

Data Path : P:\HPCHEM1\FID D\Data\FD030118AR\
 Data File : FD020238.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2018 13:58
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 01:33:42 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.342	1855069	22.143 ug/ml
Spiked Amount 50.000		Recovery =	44.29%
6) S 2-Fluorobiphenyl (SURR)	8.201	1166945	23.082 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.16%
11) S ortho-Terphenyl (SURR)	11.226	2099655	22.125 ug/ml
Spiked Amount 50.000		Recovery =	44.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	2054006	23.259 ug/ml
2) T Naphthalene (C11.7)	5.681	2034625	22.745 ug/ml
3) T 2-Methylnaphthalene (...)	6.731	2029773	22.349 ug/ml
5) T Acenaphthylene (C15.06)	7.998	2075811	21.675 ug/ml
7) T Acenaphthene (C15.5)	8.291	2193137	21.409 ug/ml
8) T Fluorene (C16.55)	9.072	2032779	21.680 ug/ml
9) T Phenanthrene (C19.36)	10.465	2107495	22.620 ug/ml
10) T Anthracene (C19.43)	10.541	2116347	22.318 ug/ml
12) T Fluoranthene (C21.85)	12.275	2262272	22.554 ug/ml
13) T Pyrene (C20.8)	12.569	2273253	22.375 ug/ml
14) T Benzo[alanthracene (C...	14.449	2200808	22.823 ug/ml
15) T Chrysene (C27.41)	14.489	2325141	21.543 ug/ml
16) T benzo[b]fluoranthene ...	16.006	2255439	22.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	2395272	21.108 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	2241306	21.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.766	1998084	20.972 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	2535153	22.309 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.016	2179054	20.980 ug/ml

