

Data Path : P:\HPCHEM1\FID_D\Data\FD020118AR\
 Data File : FD019342.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2018 19:29
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 02:38:55 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.359	1851321	22.880 ug/ml
Spiked Amount 50.000		Recovery =	45.76%
6) S 2-Fluorobiphenyl (SURR)	8.218	1262952	23.090 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.18%
11) S ortho-Terphenyl (SURR)	11.244	2200570	22.243 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	1976363	22.325 ug/ml
2) T Naphthalene (C11.7)	5.697	2050705	22.961 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	2073321	22.584 ug/ml
5) T Acenaphthylene (C15.06)	8.015	2148207	22.655 ug/ml
7) T Acenaphthene (C15.5)	8.308	2233318	22.894 ug/ml
8) T Flouorene (C16.55)	9.090	2182706	22.969 ug/ml
9) T Phenanthrene (C19.36)	10.481	2299527	23.130 ug/ml
10) T Anthracene (C19.43)	10.558	2287786	23.526 ug/ml
12) T Fluoranthene (C21.85)	12.291	2391407	22.558 ug/ml
13) T Pyrene (C20.8)	12.586	2423754	22.881 ug/ml
14) T Benzo[a]anthracene (C...	14.462	2684760	25.652 ug/ml
15) T Chrysene (C27.41)	14.503	2527406	23.385 ug/ml
16) T benzo[b]fluoranthene ...	16.047	2574882	23.933 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	2574882	22.732 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.397	2256311	20.700 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.803	2437810	24.642 ug/ml
20) T Dibenz[a,h]anthracene...	17.803	2437810	21.269 ug/ml
21) T Benzo[g,h,i]perylene ...	18.021	1709224	16.378 ug/ml

