

Data Path : P:\HPCHEM1\FID D\Data\FD011818AR\
 Data File : FD019136.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2018 15:25
 Operator : UA/AJ
 Sample : 5 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 04:30:19 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:10:01 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...	7.378	395681	4.767 ug/ml
Spiked Amount 50.000		Recovery =	9.53%
6) S 2-Fluorobiphenyl (SURR)	8.240	252621	4.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.28%
11) S ortho-Terphenyl (SURR)	11.263	526754	5.434 ug/ml
Spiked Amount 50.000		Recovery =	10.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	462757	5.456 ug/ml
2) T Naphthalene (C11.7)	5.717	434105	4.835 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	448454	4.988 ug/ml
5) T Acenaphthylene (C15.06)	8.034	490517	5.291 ug/ml
7) T Acenaphthene (C15.5)	8.326	509977	5.135 ug/ml
8) T Fluorene (C16.55)	9.110	478520	5.029 ug/ml
9) T Phenanthrene (C19.36)	10.503	499926	5.115 ug/ml
10) T Anthracene (C19.43)	10.580	460841	4.536 ug/ml
12) T Fluoranthene (C21.85)	12.313	554039	5.330 ug/mlm
13) T Pyrene (C20.8)	12.604	556811	5.146 ug/mlm
14) T Benzo[alanthracene (C...	14.481	528315	5.181 ug/mlm
15) T Chrysene (C27.41)	14.524	589187	5.504 ug/ml
16) T benzo[blfluoranthene ...	16.037	549154	5.325 ug/ml
17) T Bnezo[klfluoranthene ...	16.068	622985	6.180 ug/ml
18) T Benzo[alpyrene (C31.34)	16.421	579758	5.465 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.793	489797	5.089 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.826	643007	5.974 ug/ml
21) T Benzo[fa,h,i]pervlene ...	18.044	556799	5.382 ug/mlm

