

Data Path : P:\HPCHEM1\FID D\Data\FD020118AR\
 Data File : FD019338.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2018 12:34
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 17:38:50 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...	7.360	1752136	21.655 ug/ml
Spiked Amount 50.000		Recovery =	43.31%
6) S 2-Fluorobiphenyl (SURR)	8.220	1176254	21.505 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.01%
11) S ortho-Terphenyl (SURR)	11.245	2142477	21.656 ug/ml
Spiked Amount 50.000		Recovery =	43.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	1872577	21.153 ug/ml
2) T Naphthalene (C11.7)	5.699	1912329	21.411 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	1941438	21.147 ug/ml
5) T Acenaphthylene (C15.06)	8.016	2065917	21.788 ug/ml
7) T Acenaphthene (C15.5)	8.309	2166964	22.214 ug/ml
8) T Fluorene (C16.55)	9.091	2100333	22.102 ug/ml
9) T Phenanthrene (C19.36)	10.484	2222952	22.360 ug/ml
10) T Anthracene (C19.43)	10.560	2208095	22.707 ug/ml
12) T Fluoranthene (C21.85)	12.292	2366016	22.318 ug/ml
13) T Pyrene (C20.8)	12.586	2321013	21.911 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.462	2240596	21.408 ug/ml
15) T Chrysene (C27.41)	14.504	2430819	22.492 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.048	2526379	23.482 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.048	2526379	22.304 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.399	2130000	19.541 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.806	2253434	22.779 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.806	2253434	19.661 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.025	1527767	14.640 ug/ml

