

Data Path : P:\HPCHEM1\FID D\Data\FD030118AR\
 Data File : FD020244.D
 Signal(s) : FID2B.CH
 Acq On : 02 Mar 2018 17:39
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 01:35:39 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	1827241	21.811 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
6) S 2-Fluorobiphenyl (SURR)	8.199	1154029	22.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.65%
11) S ortho-Terphenyl (SURR)	11.226	2086623	21.987 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	2001855	22.669 ug/ml
2) T Naphthalene (C11.7)	5.678	2022606	22.611 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	1977533	21.774 ug/ml
5) T Acenaphthylene (C15.06)	7.995	2052158	21.428 ug/ml
7) T Acenaphthene (C15.5)	8.289	2166450	21.149 ug/ml
8) T Fluorene (C16.55)	9.071	2057555	21.944 ug/ml
9) T Phenanthrene (C19.36)	10.465	2105056	22.593 ug/ml
10) T Anthracene (C19.43)	10.541	2122114	22.379 ug/ml
12) T Fluoranthene (C21.85)	12.275	2286108	22.791 ug/ml
13) T Pyrene (C20.8)	12.569	2283732	22.478 ug/ml
14) T Benzo[alanthracene (C...	14.448	2216400	22.984 ug/ml
15) T Chrysene (C27.41)	14.489	2359288	21.859 ug/ml
16) T benzo[b]fluoranthene ...	16.005	2282463	22.704 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	2410895	21.246 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	2257497	21.481 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.764	2008768	21.084 ug/ml
20) T Dibenz[fa,h]anthracene...	17.794	2575539	22.665 ug/ml
21) T Benzo[ghi]perylene ...	18.015	2179554	20.985 ug/ml