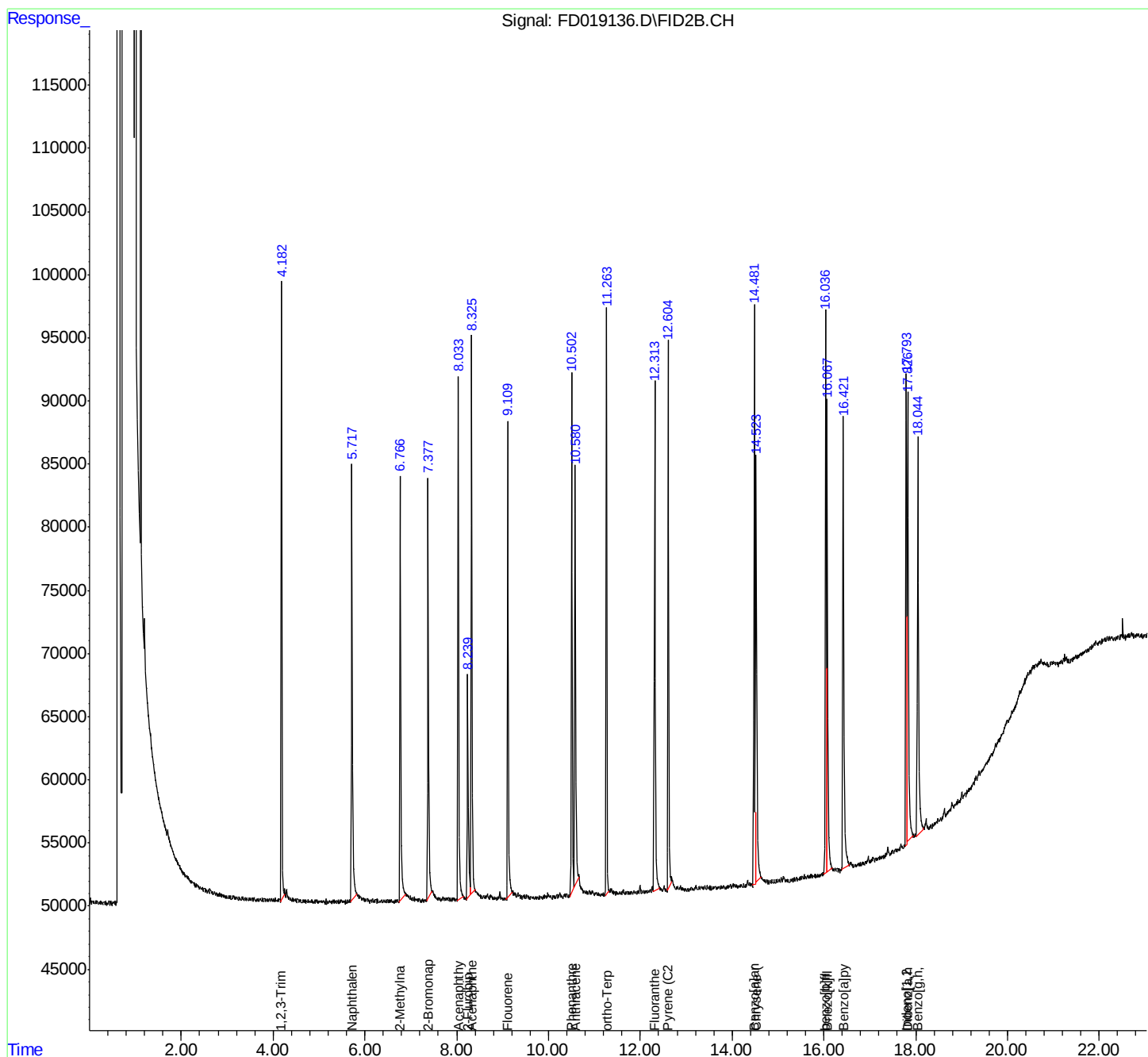
(f)=RT Delta > 1/2 Window

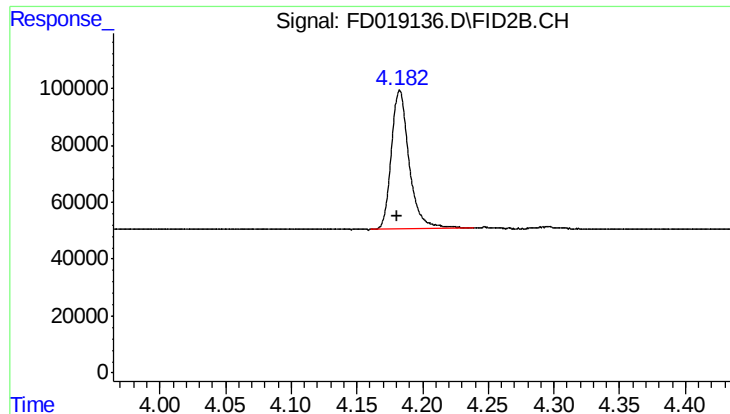
(m)=manual int.

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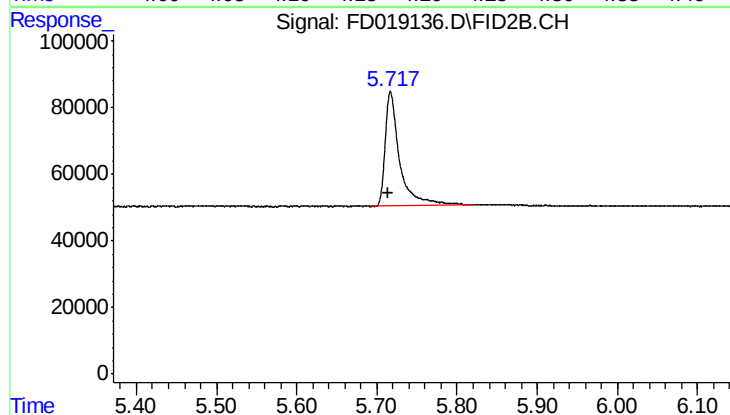
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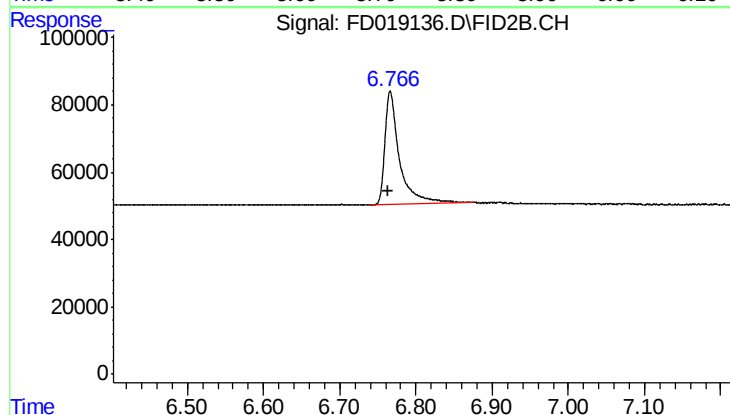
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.183 min
Delta R.T.: 0.002 min
Response: 462757
Conc: 5.46 ug/ml