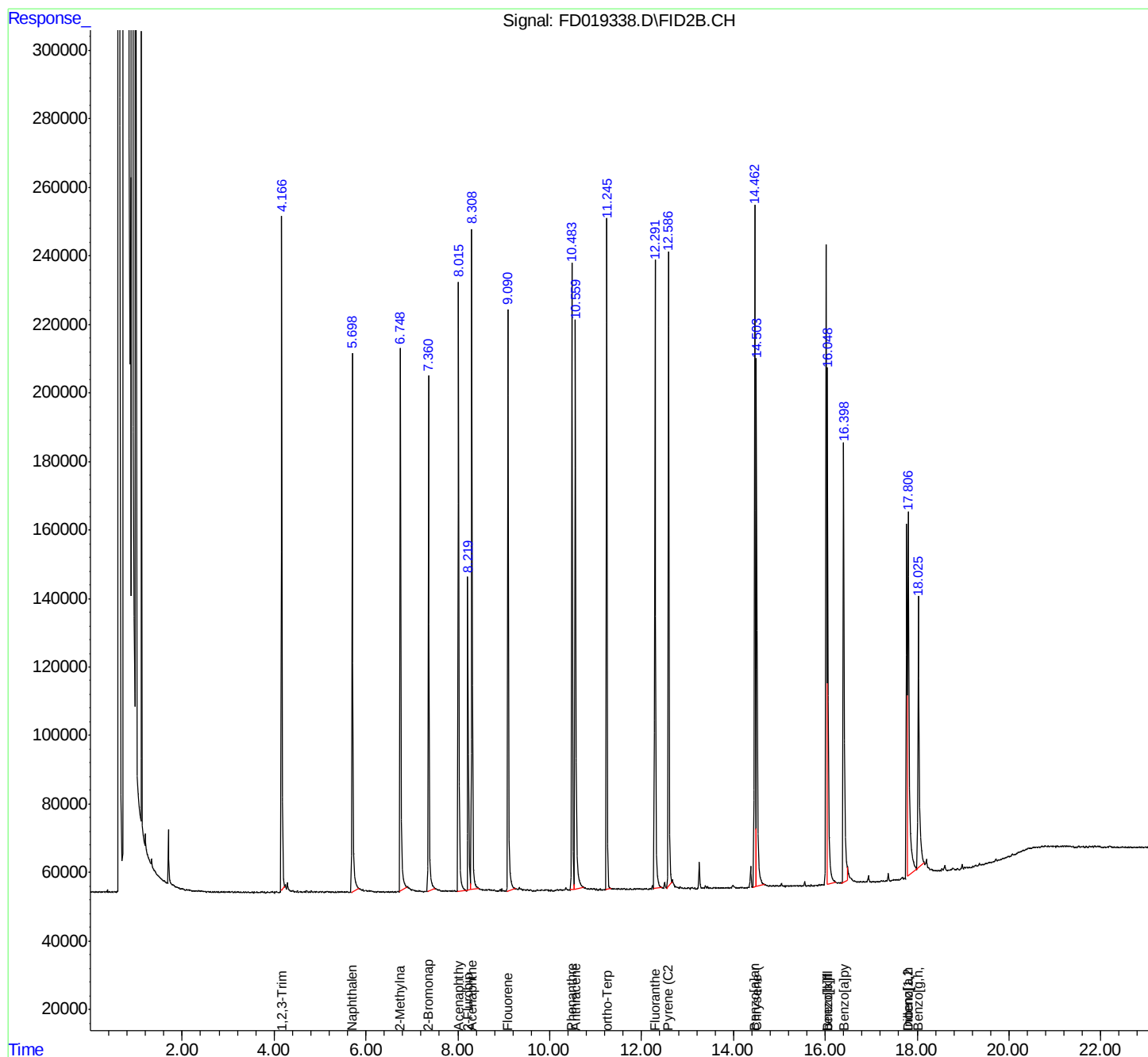
(f)=RT Delta > 1/2 Window

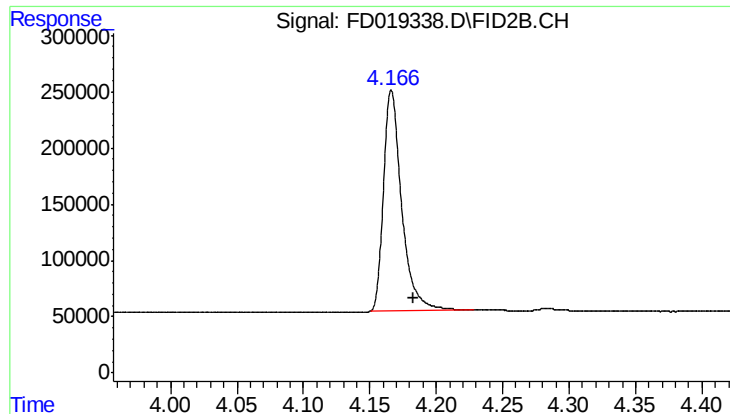
(m)=manual int.

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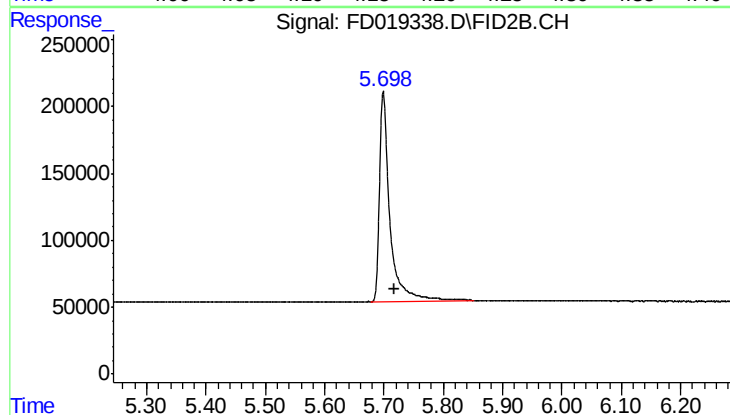
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Signal Info : 20M x 0.18mm x 0.18µm





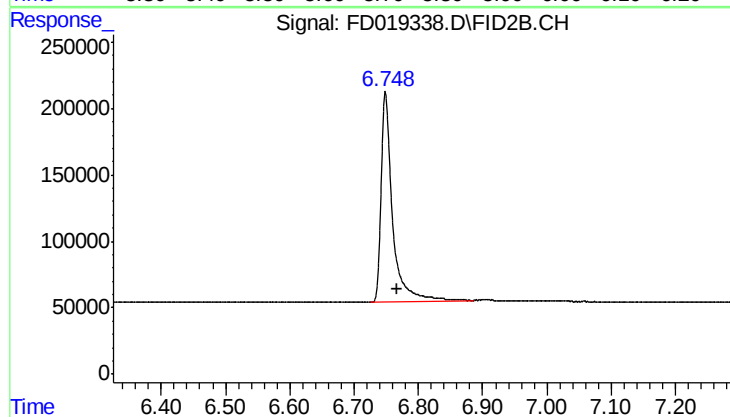
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.016 min
Response: 1872577
Conc: 21.15 ug/ml