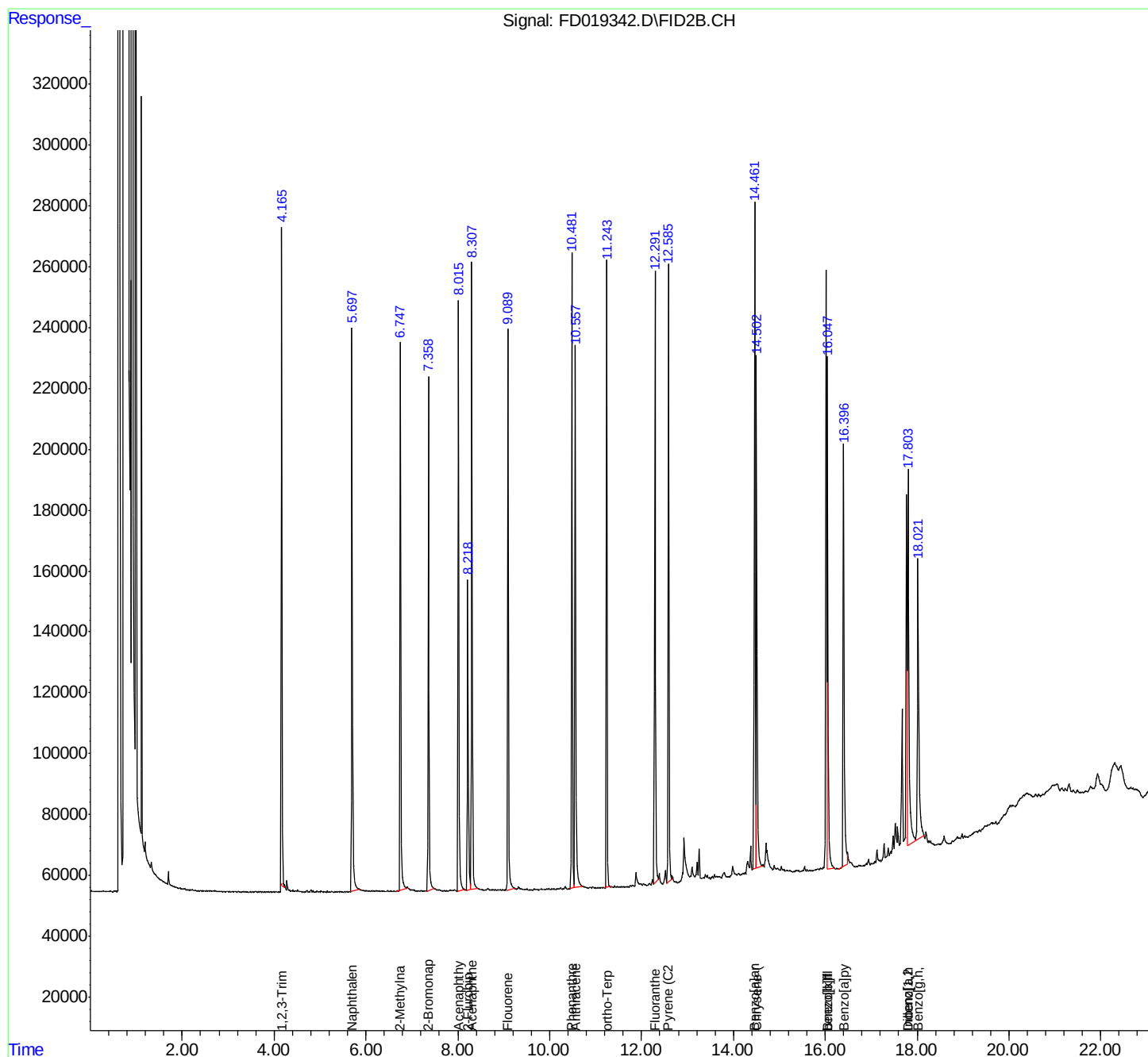
(f)=RT Delta > 1/2 Window

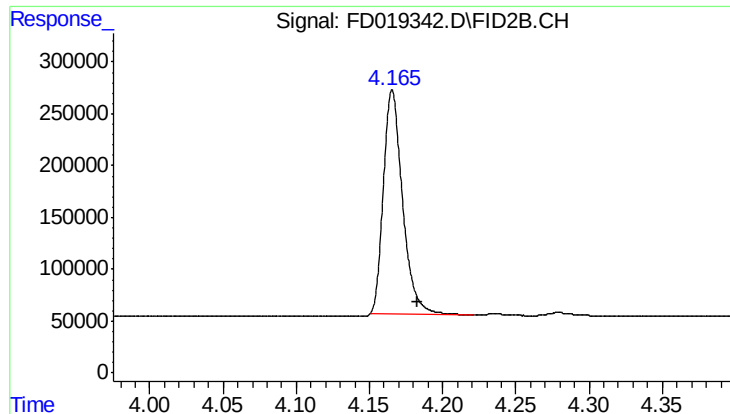
(m)=manual int.

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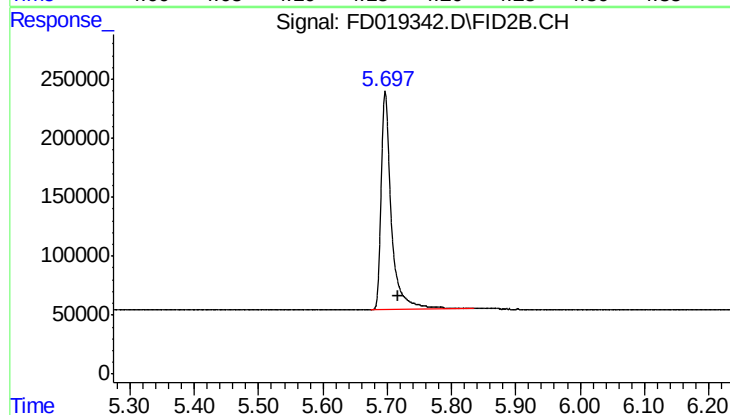
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





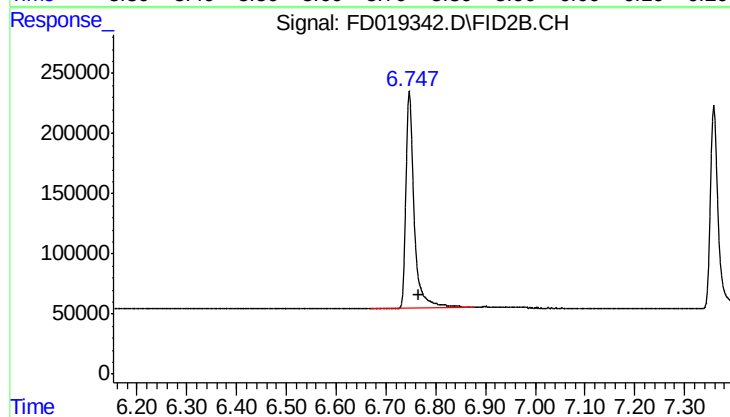
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.017 min
Response: 1976363
Conc: 22.33 ug/ml