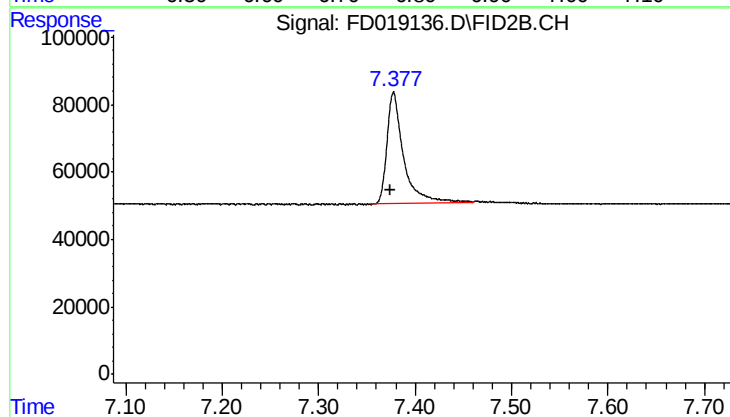
#2 Naphthalene (C11.7)

R.T.: 5.717 min
Delta R.T.: 0.004 min
Response: 434105
Conc: 4.84 ug/ml



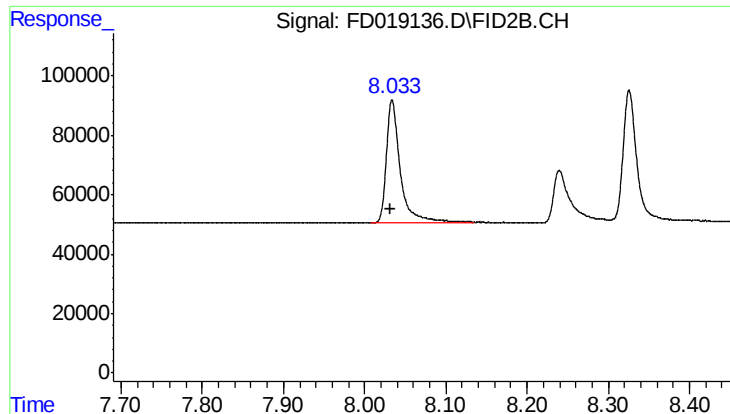
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 448454
Conc: 4.99 ug/ml



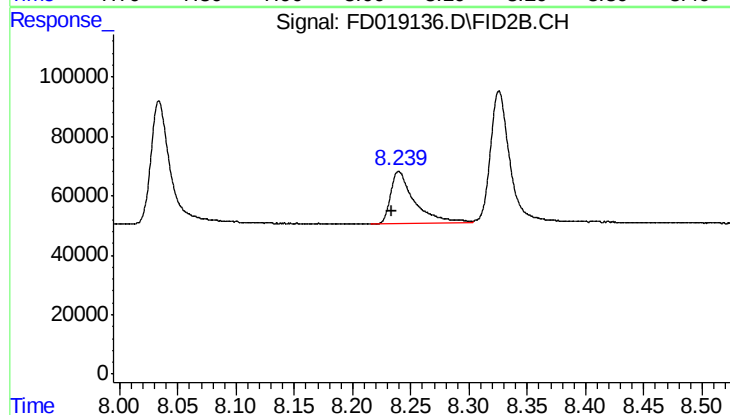
#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: 0.002 min
Response: 395681
Conc: 4.77 ug/ml



