

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100319AR\
 Data File : FD030878.D
 Signal(s) : FID2B.CH
 Acq On : 03 Oct 2019 12:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 02:16:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.567	3660177	21.495 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
6) S 2-Fluorobiphenyl (SURR)	8.429	2383154	20.663 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.33%
11) S ortho-Terphenyl (SURR)	11.459	3748726	20.075 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	4157386	22.575 ug/ml
2) T Naphthalene (C11.7)	5.909	4216751	21.929 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	4119741	21.628 ug/ml
5) T Acenaphthylene (C15.06)	8.232	3810591	20.689 ug/ml
7) T Acenaphthene (C15.5)	8.526	4027196	20.864 ug/ml
8) T Fluorene (C16.55)	9.306	3865297	20.450 ug/ml
9) T Phenanthrene (C19.36)	10.698	3708205	19.720 ug/ml
10) T Anthracene (C19.43)	10.773	3366876	18.423 ug/ml
12) T Fluoranthene (C21.85)	12.506	3542297	18.946 ug/ml
13) T Pyrene (C20.8)	12.802	3418399	18.589 ug/ml
14) T Benzo[a]anthracene (C...	14.669	3241257	18.733 ug/ml
15) T Chrysene (C27.41)	14.712	3361526	18.940 ug/ml
16) T benzo[b]fluoranthene ...	16.217	3369369	20.004 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	3374690	19.804 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.595	3297544	20.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	3335391	21.289 ug/ml
20) T Dibenz[a,h]anthracene...	17.995	3355589	21.445 ug/ml
21) T Benzo[g,h,i]perylene ...	18.214	3353956	21.779 ug/ml

