

Data Path : P:\HPCHEM1\FID D\Data\FD030218AR\
 Data File : FD020263.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2018 5:12
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 05:55:28 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...	7.340	1844855	22.021 ug/ml
Spiked Amount 50.000		Recovery =	44.04%
6) S 2-Fluorobiphenyl (SURR)	8.199	1189063	23.519 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.04%
11) S ortho-Terphenyl (SURR)	11.225	2164858	22.812 ug/ml
Spiked Amount 50.000		Recovery =	45.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	2005236	22.707 ug/ml
2) T Naphthalene (C11.7)	5.679	2032153	22.718 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	2025183	22.299 ug/ml
5) T Acenaphthylene (C15.06)	7.996	2097216	21.899 ug/ml
7) T Acenaphthene (C15.5)	8.289	2202498	21.500 ug/ml
8) T Fluorene (C16.55)	9.071	2106133	22.462 ug/ml
9) T Phenanthrene (C19.36)	10.463	2191449	23.521 ug/ml
10) T Anthracene (C19.43)	10.539	2208249	23.287 ug/ml
12) T Fluoranthene (C21.85)	12.273	2370836	23.636 ug/ml
13) T Pyrene (C20.8)	12.567	2360594	23.235 ug/ml
14) T Benzo[alanthracene (C...	14.445	2287429	23.721 ug/ml
15) T Chrysene (C27.41)	14.487	2397695	22.215 ug/ml
16) T benzo[blfluoranthene ...	16.002	2340691	23.283 ug/ml
17) T Bnezo[klfluoranthene ...	16.032	2466987	21.740 ug/ml
18) T Benzo[alpyrene (C31.34)	16.382	2306685	21.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.789	2631675	27.622 ug/ml
20) T Dibenz[fa,h]anthracene...	17.789	2631675	23.159 ug/ml
21) T Benzo[ga,h,i]pervlene ...	18.011	2218348	21.358 ug/ml