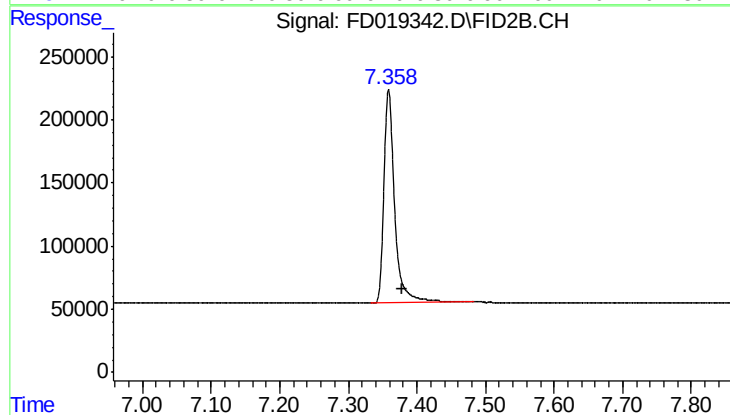
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.020 min
Response: 2050705
Conc: 22.96 ug/ml



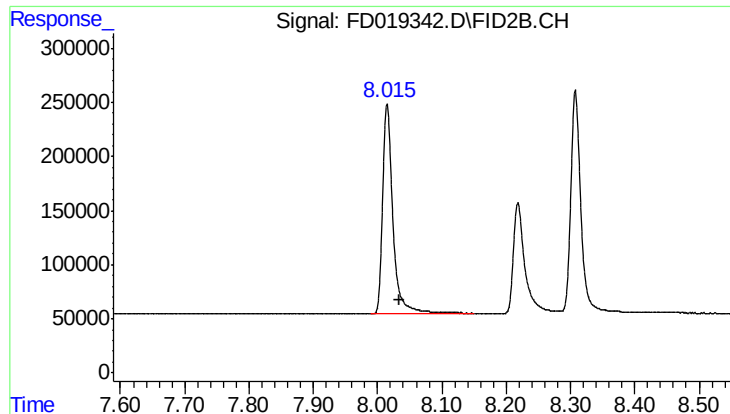
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.019 min
Response: 2073321
Conc: 22.58 ug/ml



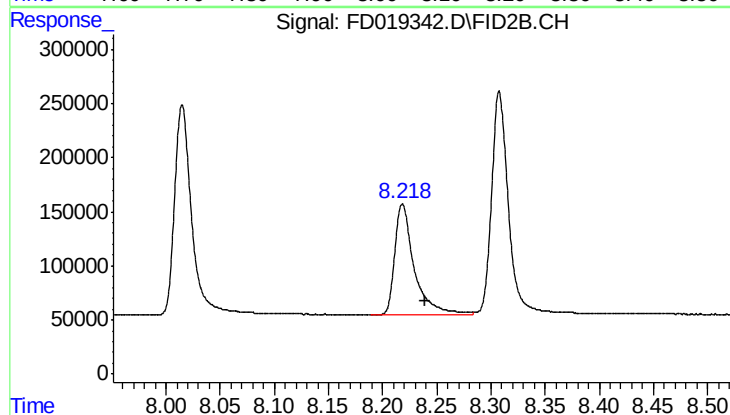
#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.019 min
Response: 1851321
Conc: 22.88 ug/ml