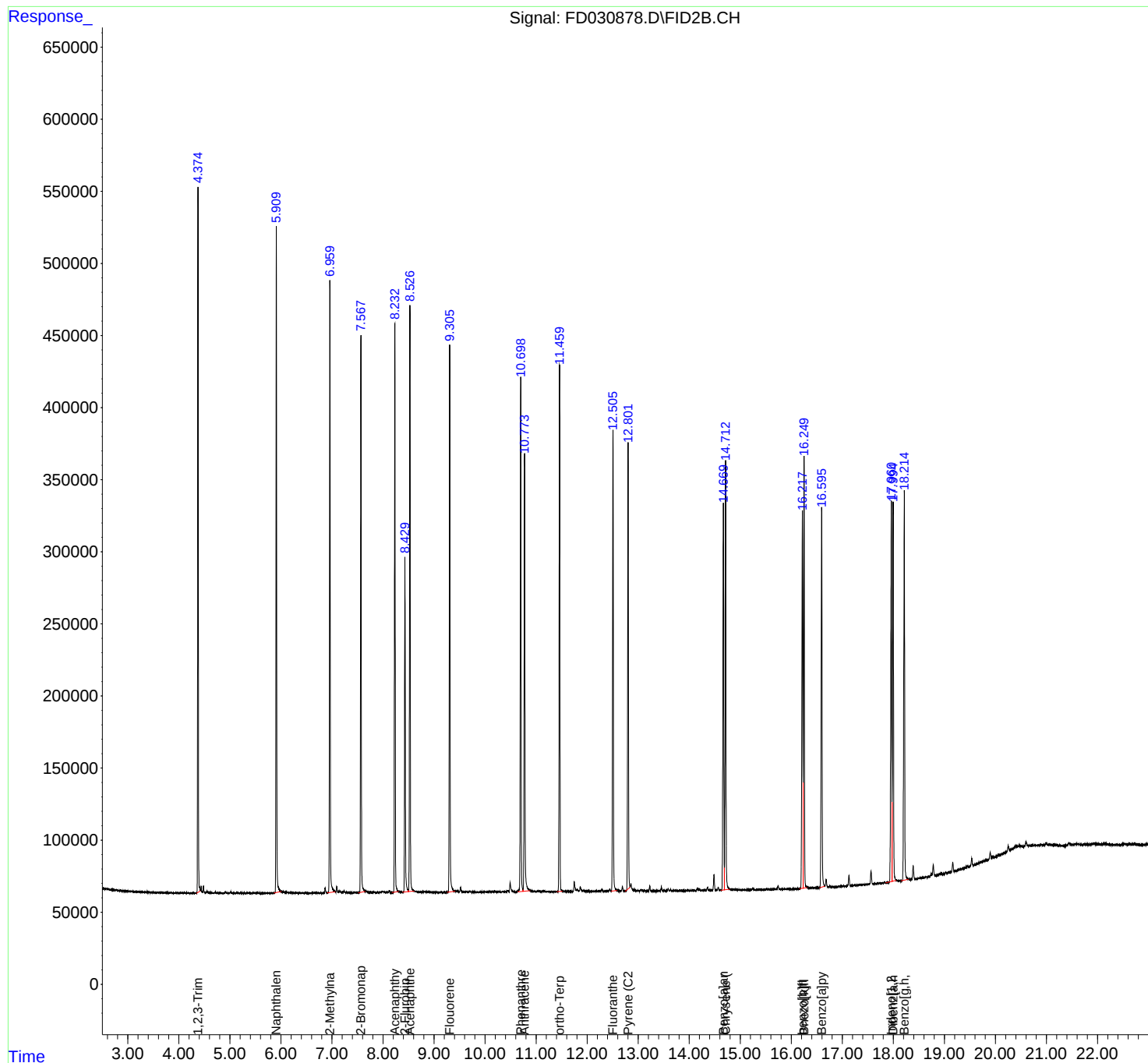
(f)=RT Delta > 1/2 Window

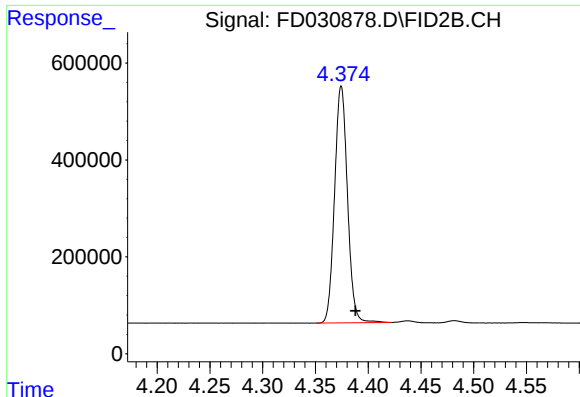
(m)=manual int.

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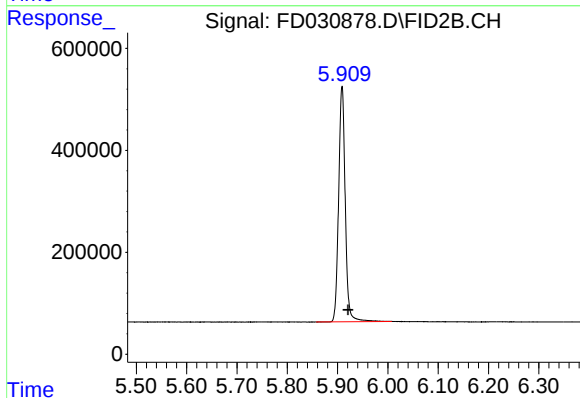
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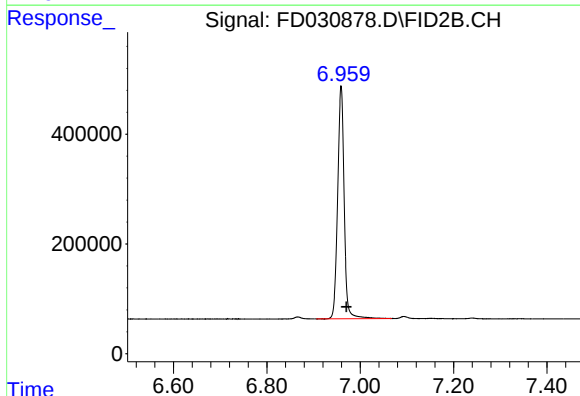
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.013 min
Response: 4157386
Conc: 22.57 ug/ml