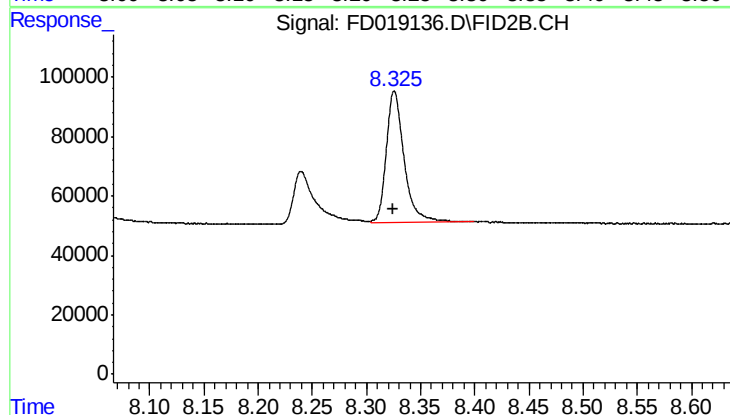
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: 0.002 min
Response: 490517
Conc: 5.29 ug/ml



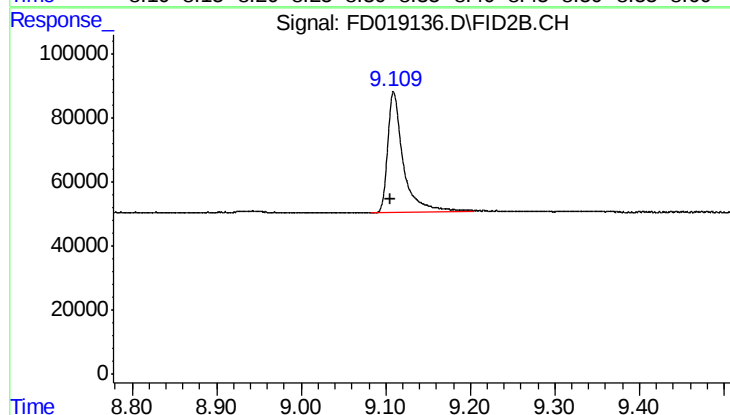
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.240 min
Delta R.T.: 0.006 min
Response: 252621
Conc: 4.64 ug/ml



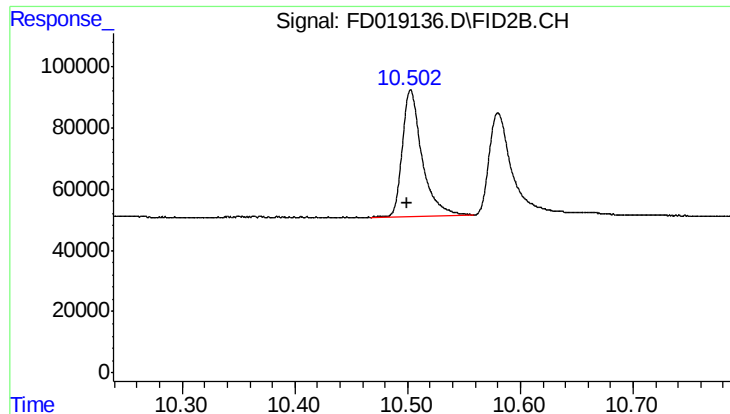
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 509977
Conc: 5.14 ug/ml



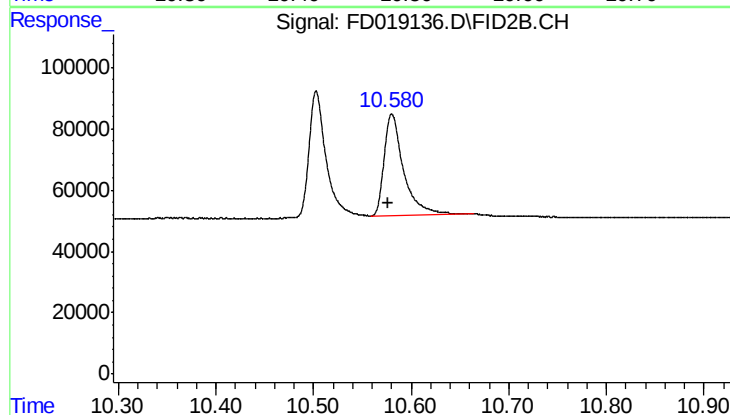
#8 Fluorene (C16.55)