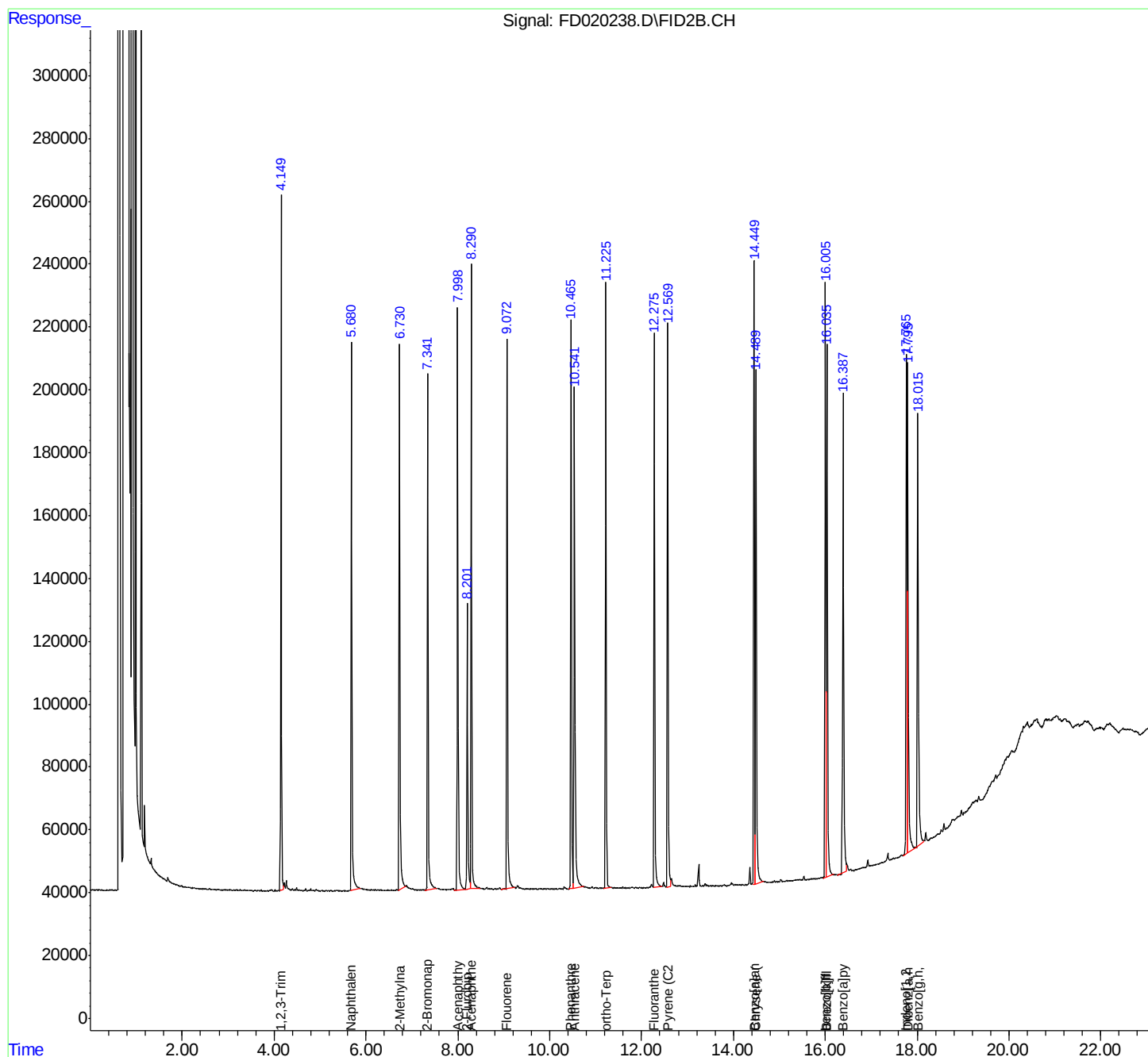
(f)=RT Delta > 1/2 Window

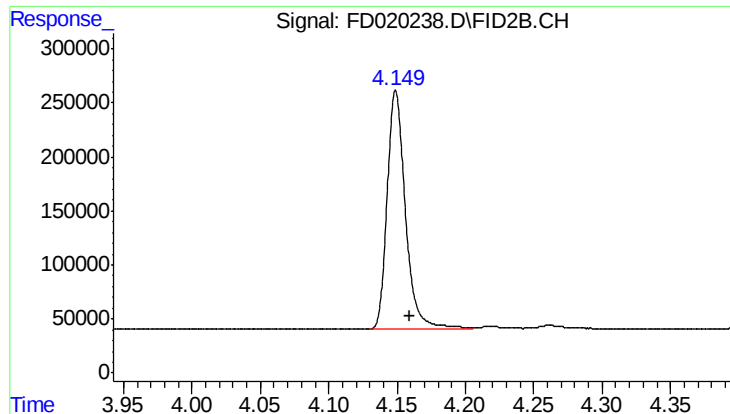
(m)=manual int.

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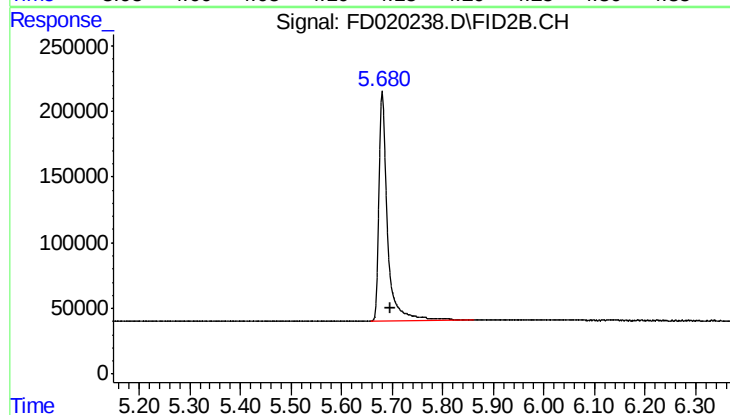
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Signal Info : 20M x 0.18mm x 0.18µm





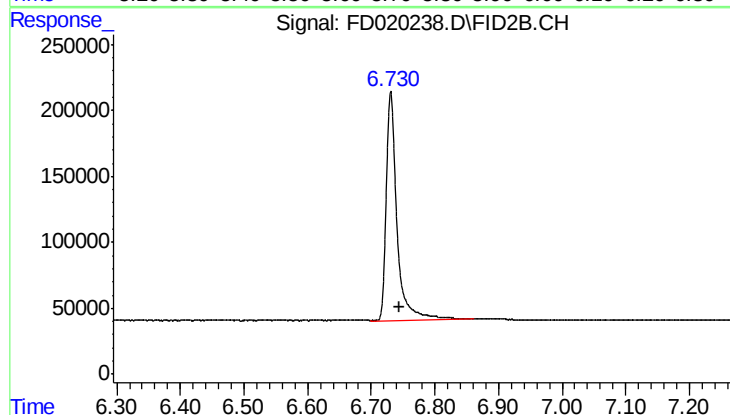
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.010 min
Response: 2054006
Conc: 23.26 ug/ml