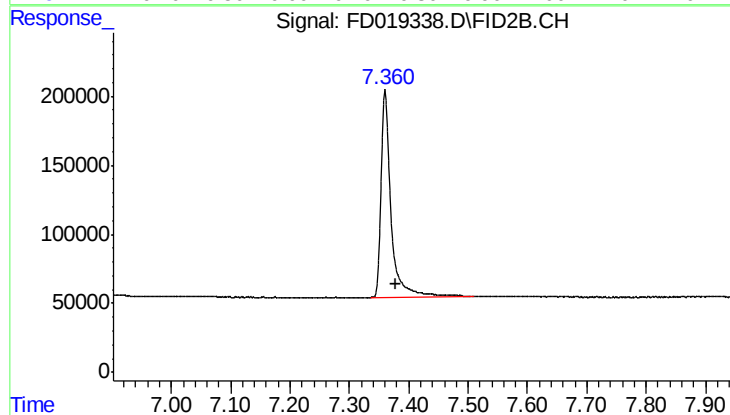
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.018 min
Response: 1912329
Conc: 21.41 ug/ml



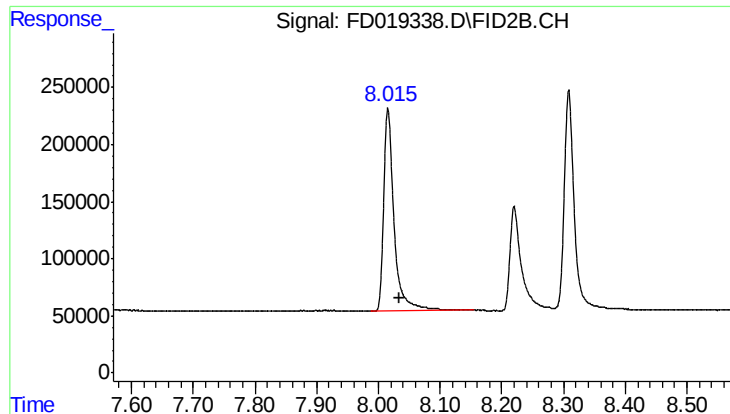
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.017 min
Response: 1941438
Conc: 21.15 ug/ml



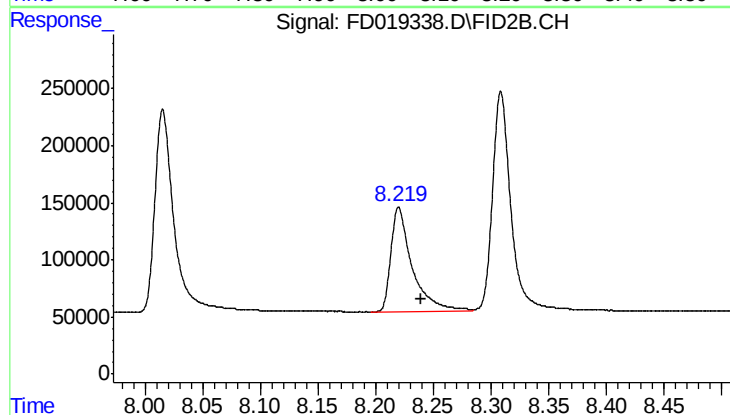
#4 2-Bromonaphthalene (SURR)