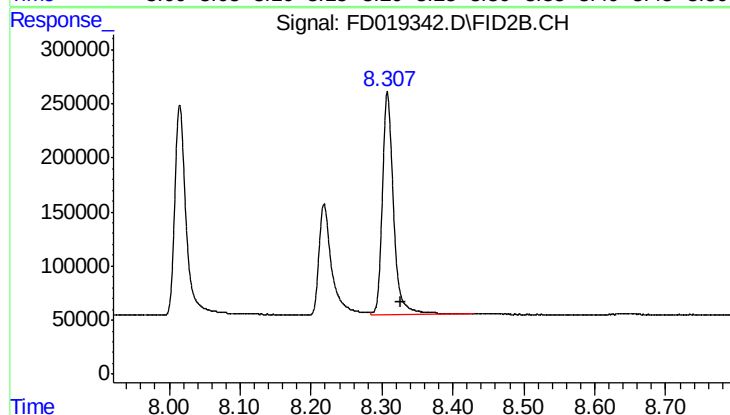
#5 Acenaphthylene (C15.06)

R.T.: 8.015 min
Delta R.T.: -0.019 min
Response: 2148207
Conc: 22.66 ug/ml



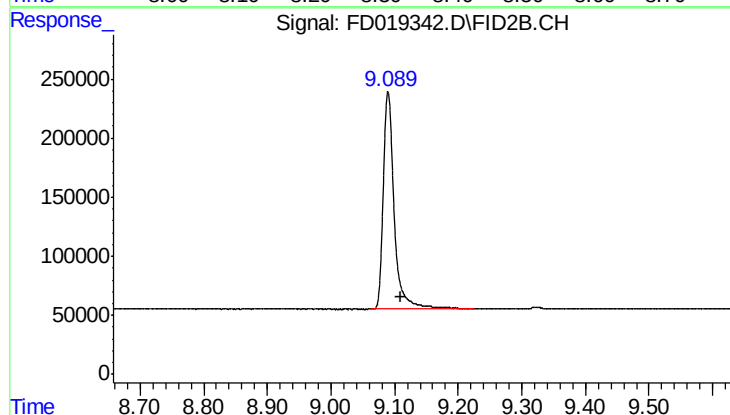
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.218 min
Delta R.T.: -0.021 min
Response: 1262952
Conc: 23.09 ug/ml



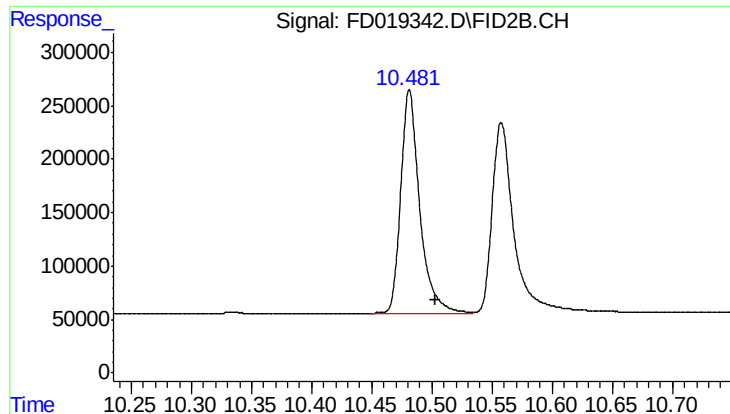
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: -0.018 min
Response: 2233318
Conc: 22.89 ug/ml



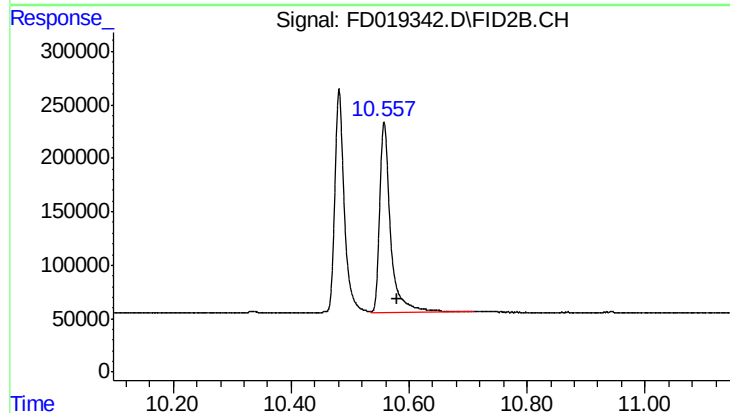
#8 Fluorene (C16.55)