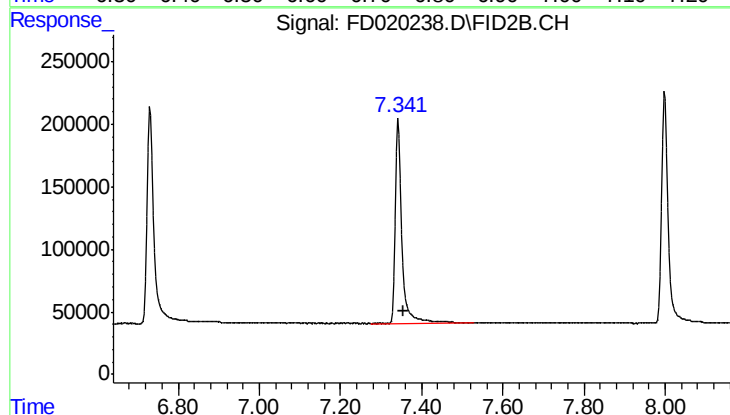
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.016 min
Response: 2034625
Conc: 22.75 ug/ml



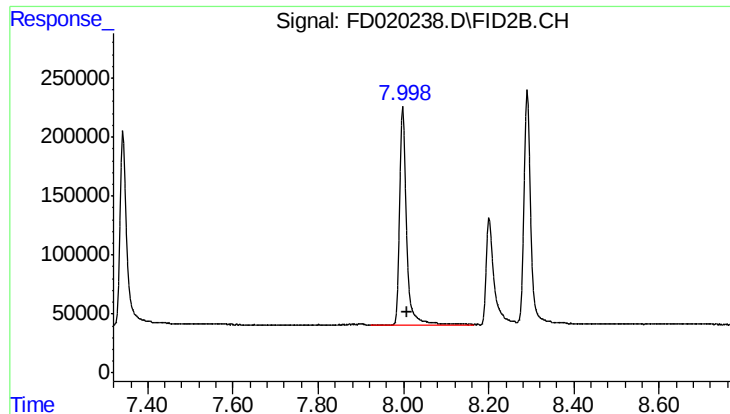
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.015 min
Response: 2029773
Conc: 22.35 ug/ml



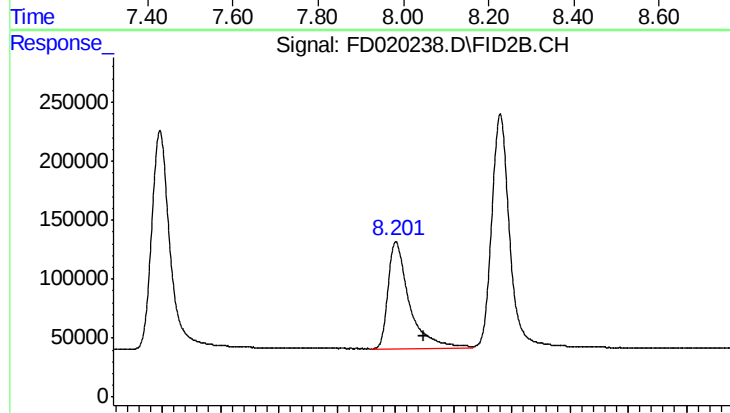
#4 2-Bromonaphthalene (SURR)