R.T.: 7.360 min
Delta R.T.: -0.018 min
Response: 1752136
Conc: 21.65 ug/ml



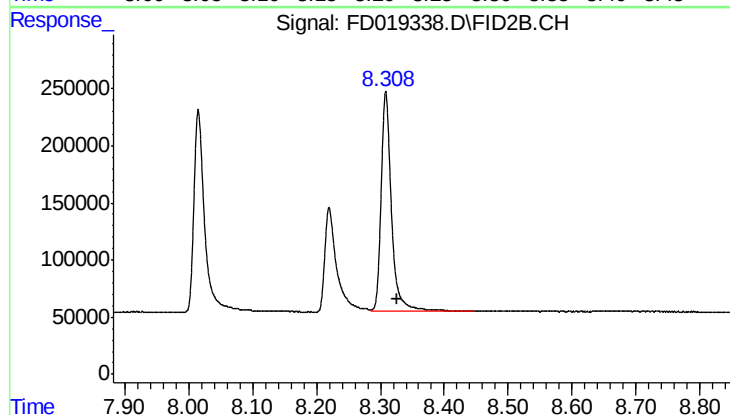
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.018 min
Response: 2065917
Conc: 21.79 ug/ml



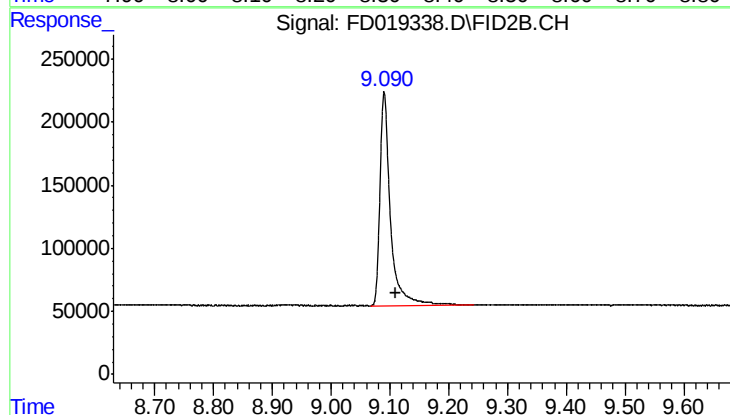
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.020 min
Response: 1176254
Conc: 21.50 ug/ml



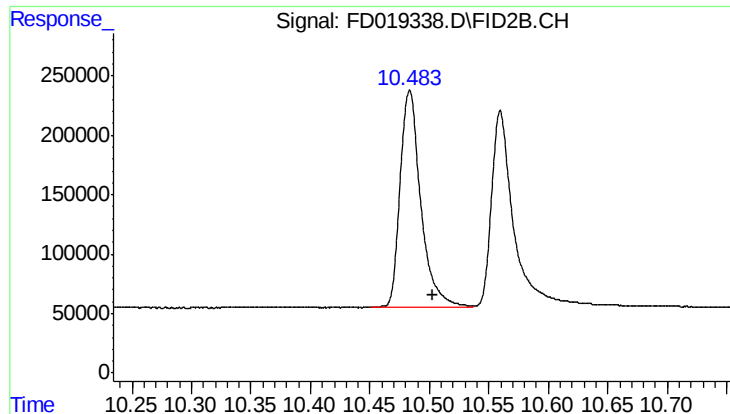
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: -0.017 min
Response: 2166964
Conc: 22.21 ug/ml



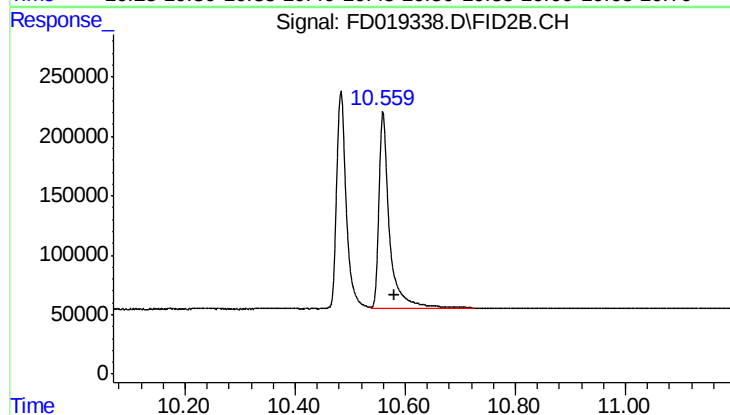
#8 Fluorene (C16.55)