R.T.: 9.110 min
Delta R.T.: 0.003 min
Response: 478520
Conc: 5.03 ug/ml



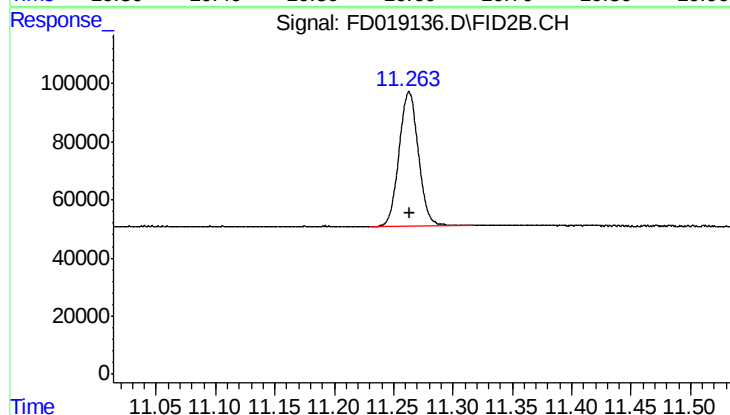
#9 Phenanthrene (C19.36)

R.T.: 10.503 min
Delta R.T.: 0.003 min
Response: 499926
Conc: 5.11 ug/ml



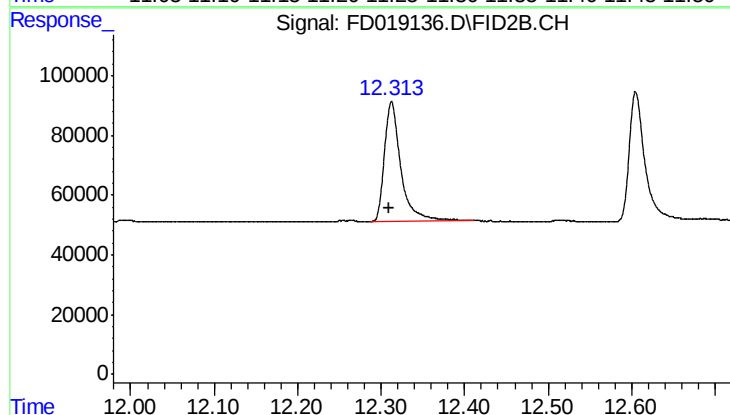
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.005 min
Response: 460841
Conc: 4.54 ug/ml



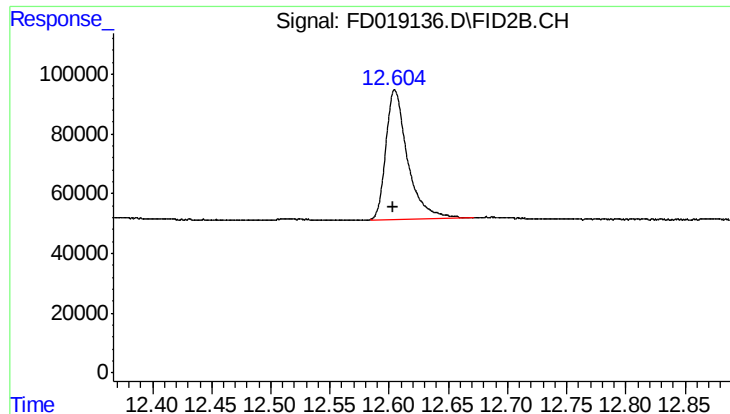
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 526754
Conc: 5.43 ug/ml



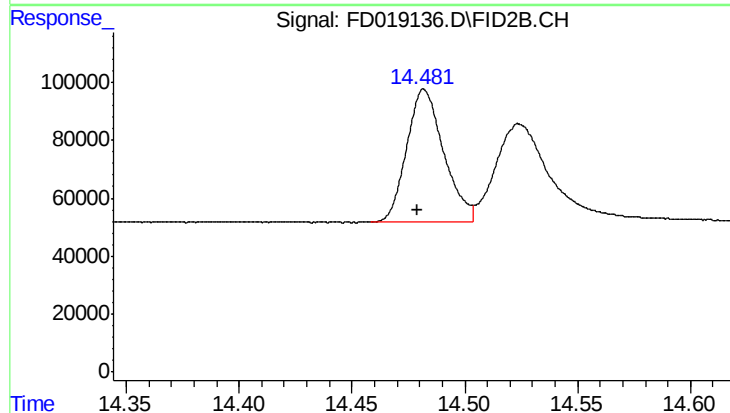
#12 Fluoranthene (C21.85)