R.T.: 7.342 min
Delta R.T.: -0.013 min
Response: 1855069
Conc: 22.14 ug/ml



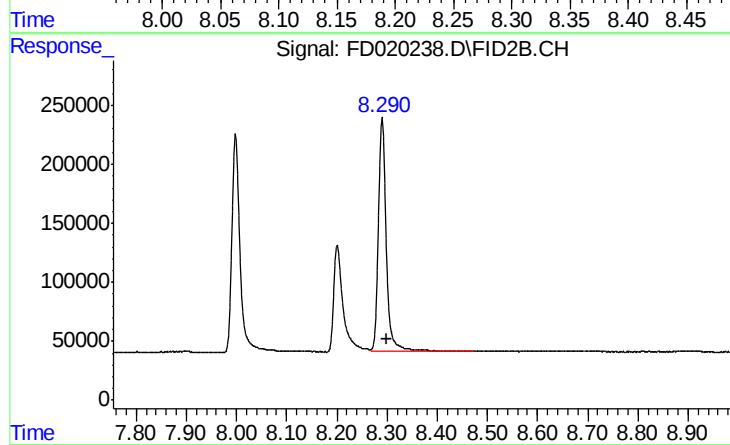
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: -0.010 min
Response: 2075811
Conc: 21.68 ug/ml



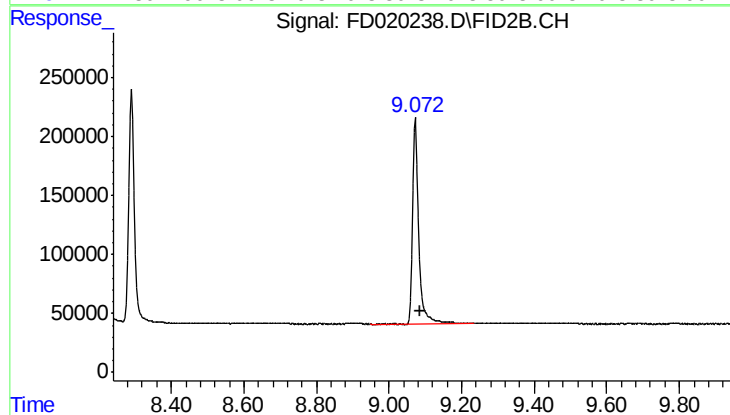
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.024 min
Response: 1166945
Conc: 23.08 ug/ml



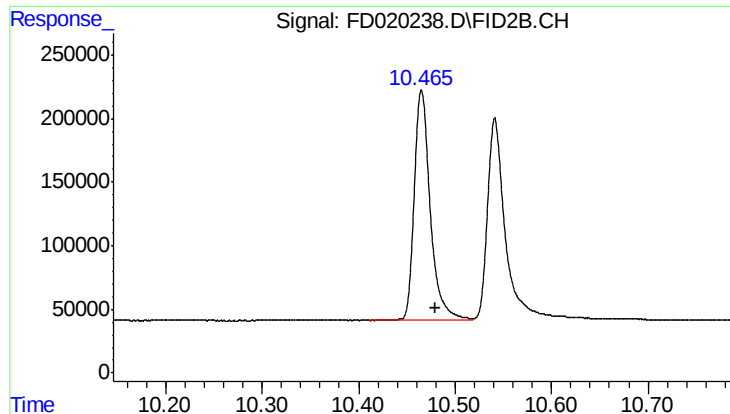
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: -0.008 min
Response: 2193137
Conc: 21.41 ug/ml



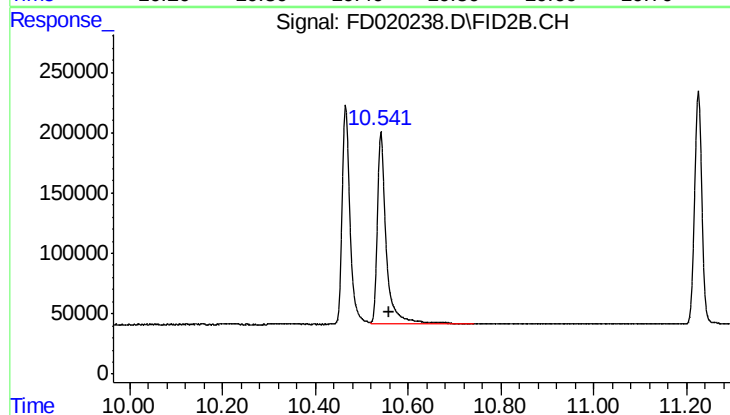
#8 Fluorene (C16.55)