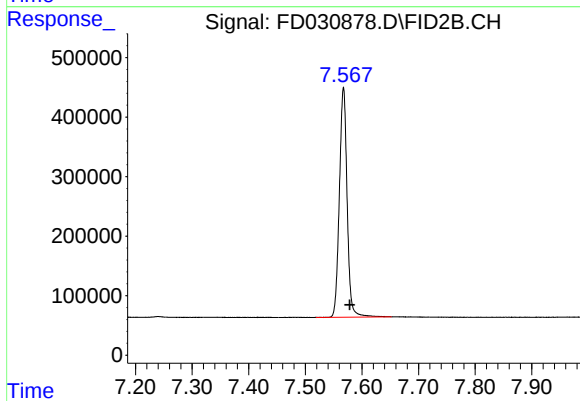
#2 Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.012 min
Response: 4216751
Conc: 21.93 ug/ml



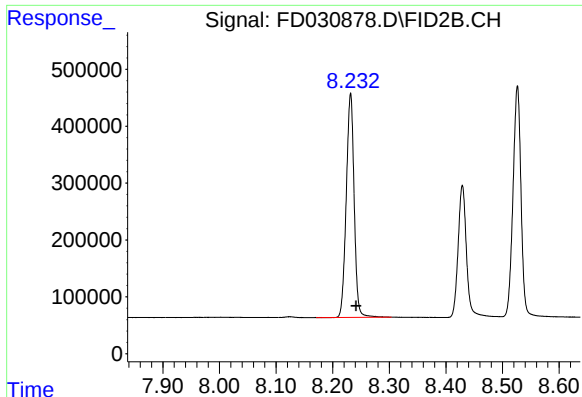
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.011 min
Response: 4119741
Conc: 21.63 ug/ml



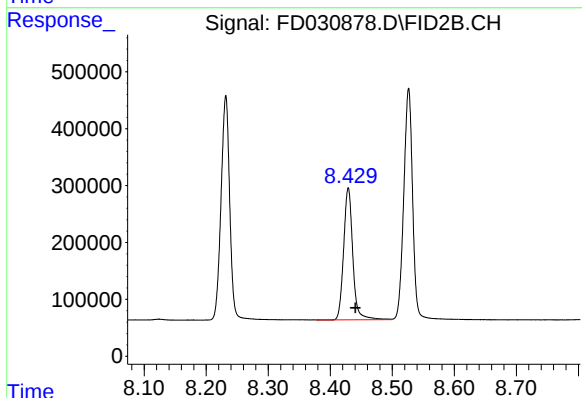
#4 2-Bromonaphthalene (SURR)

R.T.: 7.567 min
Delta R.T.: -0.011 min
Response: 3660177
Conc: 21.50 ug/ml



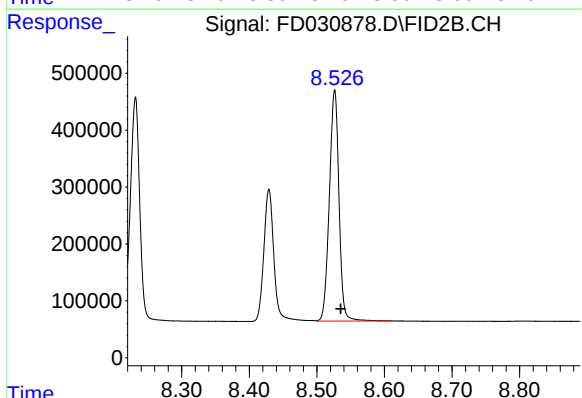
#5 Acenaphthylene (C15.06)

R.T.: 8.232 min
Delta R.T.: -0.009 min
Response: 3810591
Conc: 20.69 ug/ml



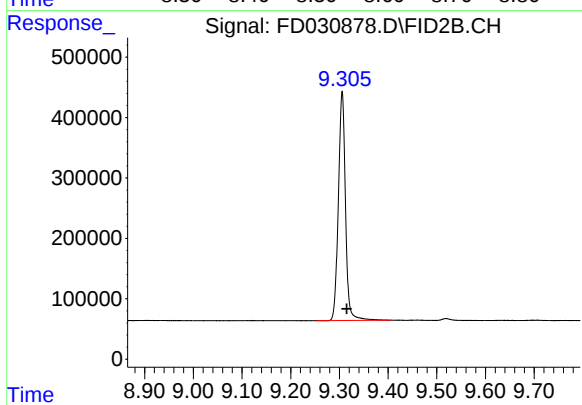
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.011 min
Response: 2383154
Conc: 20.66 ug/ml