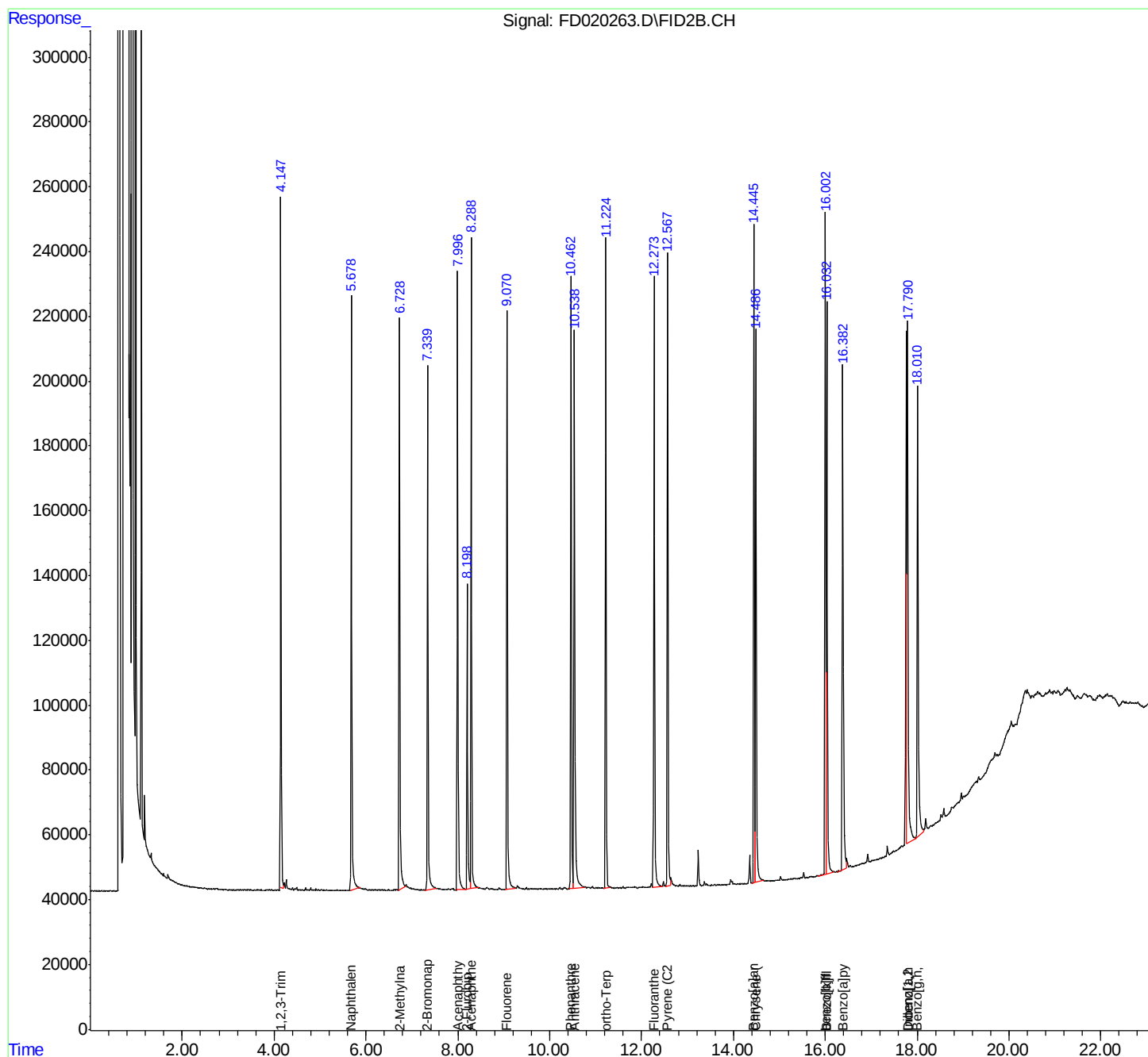
(f)=RT Delta > 1/2 Window

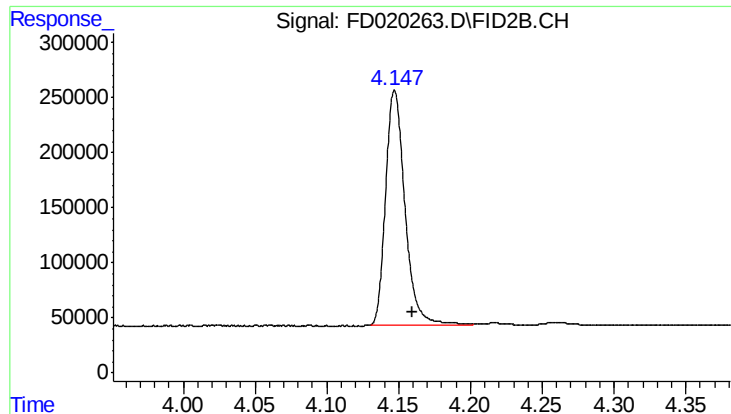
(m)=manual int.

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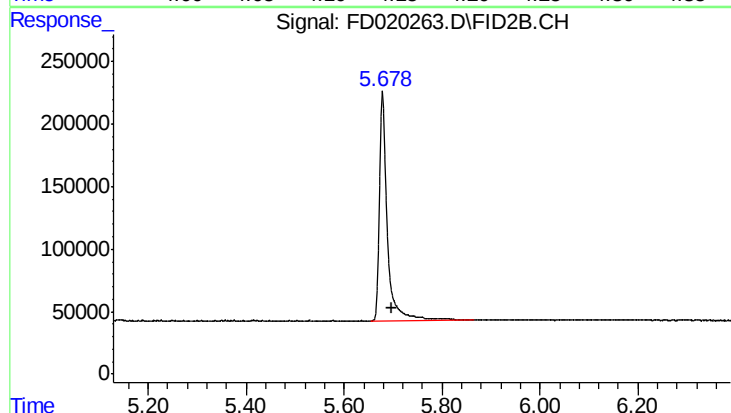
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