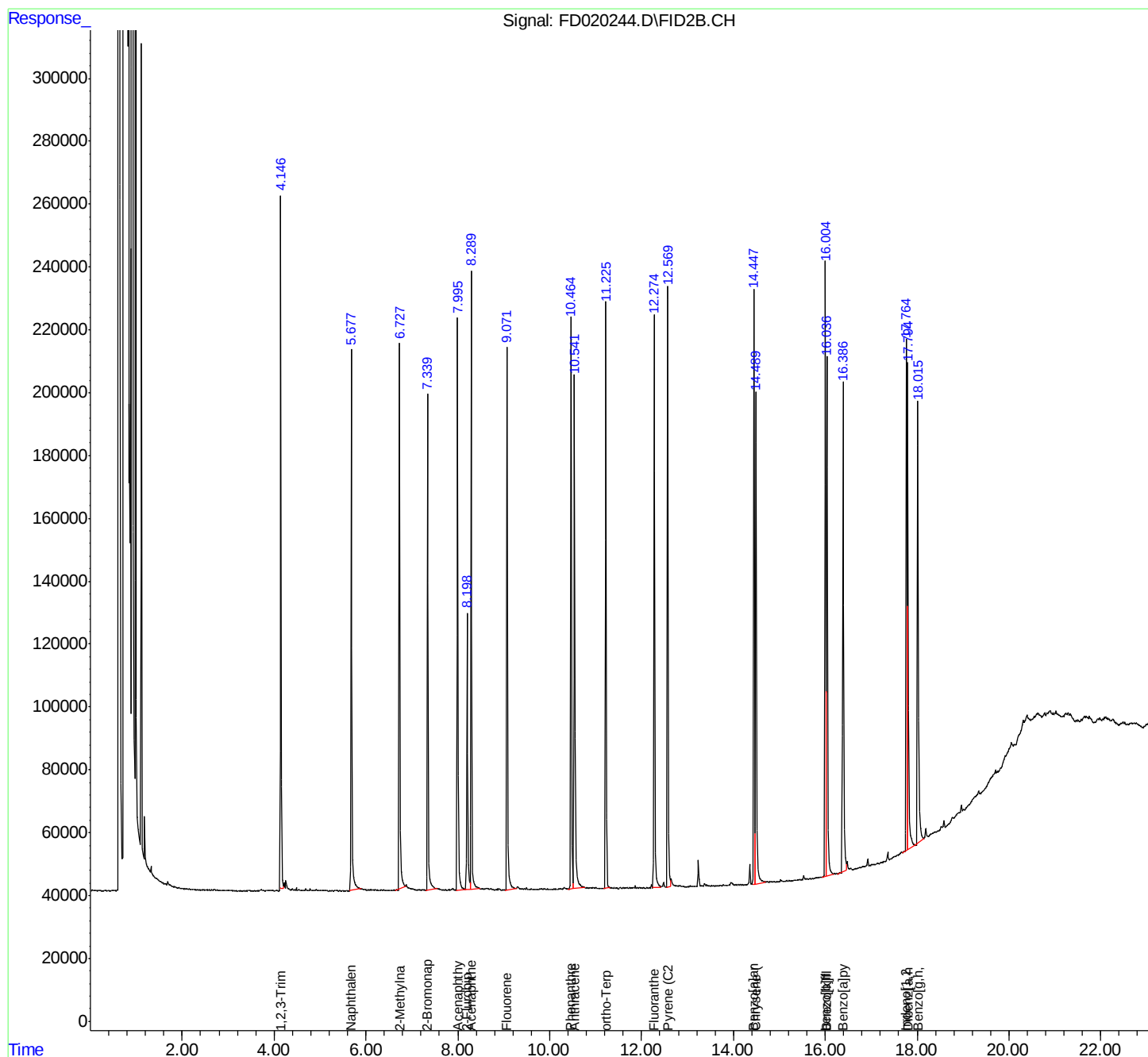
(f)=RT Delta > 1/2 Window

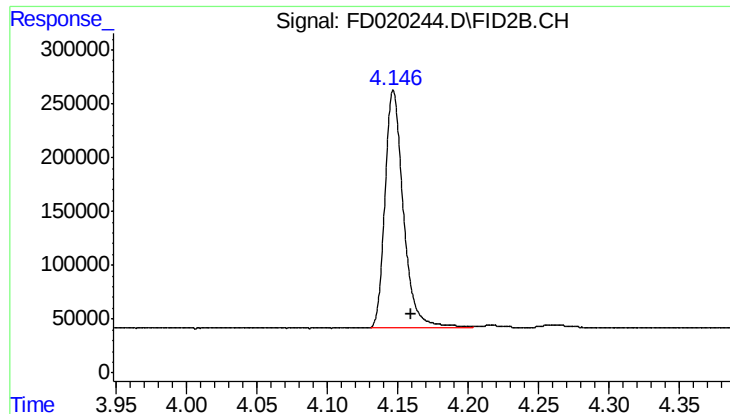
(m)=manual int.

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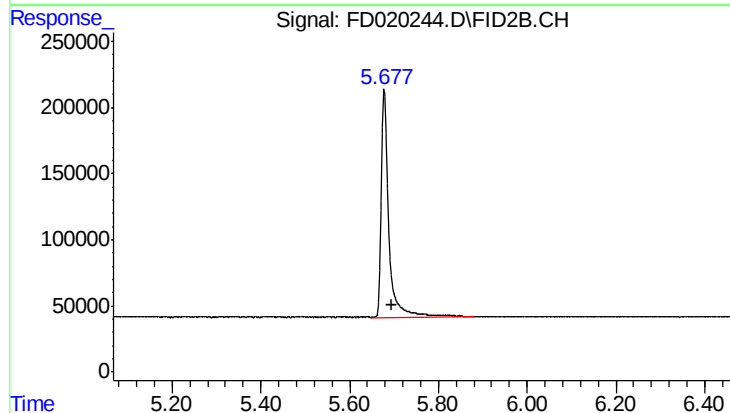
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