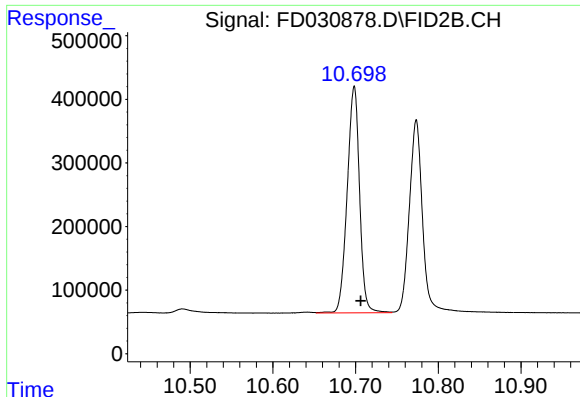
#7 Acenaphthene (C15.5)

R.T.: 8.526 min
Delta R.T.: -0.009 min
Response: 4027196
Conc: 20.86 ug/ml



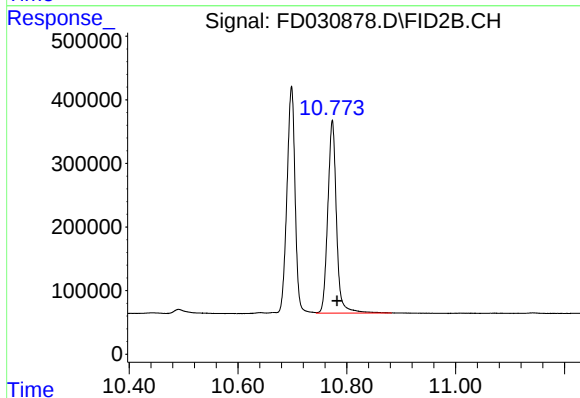
#8 Fluorene (C16.55)

R.T.: 9.306 min
Delta R.T.: -0.009 min
Response: 3865297
Conc: 20.45 ug/ml



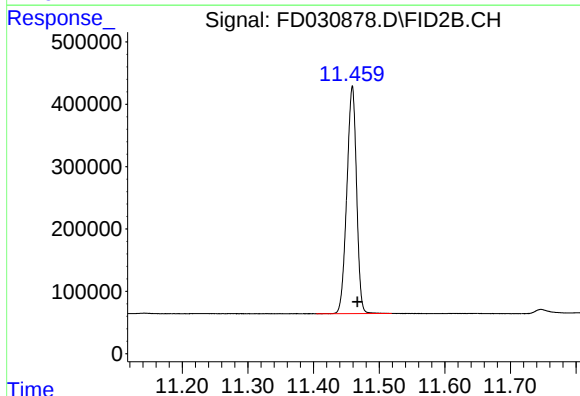
#9 Phenanthrene (C19.36)

R.T.: 10.698 min
Delta R.T.: -0.008 min
Response: 3708205
Conc: 19.72 ug/ml



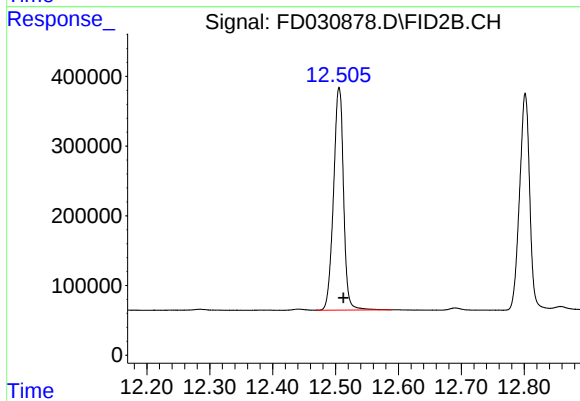
#10 Anthracene (C19.43)