R.T.: 9.072 min
Delta R.T.: -0.015 min
Response: 2032779
Conc: 21.68 ug/ml



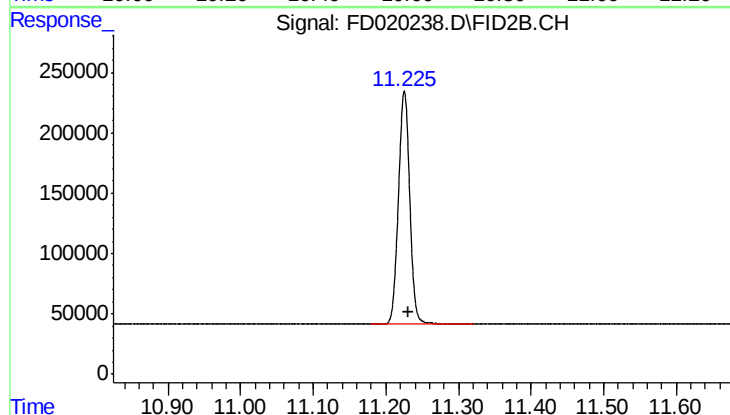
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: -0.015 min
Response: 2107495
Conc: 22.62 ug/ml



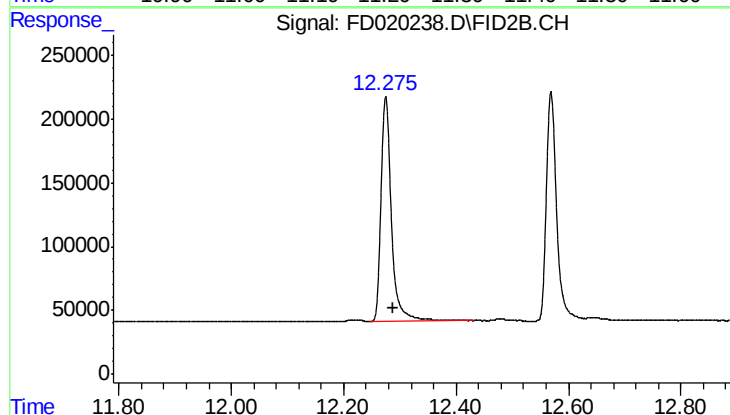
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.018 min
Response: 2116347
Conc: 22.32 ug/ml



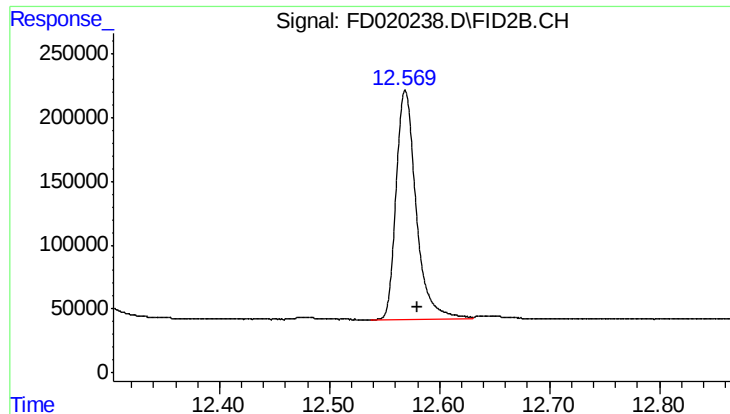
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.005 min
Response: 2099655
Conc: 22.12 ug/ml



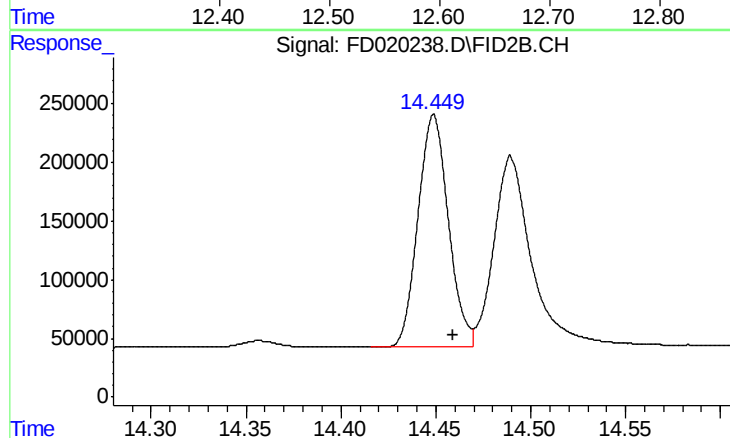
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.013 min
Response: 2262272
Conc: 22.55 ug/ml