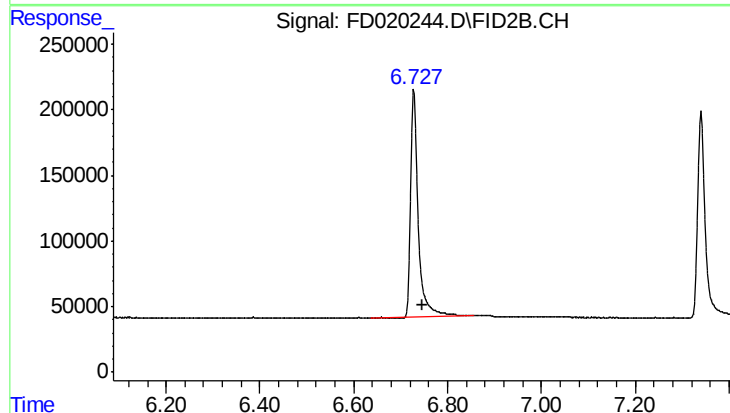
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.013 min
Response: 2001855
Conc: 22.67 ug/ml



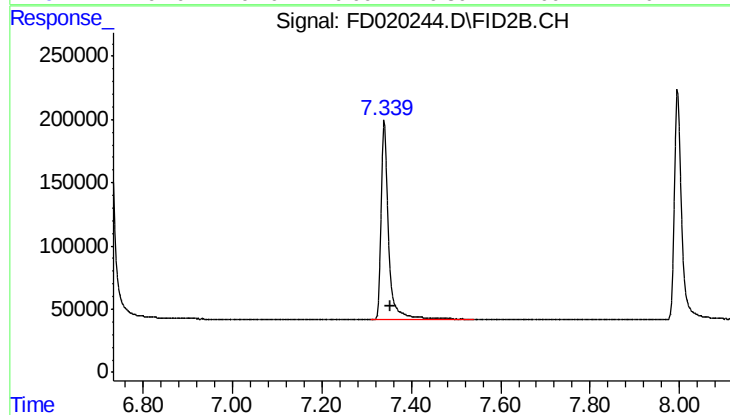
#2 Naphthalene (C11.7)

R.T.: 5.678 min
Delta R.T.: -0.018 min
Response: 2022606
Conc: 22.61 ug/ml



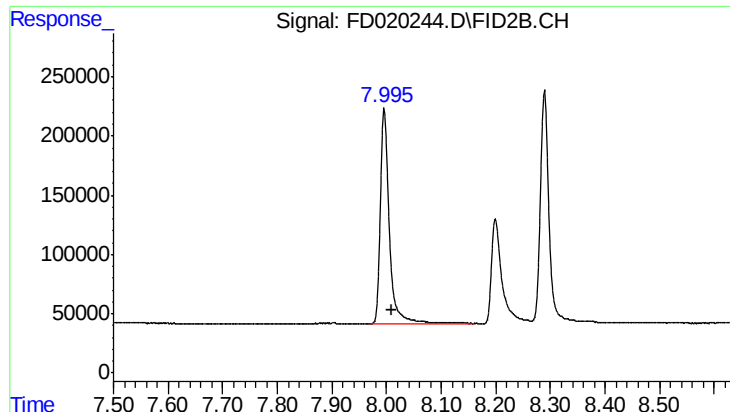
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.018 min
Response: 1977533
Conc: 21.77 ug/ml



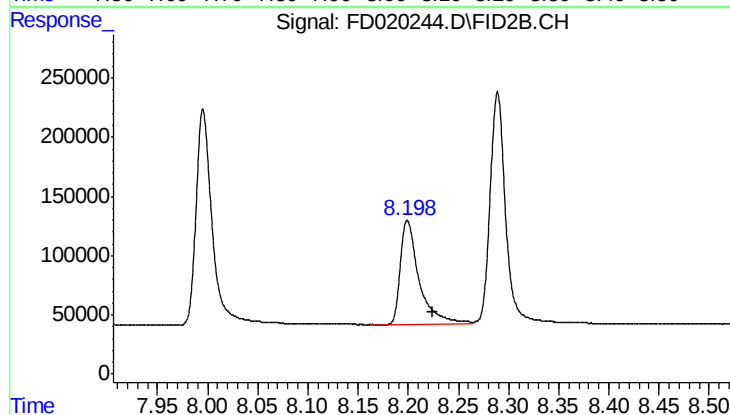
#4 2-Bromonaphthalene (SURR)