R.T.: 9.091 min
Delta R.T.: -0.019 min
Response: 2100333
Conc: 22.10 ug/ml



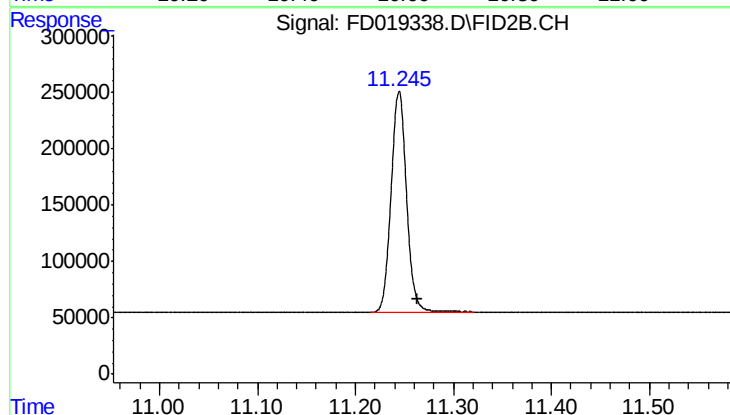
#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: -0.019 min
Response: 2222952
Conc: 22.36 ug/ml



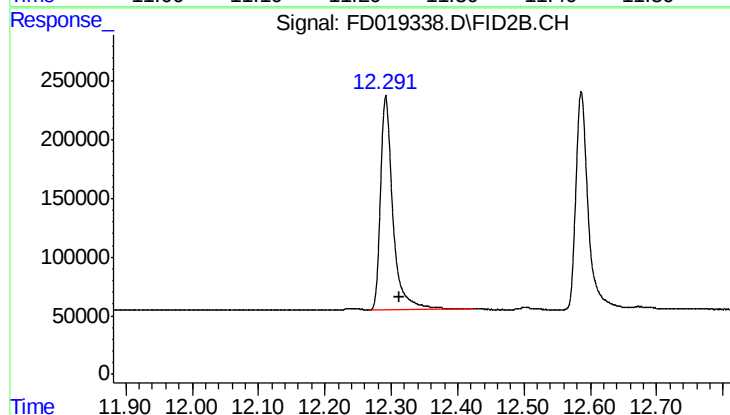
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.021 min
Response: 2208095
Conc: 22.71 ug/ml



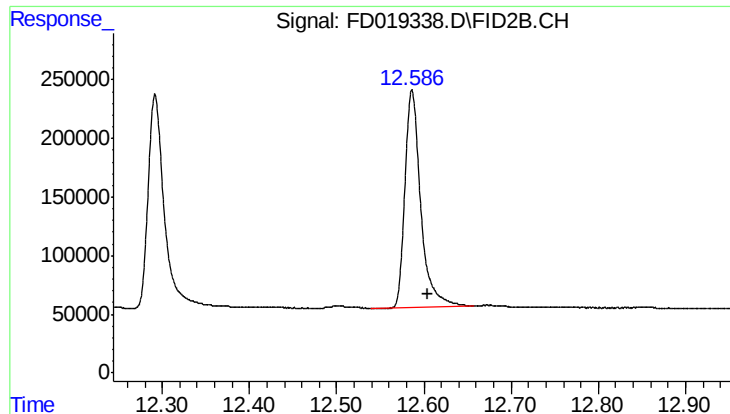
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.018 min
Response: 2142477
Conc: 21.66 ug/ml



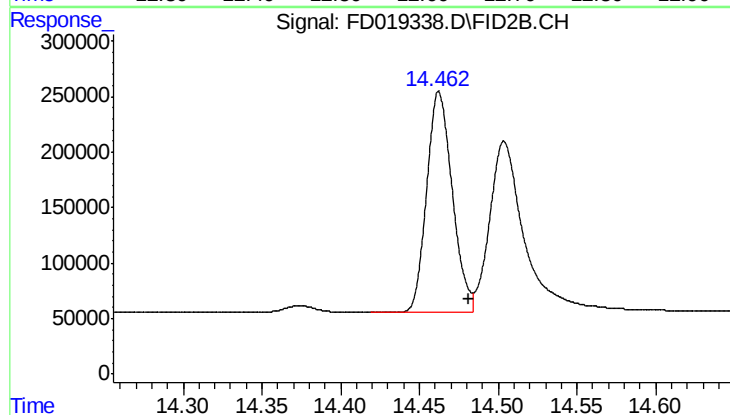
#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: -0.021 min
Response: 2366016
Conc: 22.32 ug/ml



