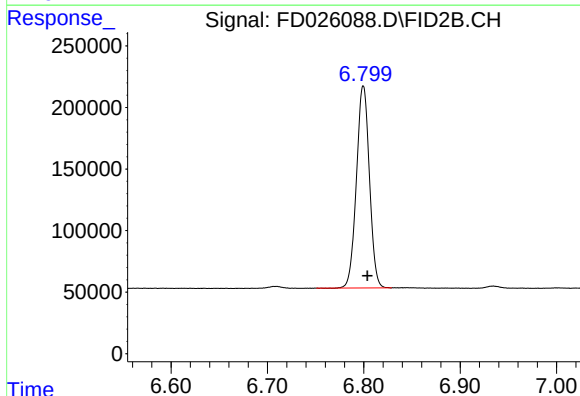
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 1558391
Conc: 19.48 ug/ml



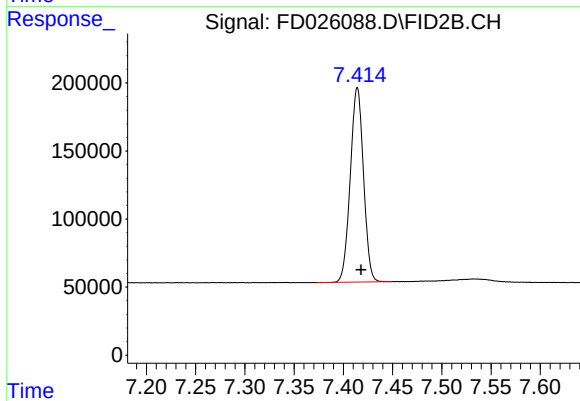
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 1611357
Conc: 18.75 ug/ml



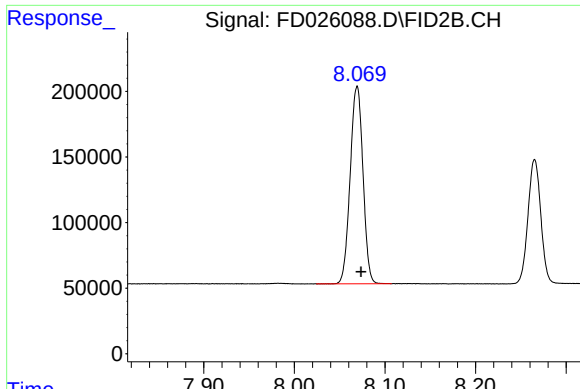
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.004 min
Response: 1539474
Conc: 18.32 ug/ml



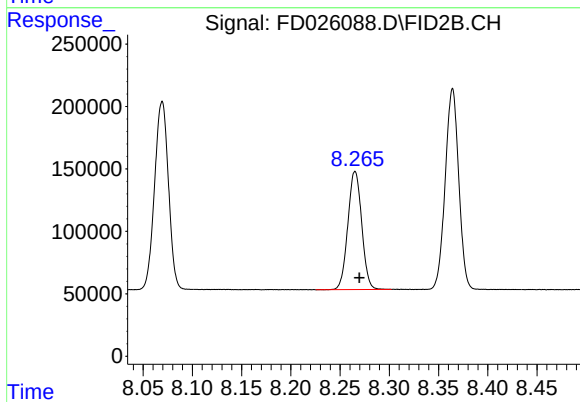
#4 2-Bromonaphthalene (SURR)

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 1334120
Conc: 18.05 ug/ml



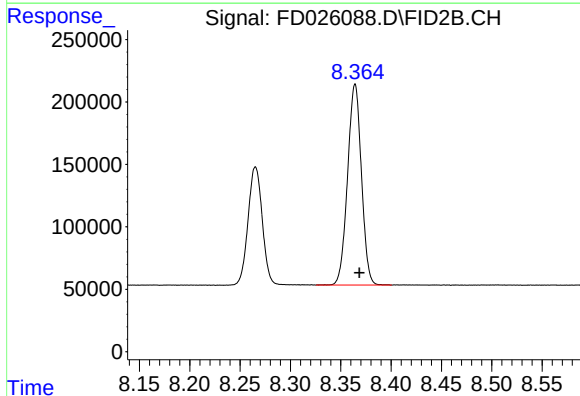
#5 Acenaphthylene (C15.06)