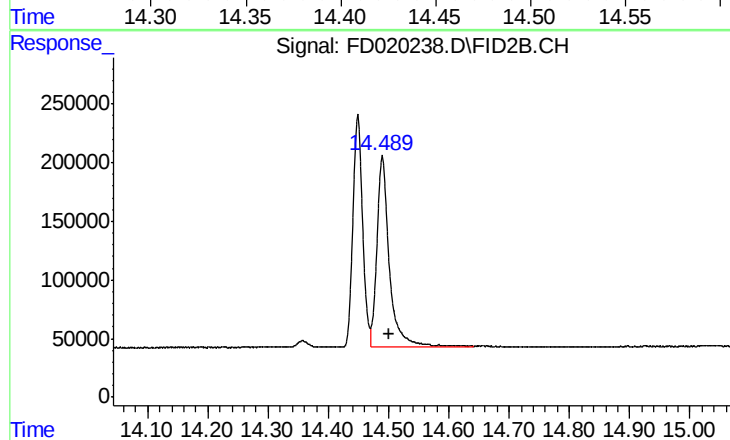
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.011 min
Response: 2273253
Conc: 22.38 ug/ml



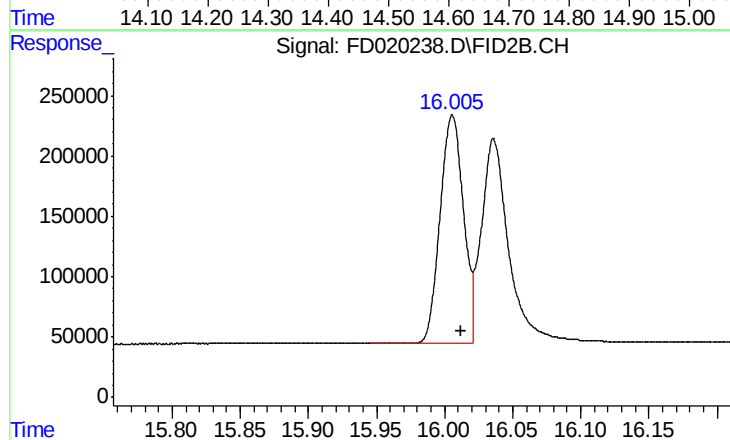
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: -0.010 min
Response: 2200808
Conc: 22.82 ug/ml



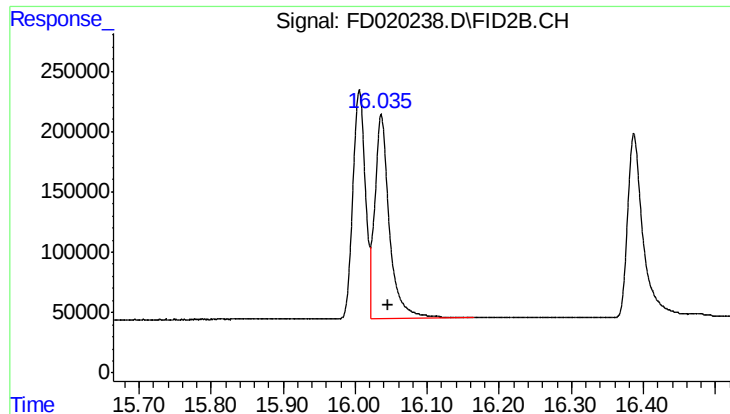
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.011 min
Response: 2325141
Conc: 21.54 ug/ml