R.T.: 7.340 min
Delta R.T.: -0.015 min
Response: 1827241
Conc: 21.81 ug/ml



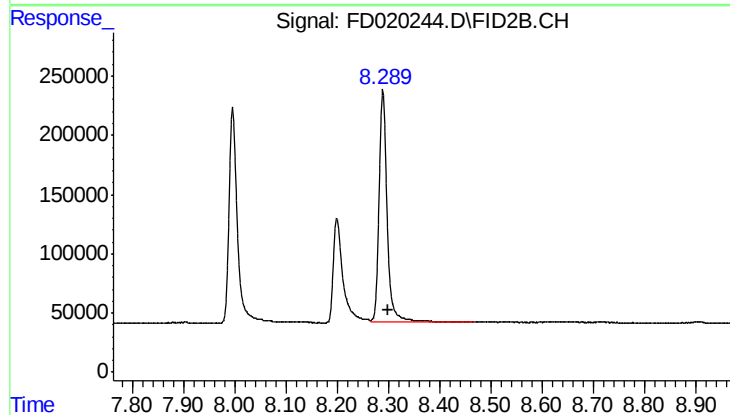
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.013 min
Response: 2052158
Conc: 21.43 ug/ml



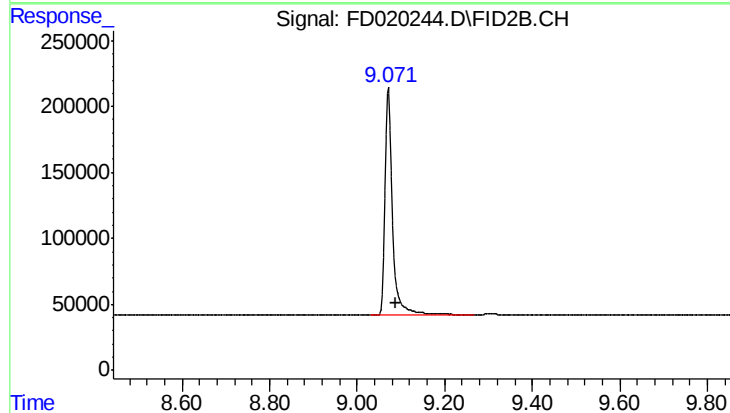
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.025 min
Response: 1154029
Conc: 22.83 ug/ml



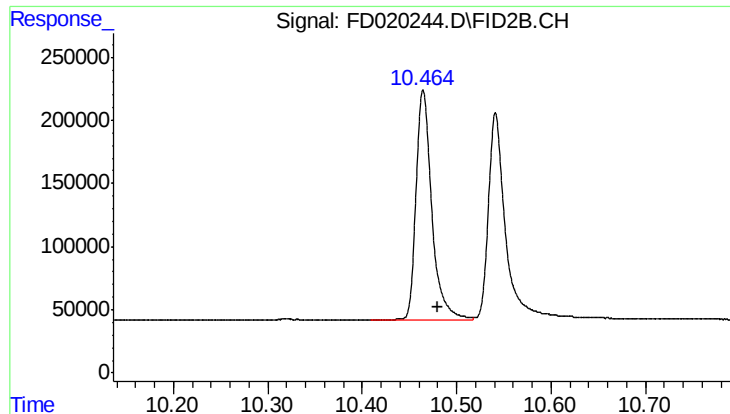
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 2166450
Conc: 21.15 ug/ml



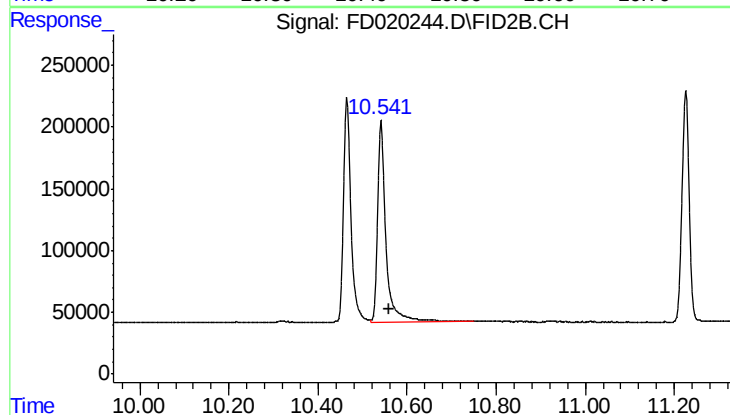
#8 Fluorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.016 min
Response: 2057555
Conc: 21.94 ug/ml