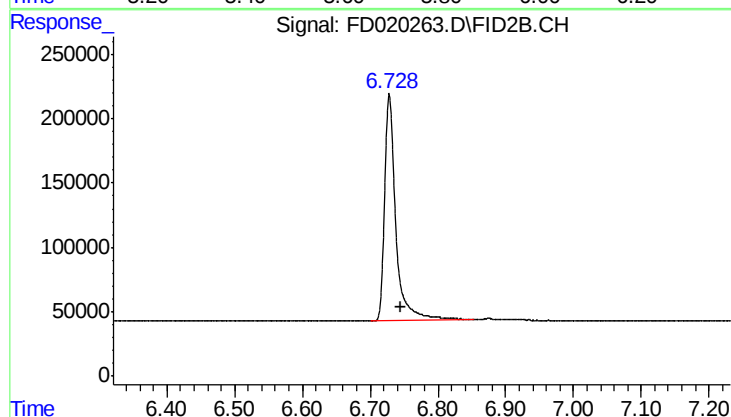
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.012 min
Response: 2005236
Conc: 22.71 ug/ml



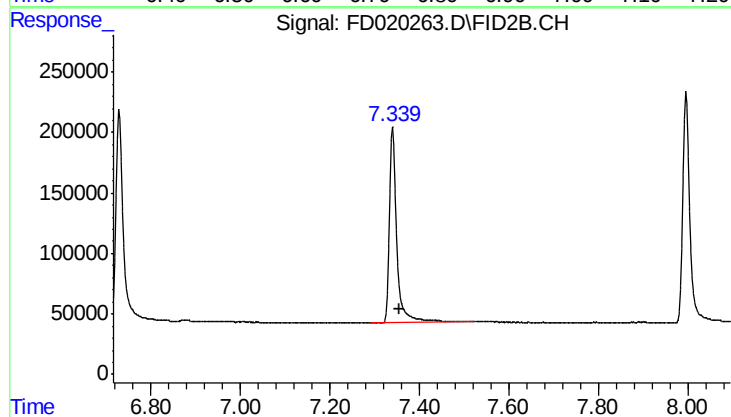
#2 Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.018 min
Response: 2032153
Conc: 22.72 ug/ml



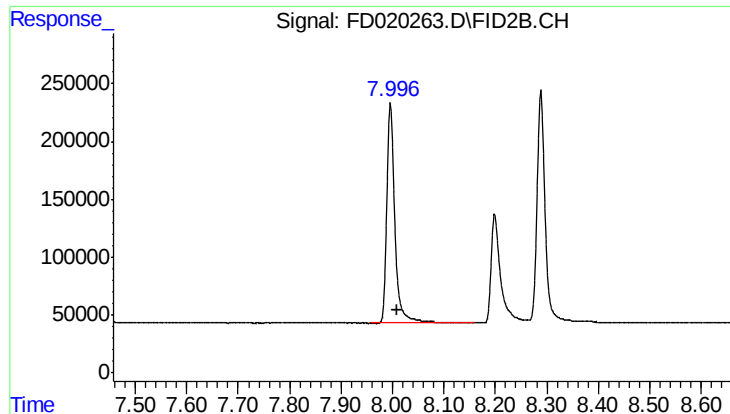
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.017 min
Response: 2025183
Conc: 22.30 ug/ml



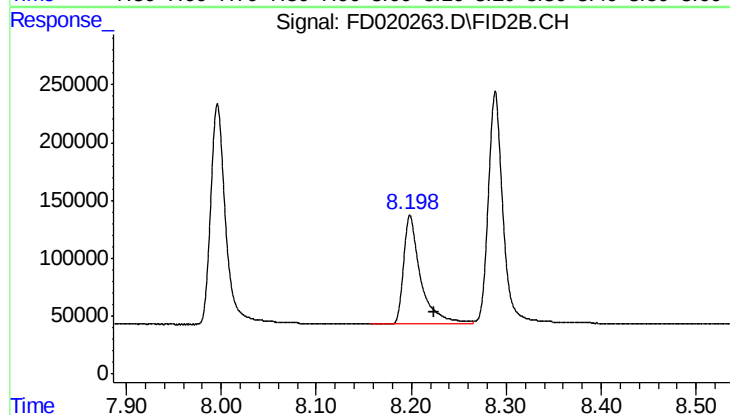
#4 2-Bromonaphthalene (SURR)