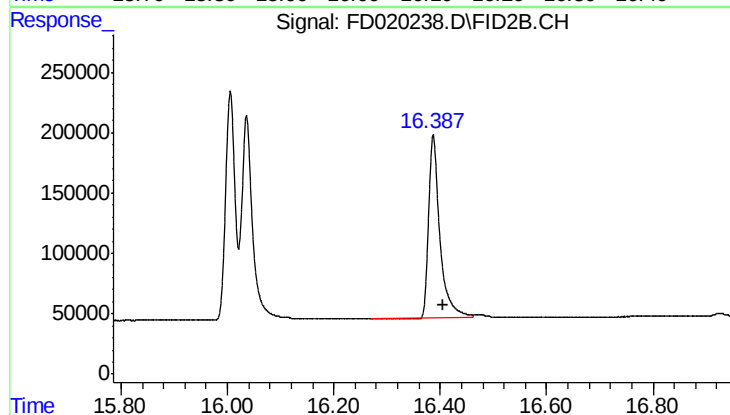
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.006 min
Delta R.T.: -0.006 min
Response: 2255439
Conc: 22.44 ug/ml



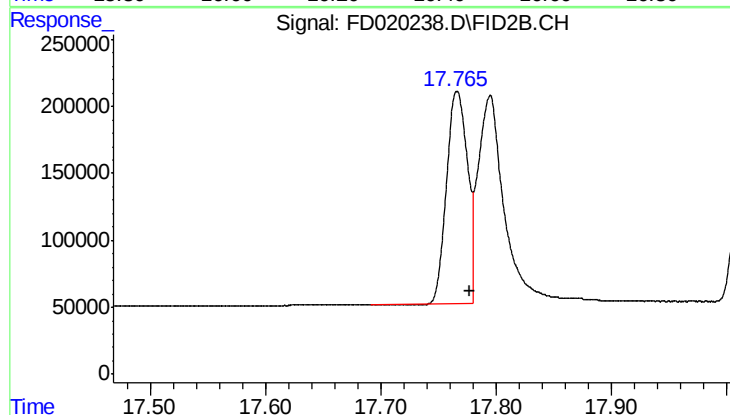
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: -0.010 min
Response: 2395272
Conc: 21.11 ug/ml



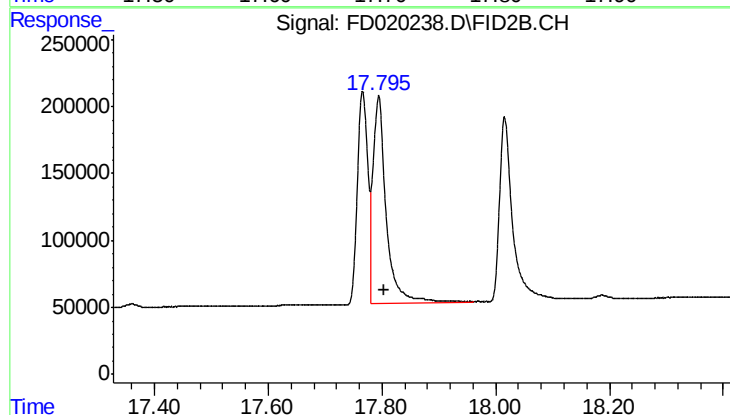
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.017 min
Response: 2241306
Conc: 21.33 ug/ml



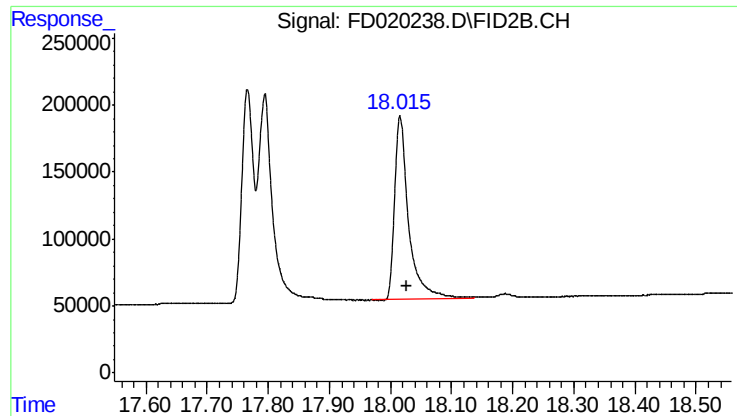
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.766 min
Delta R.T.: -0.011 min
Response: 1998084
Conc: 20.97 ug/ml



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

R.T.: 17.795 min
Delta R.T.: -0.010 min
Response: 2535153
Conc: 22.31 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.012 min
Response: 2179054
Conc: 20.98 ug/ml