R.T.: 9.090 min
Delta R.T.: -0.020 min
Response: 2182706
Conc: 22.97 ug/ml



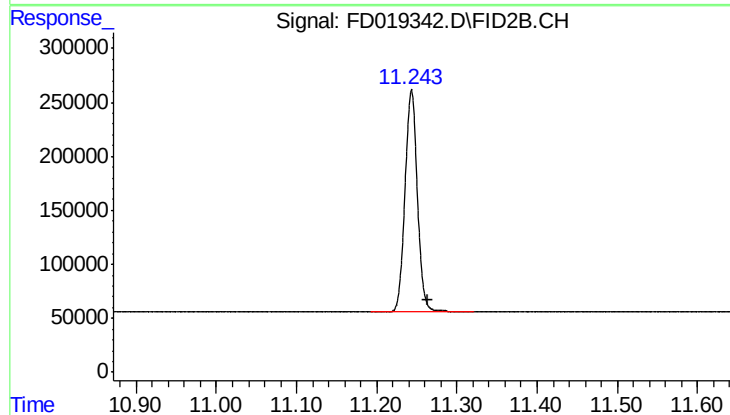
#9 Phenanthrene (C19.36)

R.T.: 10.481 min
Delta R.T.: -0.021 min
Response: 2299527
Conc: 23.13 ug/ml



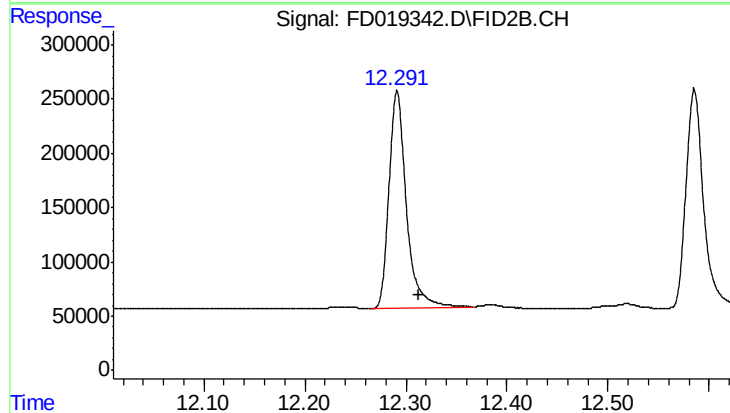
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.023 min
Response: 2287786
Conc: 23.53 ug/ml



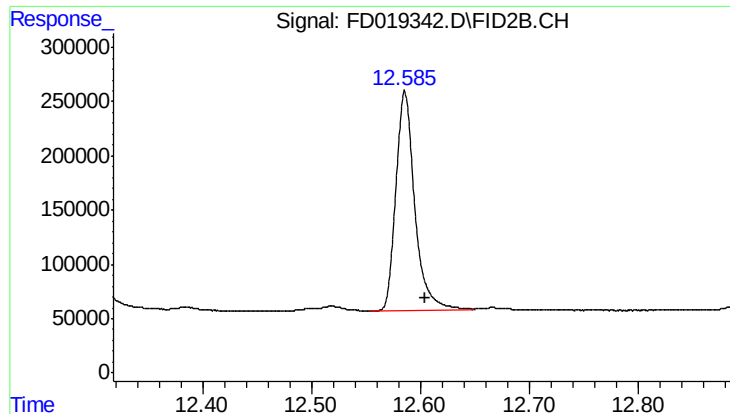
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.020 min
Response: 2200570
Conc: 22.24 ug/ml



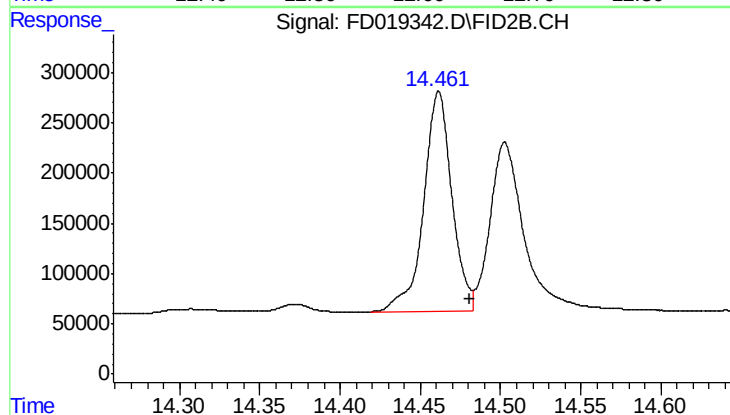
#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: -0.021 min
Response: 2391407
Conc: 22.56 ug/ml