R.T.: 7.340 min
Delta R.T.: -0.015 min
Response: 1844855
Conc: 22.02 ug/ml



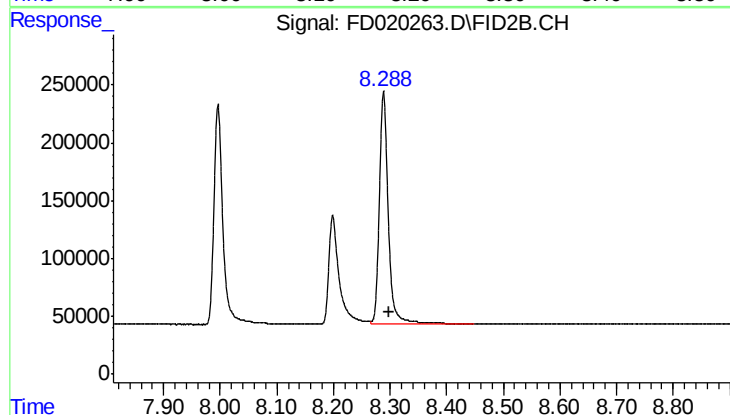
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: -0.013 min
Response: 2097216
Conc: 21.90 ug/ml



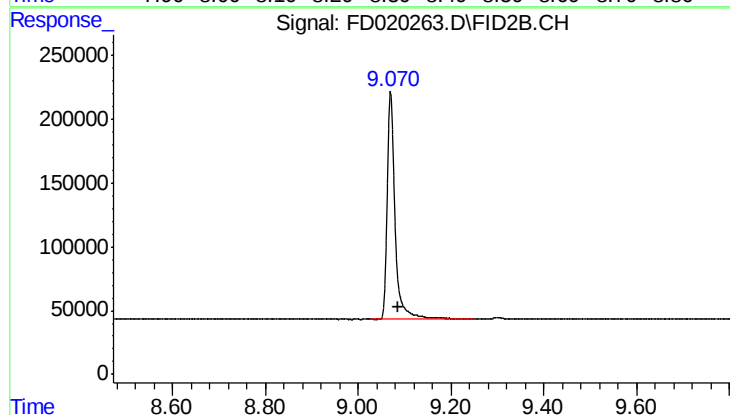
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.026 min
Response: 1189063
Conc: 23.52 ug/ml



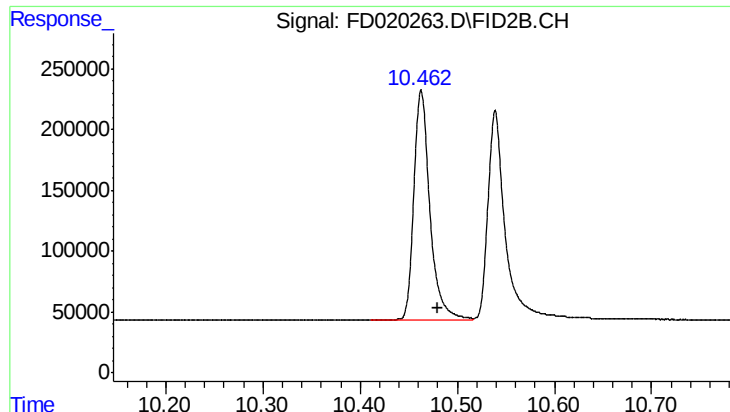
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 2202498
Conc: 21.50 ug/ml



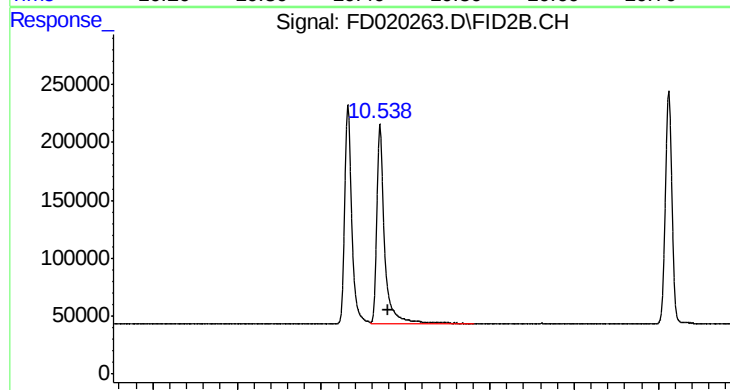
#8 Fluorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.016 min
Response: 2106133
Conc: 22.46 ug/ml