R.T.: 12.313 min
Delta R.T.: 0.003 min
Response: 554039
Conc: 5.33 ug/ml m



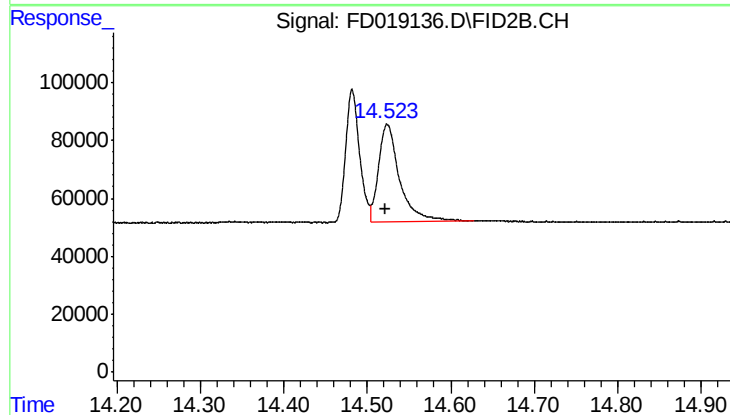
#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: 0.000 min
Response: 556811
Conc: 5.15 ug/ml m



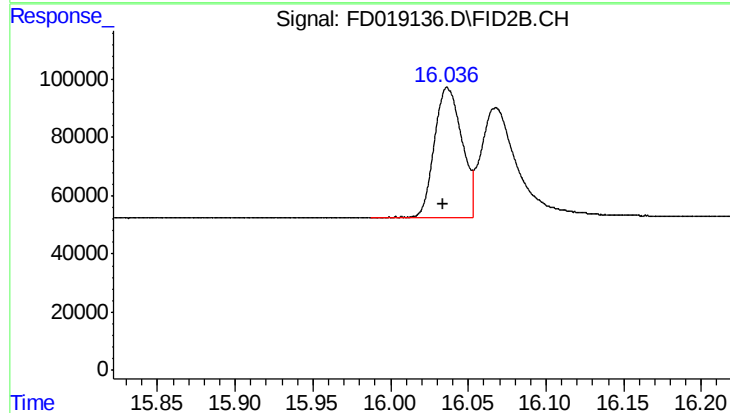
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.481 min
Delta R.T.: 0.002 min
Response: 528315
Conc: 5.18 ug/ml m



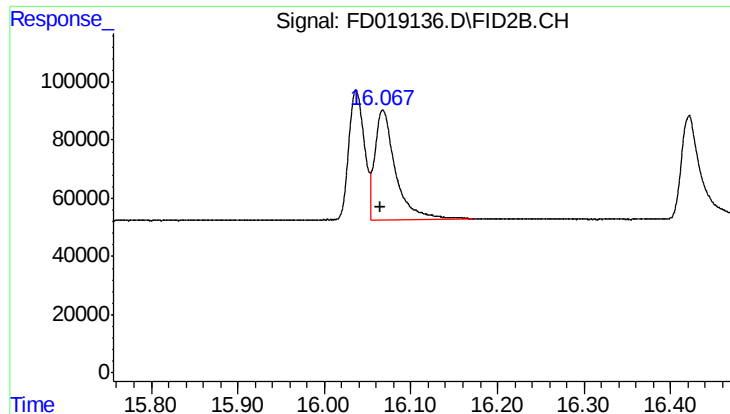
#15 Chrysene (C27.41)