R.T.: 8.069 min
Delta R.T.: -0.004 min
Response: 1477952
Conc: 18.19 ug/ml



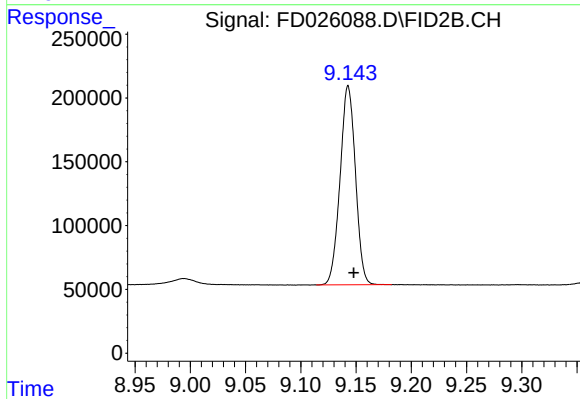
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.265 min
Delta R.T.: -0.004 min
Response: 928224
Conc: 18.08 ug/ml



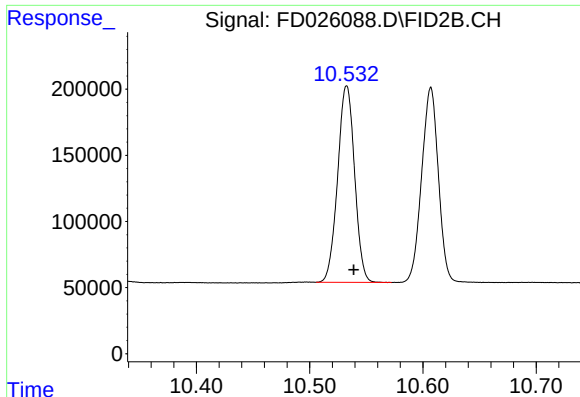
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.004 min
Response: 1540036
Conc: 18.18 ug/ml



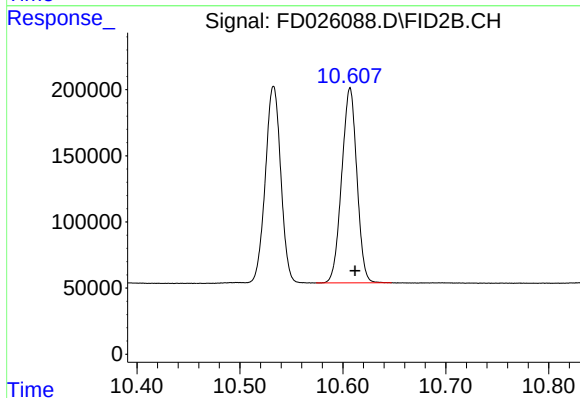
#8 Fluorene (C16.55)

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 1512167
Conc: 17.93 ug/ml



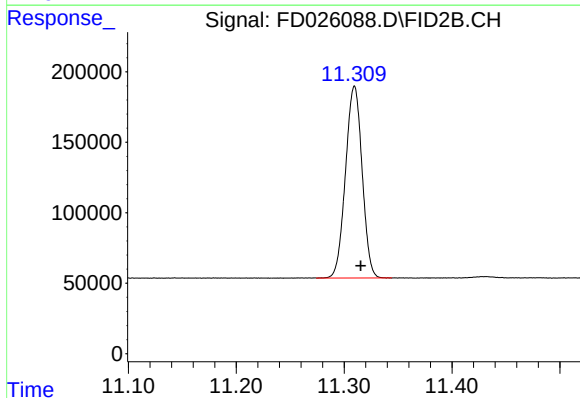
#9 Phenanthrene (C19.36)

R.T.: 10.533 min
Delta R.T.: -0.006 min
Response: 1545305
Conc: 18.33 ug/ml



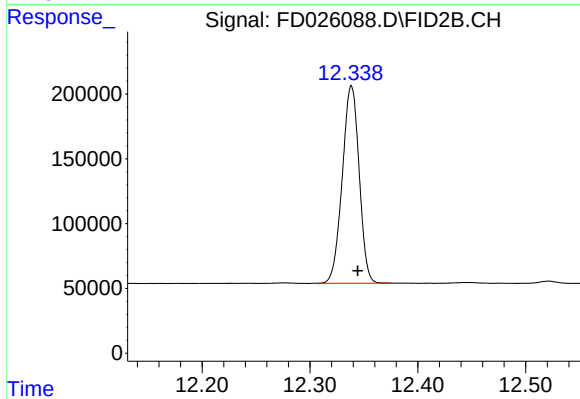
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.005 min
Response: 1510301
Conc: 18.36 ug/ml