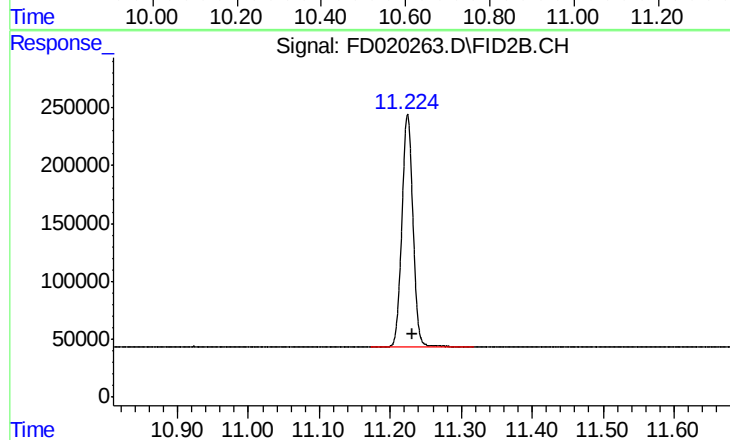
#9 Phenanthrene (C19.36)

R.T.: 10.463 min
Delta R.T.: -0.017 min
Response: 2191449
Conc: 23.52 ug/ml



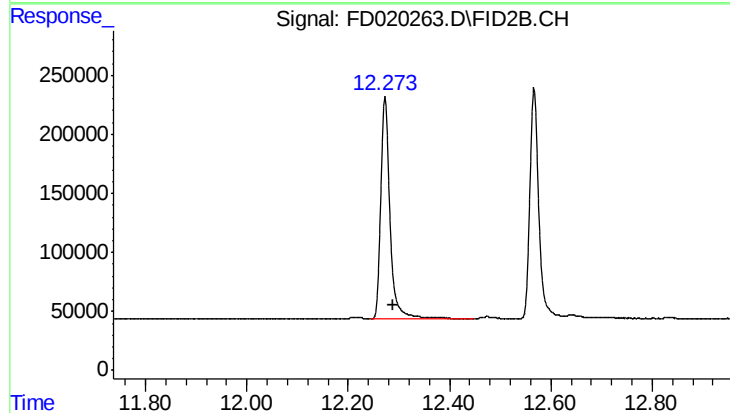
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.020 min
Response: 2208249
Conc: 23.29 ug/ml



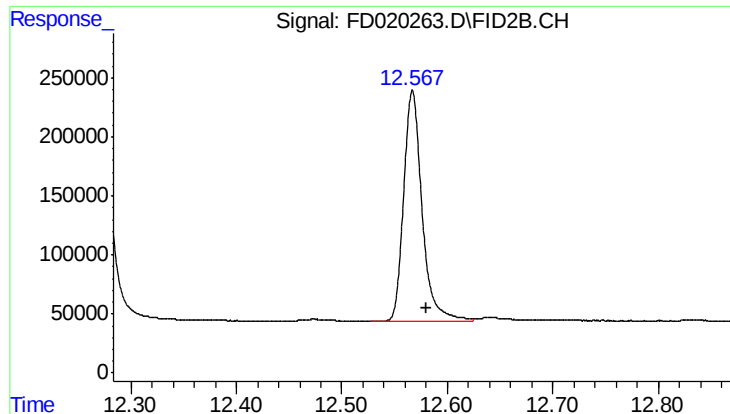
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.006 min
Response: 2164858
Conc: 22.81 ug/ml



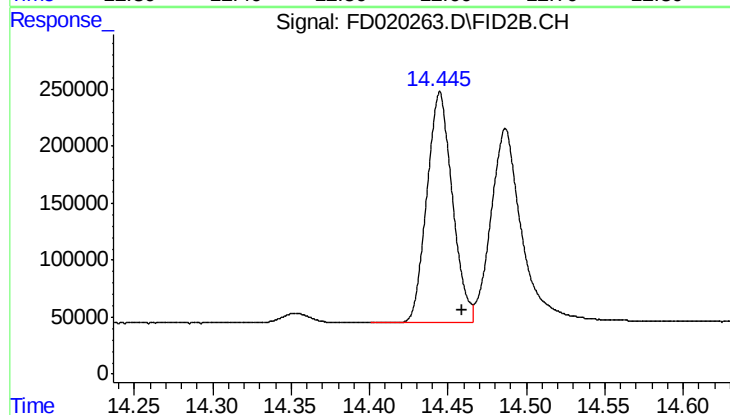
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.015 min
Response: 2370836
Conc: 23.64 ug/ml