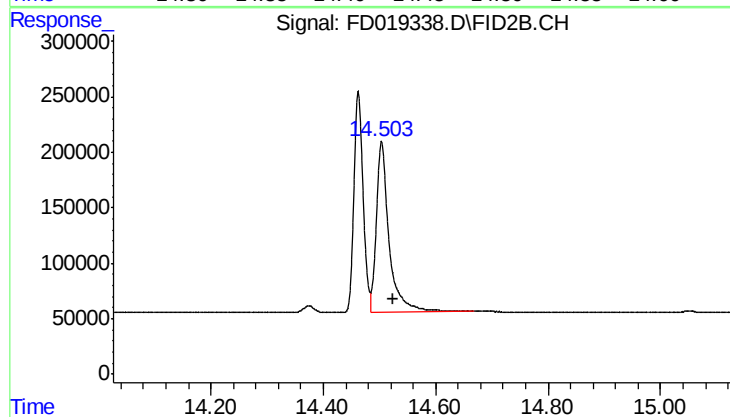
#13 Pyrene (C20.8)

R.T.: 12.586 min
Delta R.T.: -0.018 min
Response: 2321013
Conc: 21.91 ug/ml



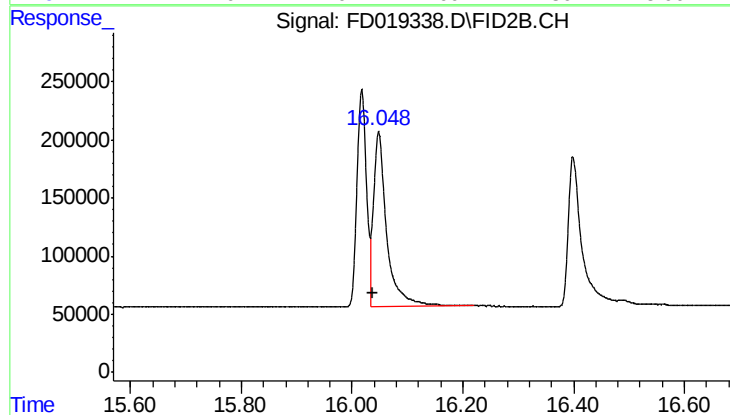
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.019 min
Response: 2240596
Conc: 21.41 ug/ml



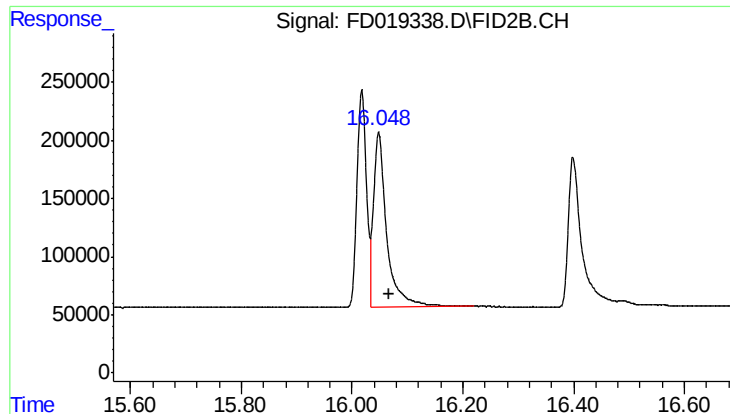
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: -0.020 min
Response: 2430819
Conc: 22.49 ug/ml