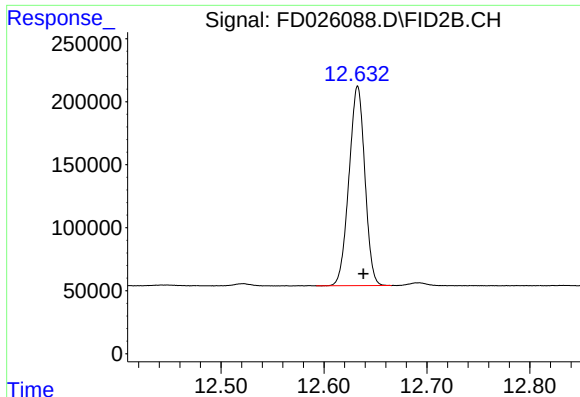
#11 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: -0.006 min
Response: 1457581
Conc: 18.45 ug/ml



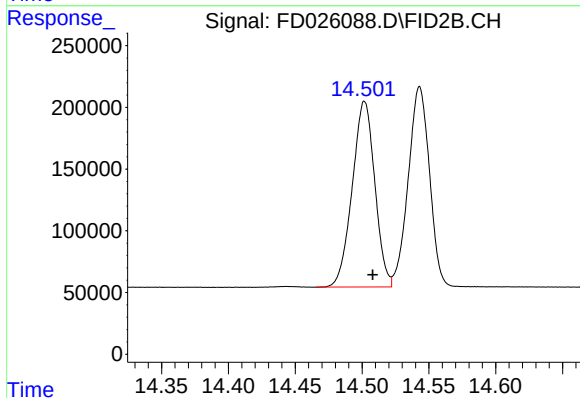
#12 Fluoranthene (C21.85)

R.T.: 12.338 min
Delta R.T.: -0.006 min
Response: 1656630
Conc: 19.47 ug/ml



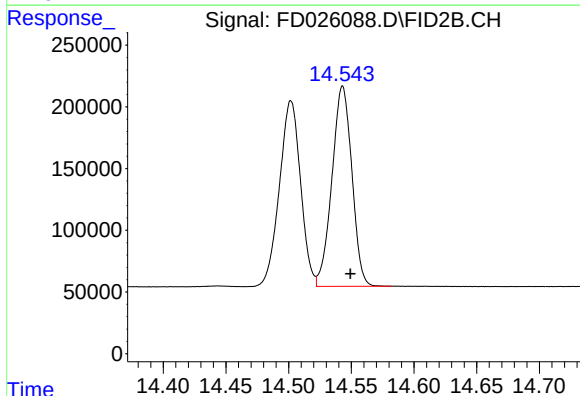
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.006 min
Response: 1695050
Conc: 19.78 ug/ml



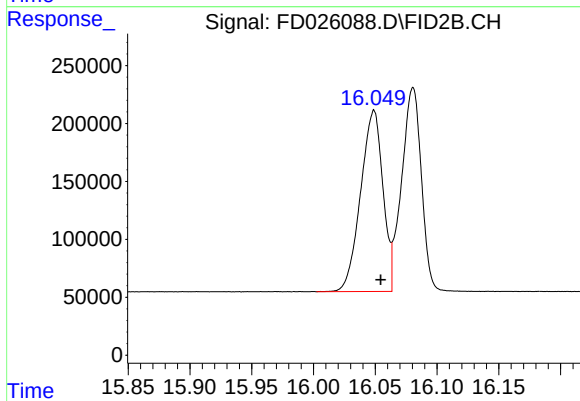
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.006 min
Response: 1769589
Conc: 21.27 ug/ml