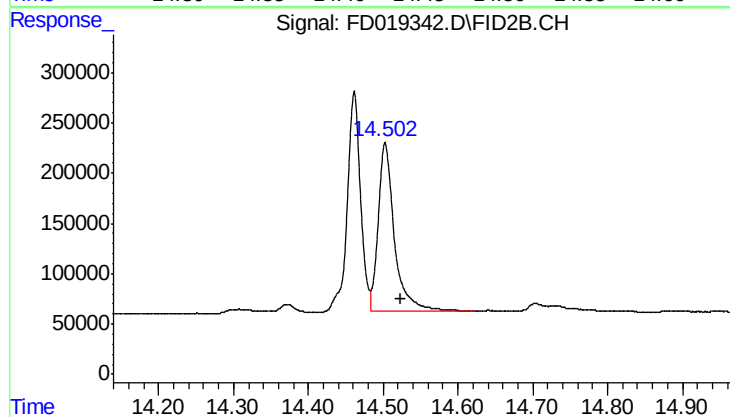
#13 Pyrene (C20.8)

R.T.: 12.586 min
Delta R.T.: -0.018 min
Response: 2423754
Conc: 22.88 ug/ml



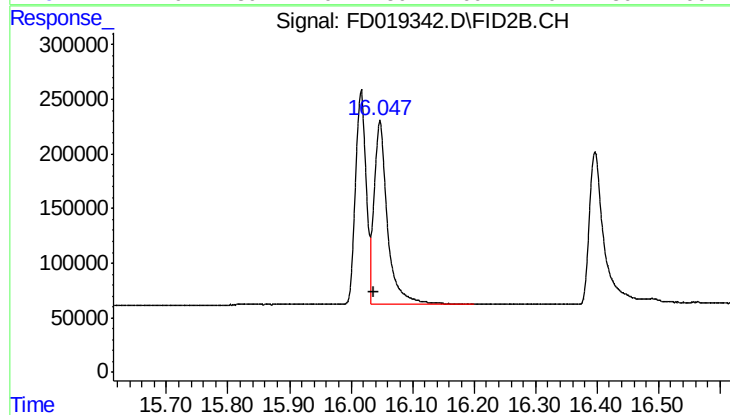
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.020 min
Response: 2684760
Conc: 25.65 ug/ml



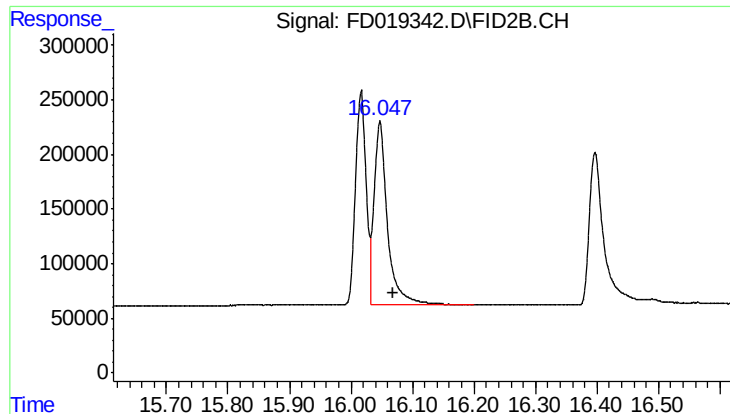
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: -0.021 min
Response: 2527406
Conc: 23.39 ug/ml