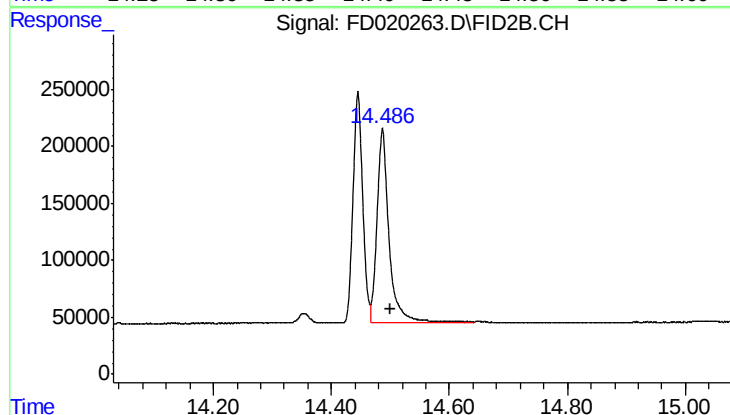
#13 Pyrene (C20.8)

R.T.: 12.567 min
Delta R.T.: -0.013 min
Response: 2360594
Conc: 23.23 ug/ml



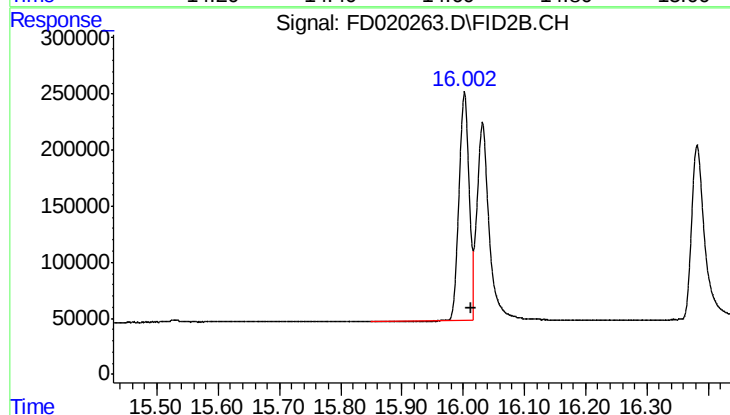
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.014 min
Response: 2287429
Conc: 23.72 ug/ml



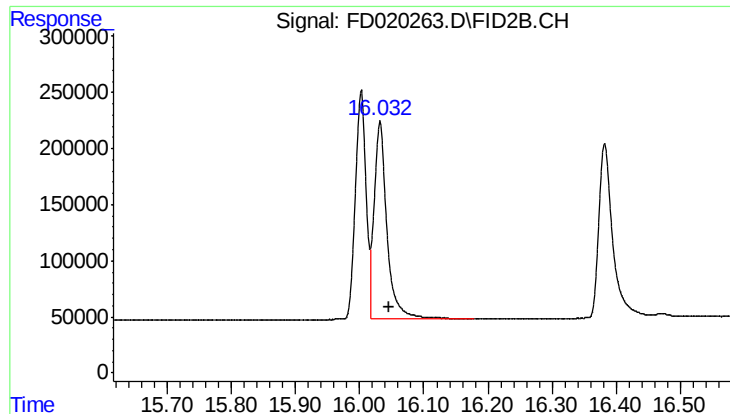
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.014 min
Response: 2397695
Conc: 22.22 ug/ml