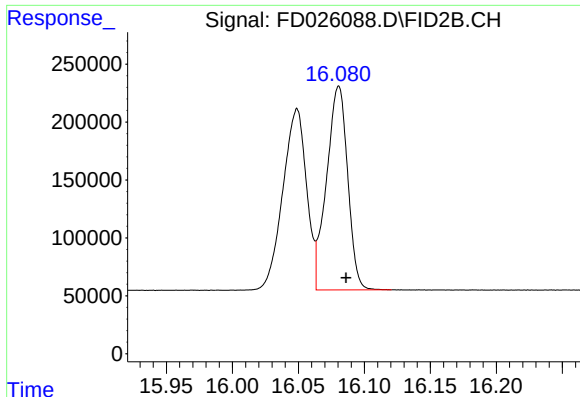
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.006 min
Response: 1796532
Conc: 21.38 ug/ml



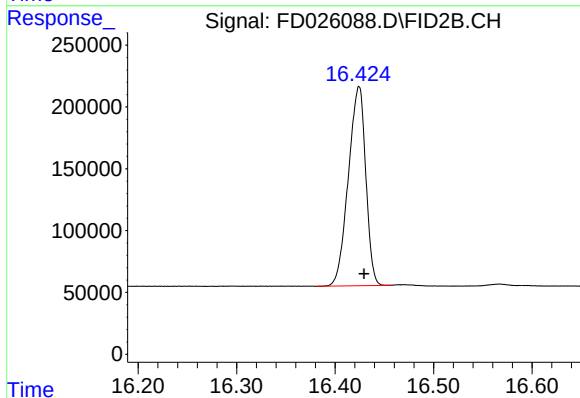
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.049 min
Delta R.T.: -0.006 min
Response: 1961652
Conc: 21.92 ug/ml



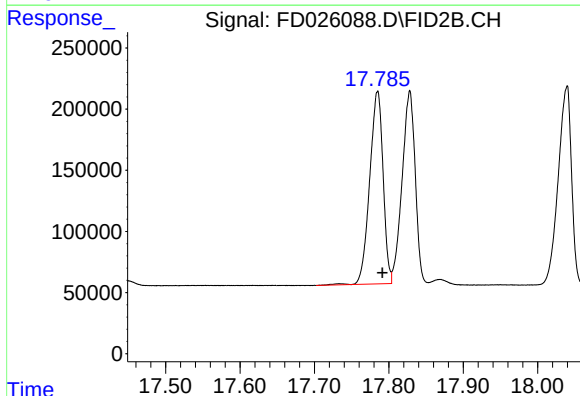
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.081 min
Delta R.T.: -0.006 min
Response: 1960159
Conc: 21.99 ug/ml



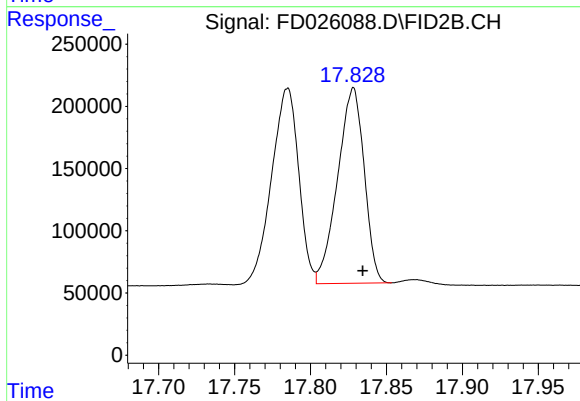
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.005 min
Response: 1976263
Conc: 21.92 ug/ml



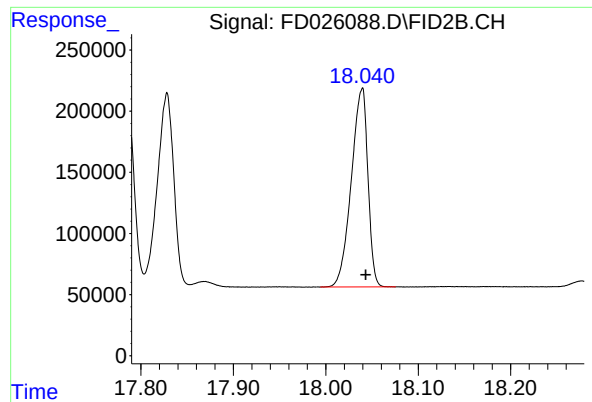
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.785 min
Delta R.T.: -0.007 min
Response: 1971737
Conc: 21.04 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.006 min
Response: 1912093
Conc: 21.10 ug/ml



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

R.T.: 18.039 min
Delta R.T.: -0.004 min
Response: 2025112
Conc: 21.04 ug/ml