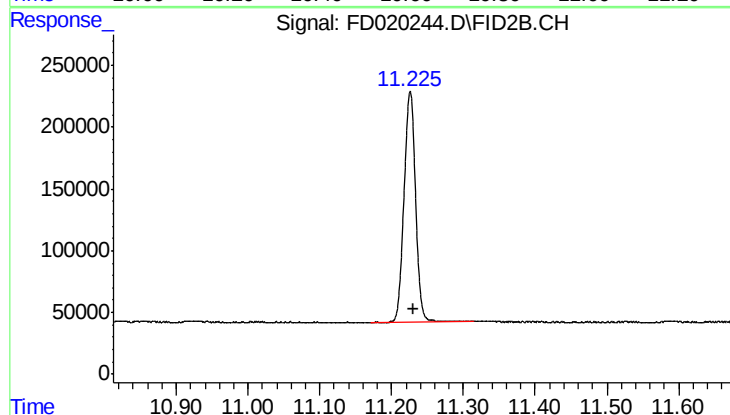
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: -0.015 min
Response: 2105056
Conc: 22.59 ug/ml



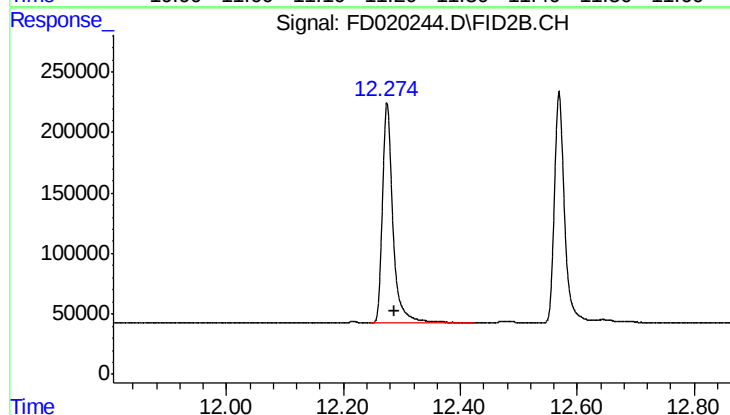
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.018 min
Response: 2122114
Conc: 22.38 ug/ml



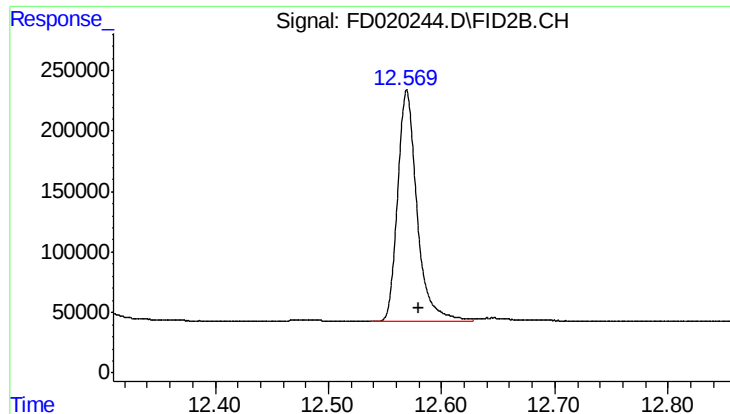
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 2086623
Conc: 21.99 ug/ml



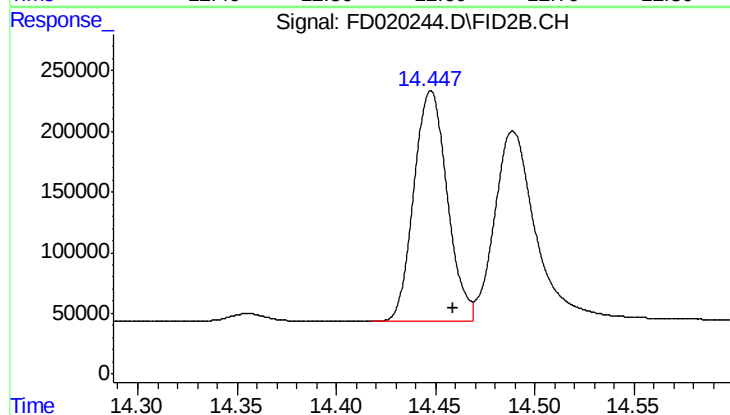
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.013 min
Response: 2286108
Conc: 22.79 ug/ml