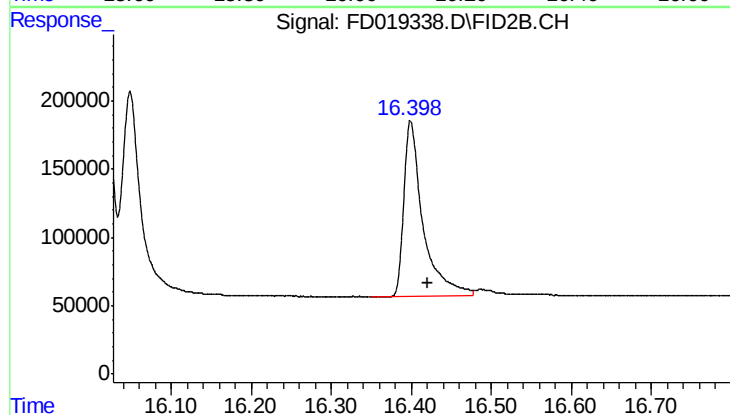
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.048 min
Delta R.T.: 0.012 min
Response: 2526379
Conc: 23.48 ug/ml



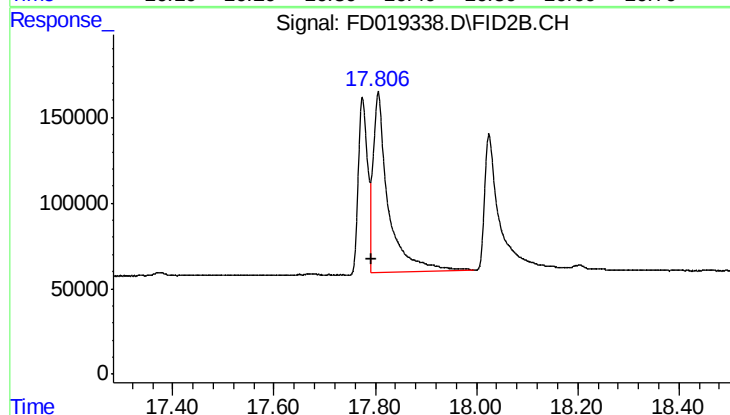
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.048 min
Delta R.T.: -0.019 min
Response: 2526379
Conc: 22.30 ug/ml



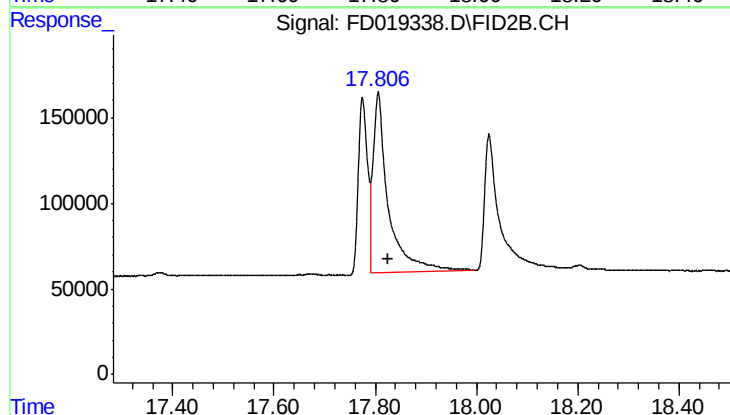
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.399 min
Delta R.T.: -0.022 min
Response: 2130000
Conc: 19.54 ug/ml



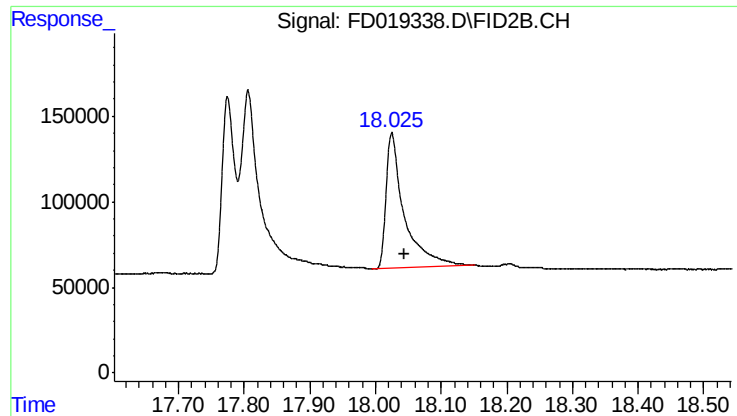
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.013 min
Response: 2253434
Conc: 22.78 ug/ml



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

R.T.: 17.806 min
Delta R.T.: -0.020 min
Response: 2253434
Conc: 19.66 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.019 min
Response: 1527767
Conc: 14.64 ug/ml