R.T.: 10.773 min
Delta R.T.: -0.009 min
Response: 3366876
Conc: 18.42 ug/ml



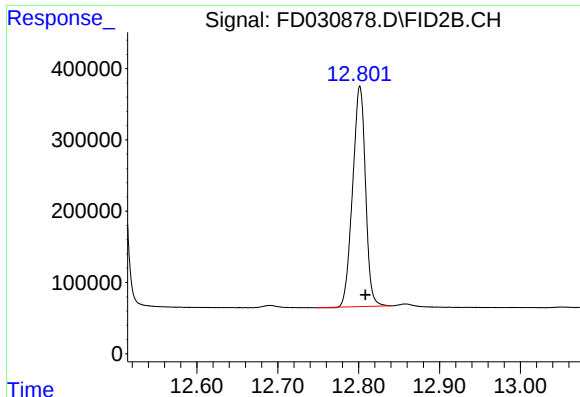
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.008 min
Response: 3748726
Conc: 20.07 ug/ml



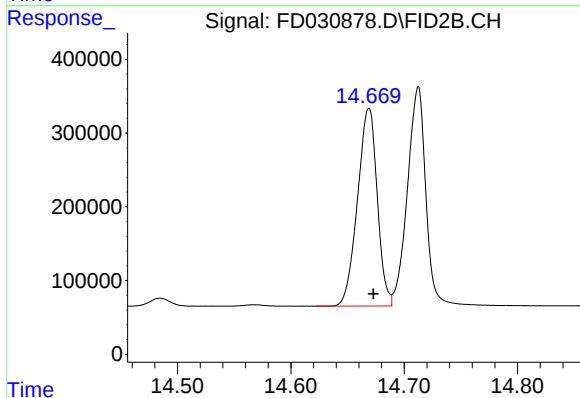
#12 Fluoranthene (C21.85)

R.T.: 12.506 min
Delta R.T.: -0.007 min
Response: 3542297
Conc: 18.95 ug/ml



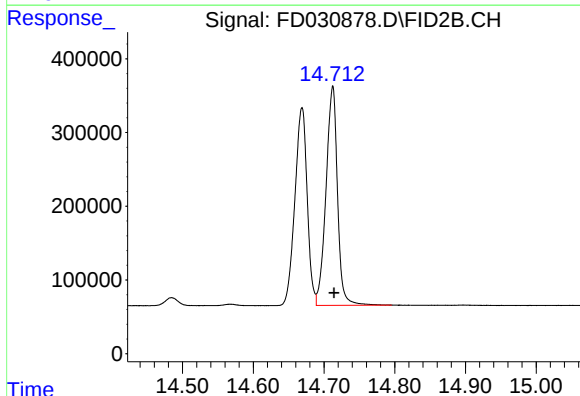
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.007 min
Response: 3418399
Conc: 18.59 ug/ml



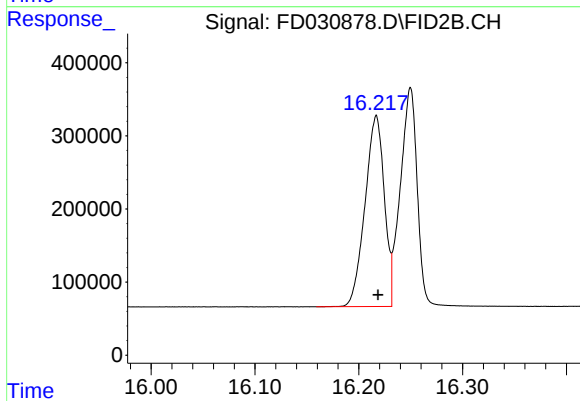
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 3241257
Conc: 18.73 ug/ml



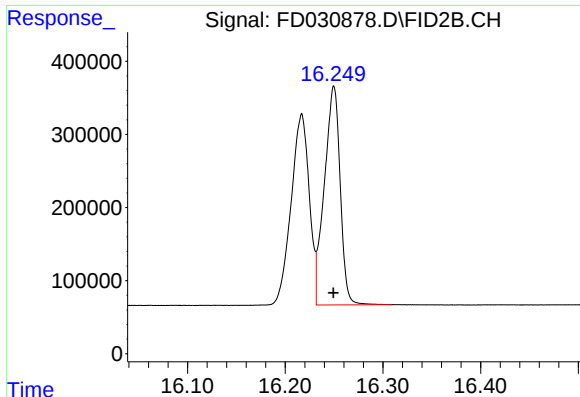
#15 Chrysene (C27.41)