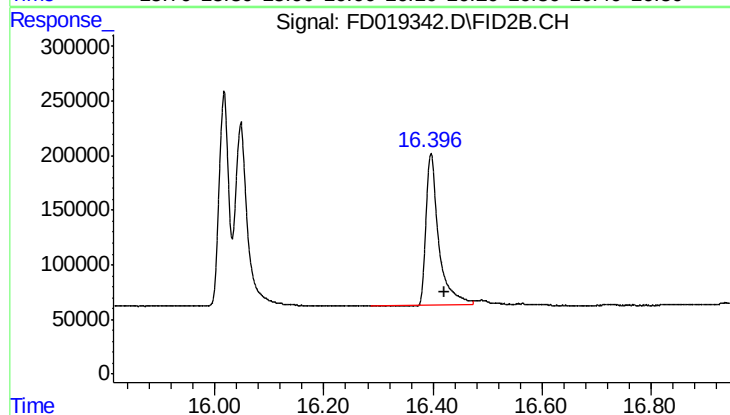
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.047 min
Delta R.T.: 0.011 min
Response: 2574882
Conc: 23.93 ug/ml



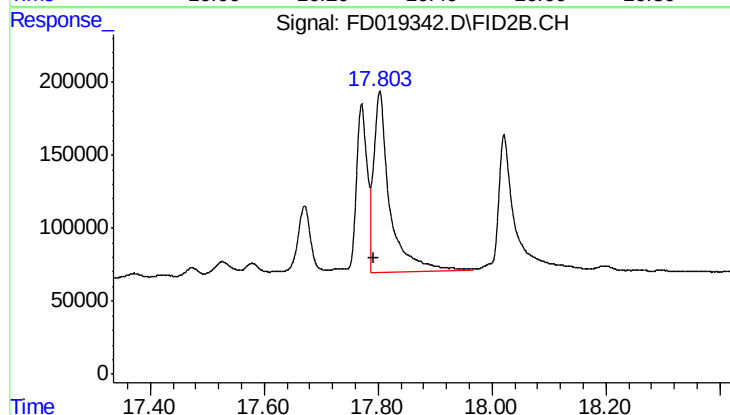
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min
Delta R.T.: -0.020 min
Response: 2574882
Conc: 22.73 ug/ml



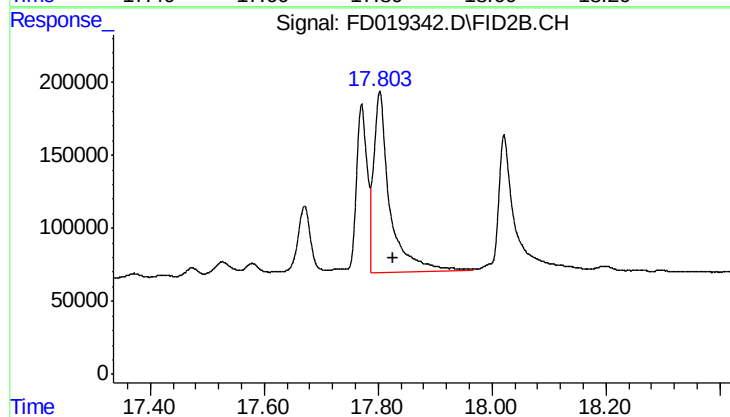
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.397 min
Delta R.T.: -0.024 min
Response: 2256311
Conc: 20.70 ug/ml



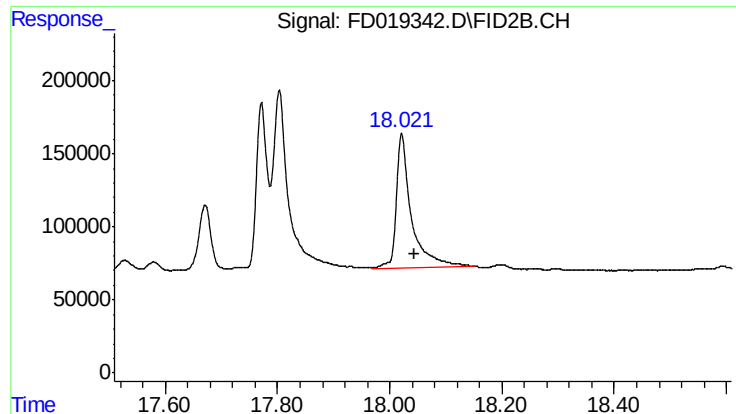
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.803 min
Delta R.T.: 0.010 min
Response: 2437810
Conc: 24.64 ug/ml



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

R.T.: 17.803 min
Delta R.T.: -0.023 min
Response: 2437810
Conc: 21.27 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.022 min
Response: 1709224
Conc: 16.38 ug/ml