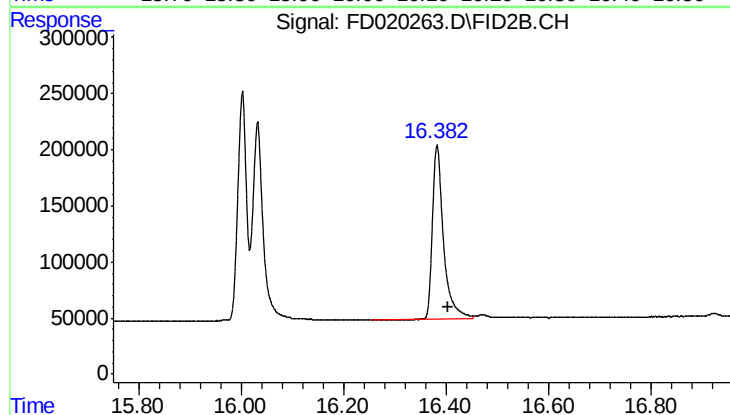
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.002 min
Delta R.T.: -0.010 min
Response: 2340691
Conc: 23.28 ug/ml



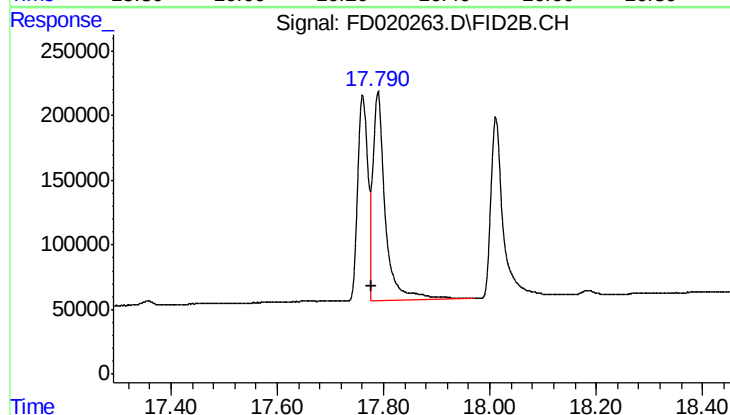
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: -0.014 min
Response: 2466987
Conc: 21.74 ug/ml



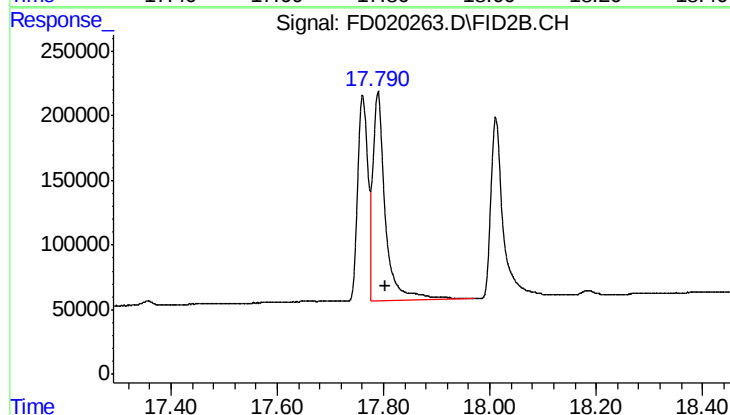
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: -0.022 min
Response: 2306685
Conc: 21.95 ug/ml



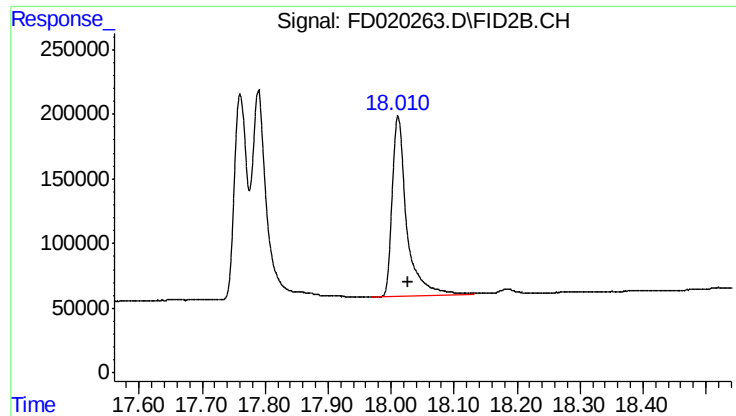
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.789 min
Delta R.T.: 0.012 min
Response: 2631675
Conc: 27.62 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.015 min
Response: 2631675
Conc: 23.16 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.017 min
Response: 2218348
Conc: 21.36 ug/ml