R.T.: 14.524 min
Delta R.T.: 0.002 min
Response: 589187
Conc: 5.50 ug/ml



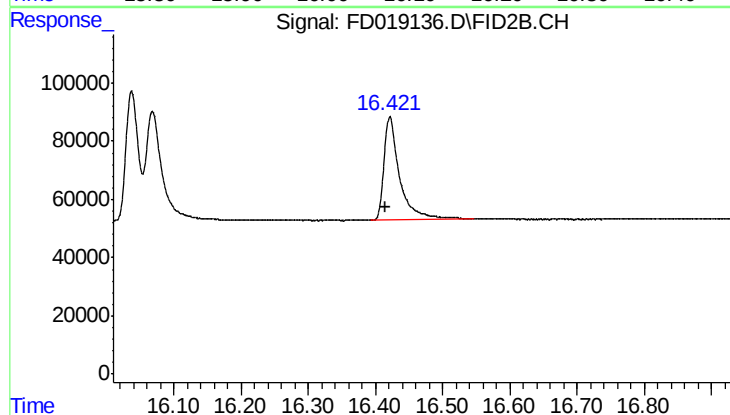
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.037 min
Delta R.T.: 0.003 min
Response: 549154
Conc: 5.32 ug/ml



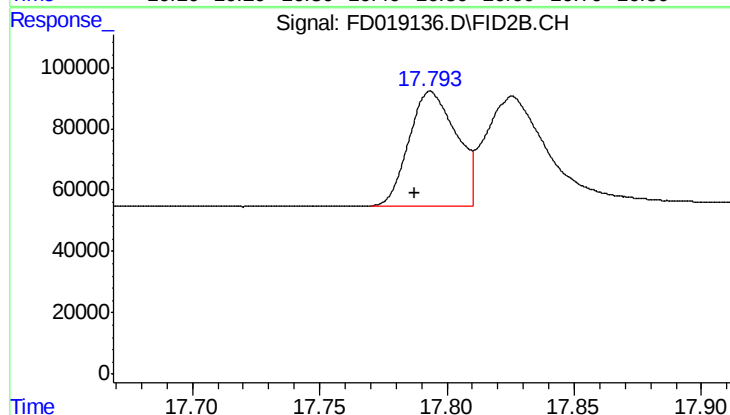
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.068 min
Delta R.T.: 0.003 min
Response: 622985
Conc: 6.18 ug/ml



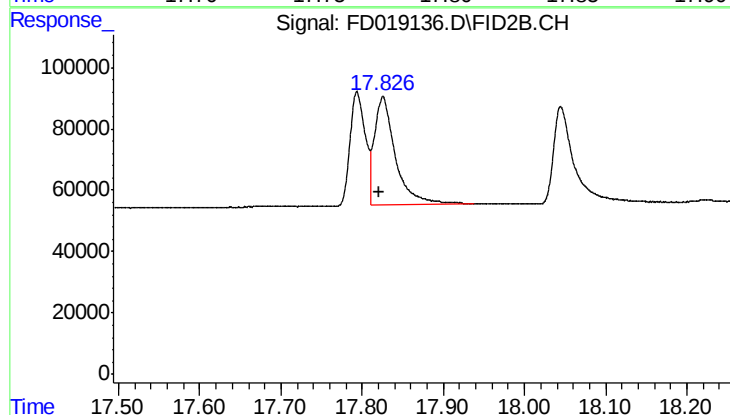
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.421 min
Delta R.T.: 0.006 min
Response: 579758
Conc: 5.46 ug/ml m



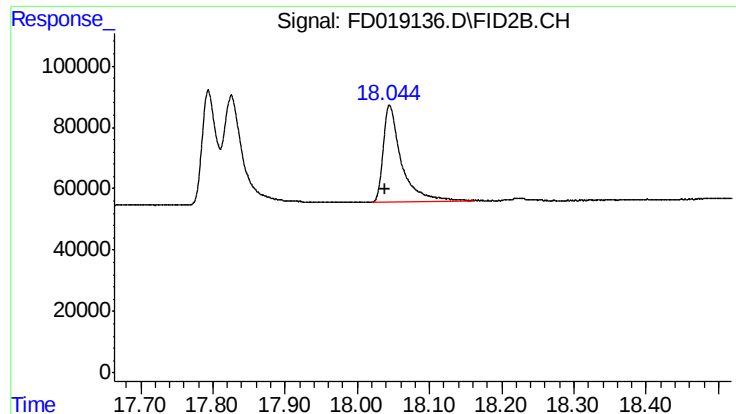
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: 0.006 min
Response: 489797
Conc: 5.09 ug/ml m



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

R.T.: 17.826 min
Delta R.T.: 0.005 min
Response: 643007
Conc: 5.97 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.005 min
Response: 556799
Conc: 5.38 ug/ml m