R.T.: 14.712 min
Delta R.T.: -0.002 min
Response: 3361526
Conc: 18.94 ug/ml



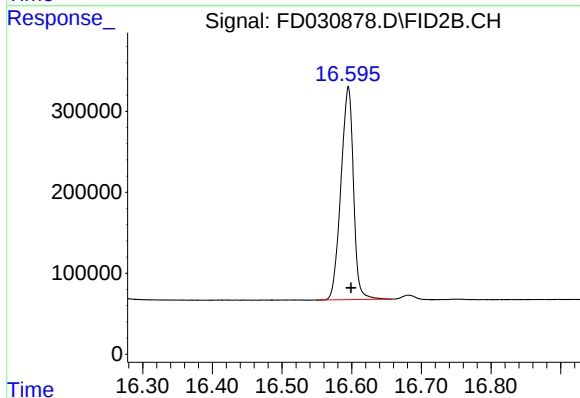
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.217 min
Delta R.T.: -0.002 min
Response: 3369369
Conc: 20.00 ug/ml



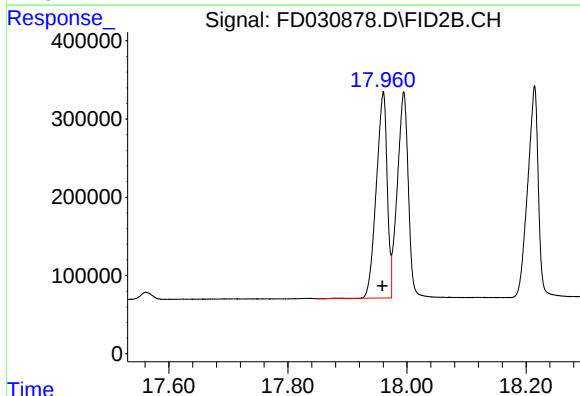
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 3374690
Conc: 19.80 ug/ml



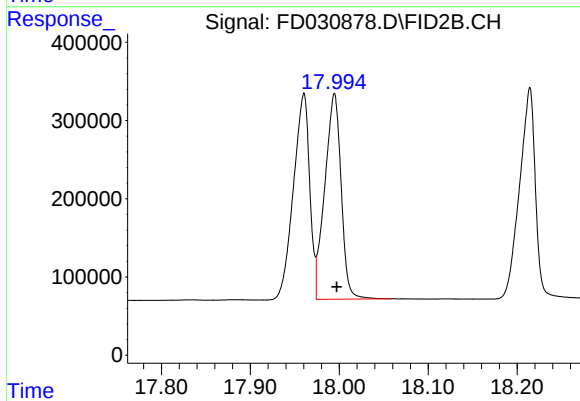
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.595 min
Delta R.T.: -0.004 min
Response: 3297544
Conc: 20.09 ug/ml



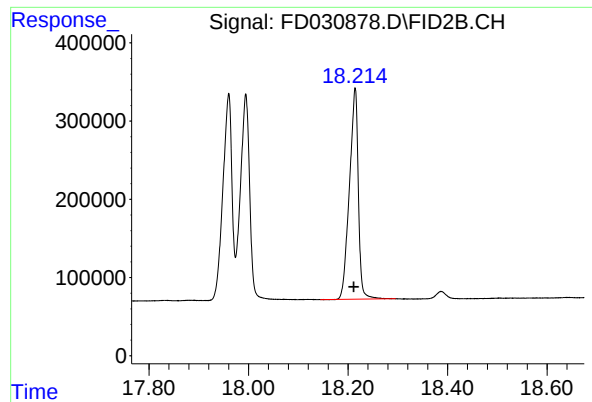
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: 0.001 min
Response: 3335391
Conc: 21.29 ug/ml



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

R.T.: 17.995 min
Delta R.T.: -0.002 min
Response: 3355589
Conc: 21.44 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.003 min
Response: 3353956
Conc: 21.78 ug/ml