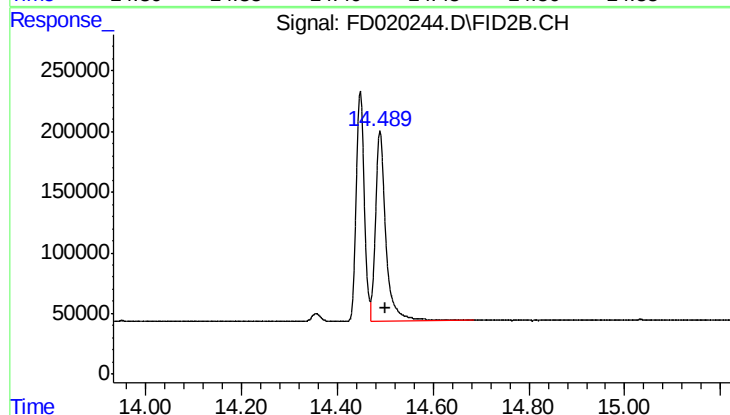
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.011 min
Response: 2283732
Conc: 22.48 ug/ml



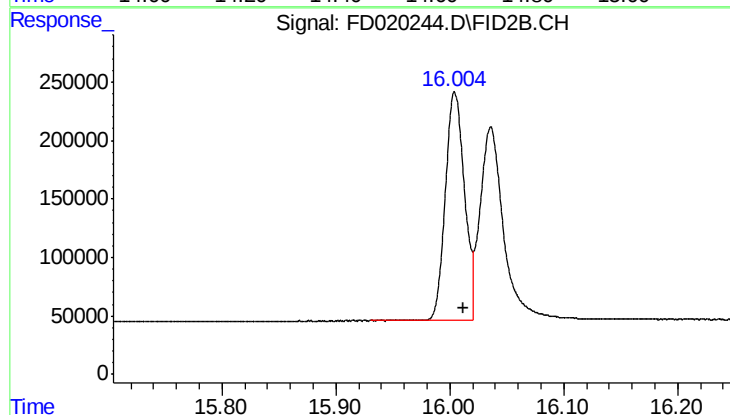
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: -0.011 min
Response: 2216400
Conc: 22.98 ug/ml



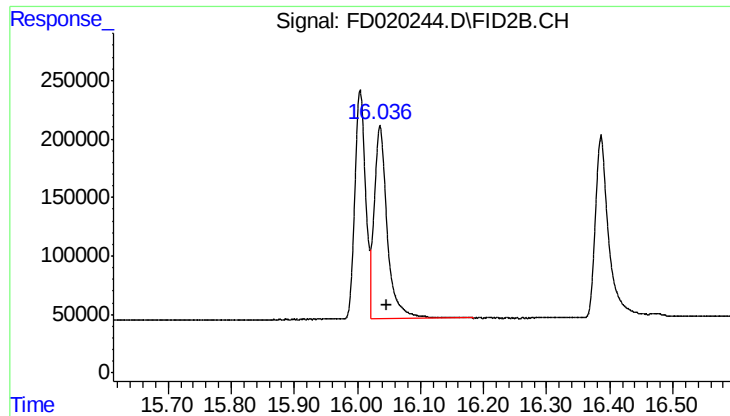
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.011 min
Response: 2359288
Conc: 21.86 ug/ml



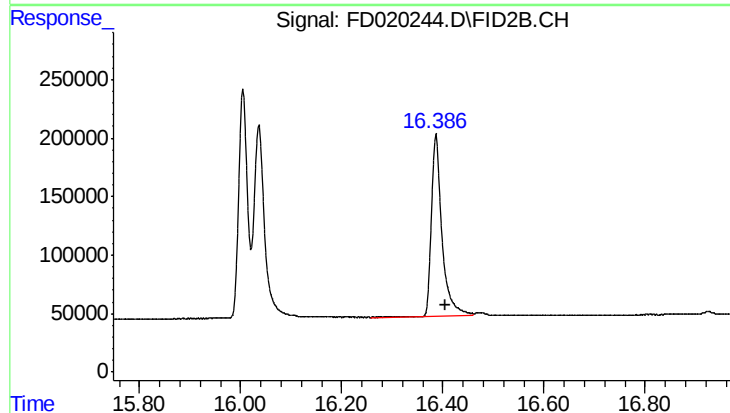
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min
Delta R.T.: -0.008 min
Response: 2282463
Conc: 22.70 ug/ml



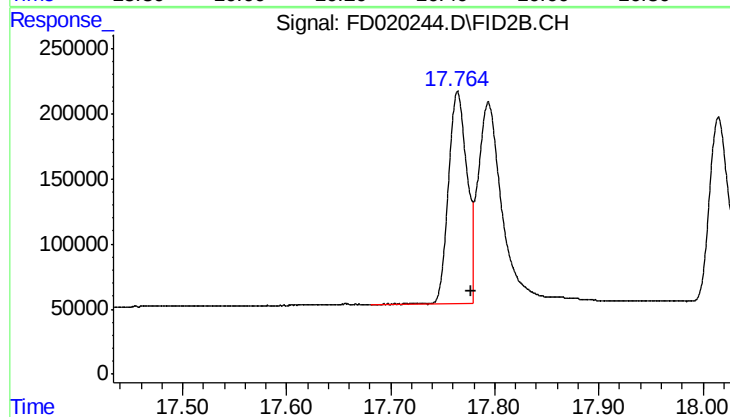
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: -0.010 min
Response: 2410895
Conc: 21.25 ug/ml



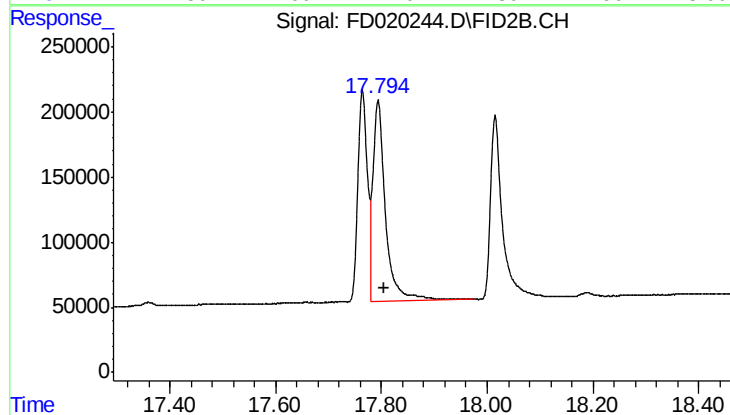
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.018 min
Response: 2257497
Conc: 21.48 ug/ml



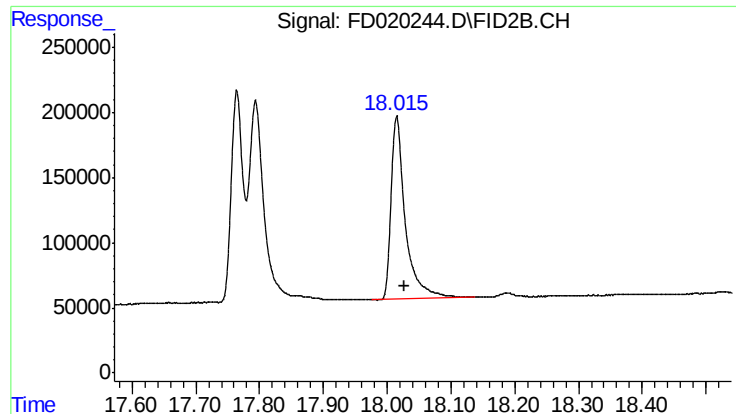
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.764 min
Delta R.T.: -0.013 min
Response: 2008768
Conc: 21.08 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 2575539
Conc: 22.66 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.013 min
Response: 2179554
Conc: 20.98 ug/ml