

Data Path : P:\HPCHEM1\FID_D\Data\FD042118AR\
 Data File : FD023190.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2018 9:08
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 23 00:45:01 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.289	2500846	18.440 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
6) S 2-Fluorobiphenyl (SURR)	8.153	1387771	19.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.95%
11) S ortho-Terphenyl (SURR)	11.163	2682209	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.099	2664528	19.115 ug/ml
2) T Naphthalene (C11.7)	5.629	2631469	19.226 ug/ml
3) T 2-Methylnaphthalene (...)	6.678	2576224	18.873 ug/ml
5) T Acenaphthylene (C15.06)	7.942	2740648	18.751 ug/ml
7) T Acenaphthene (C15.5)	8.233	3049238	18.050 ug/ml
8) T Flouorene (C16.55)	9.018	2660214	18.577 ug/ml
9) T Phenanthrene (C19.36)	10.410	2612312	19.682 ug/ml
10) T Anthracene (C19.43)	10.490	2627182	18.776 ug/ml
12) T Fluoranthene (C21.85)	12.219	2756053	20.065 ug/ml
13) T Pyrene (C20.8)	12.511	2816201	19.951 ug/ml
14) T Benzo[a]anthracene (C...	14.432	3019269	24.303 ug/ml
15) T Chrysene (C27.41)	14.432	3019269	19.502 ug/ml
16) T benzo[b]fluoranthene ...	15.979	3200457	23.742 ug/ml
17) T Bnezo[k]fluoranthene ...	15.979	3200457	19.396 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.333	2878536	19.968 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.736	3444316	26.542 ug/ml
20) T Dibenz[a,h]anthracene...	17.736	3444316	20.706 ug/ml
21) T Benzo[g,h,i]perylene ...	17.957	2895154	19.533 ug/ml

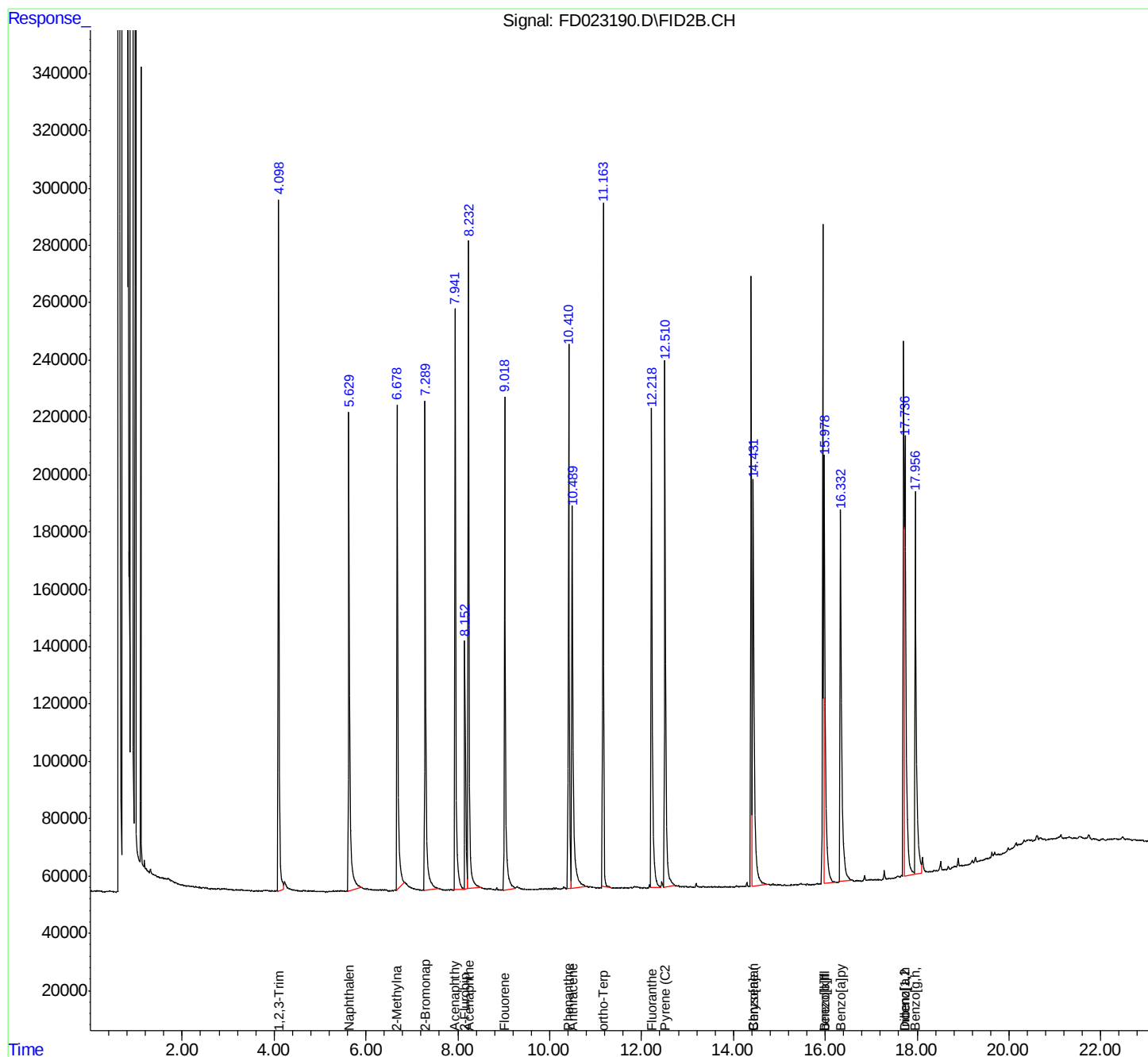
(f)=RT Delta > 1/2 Window

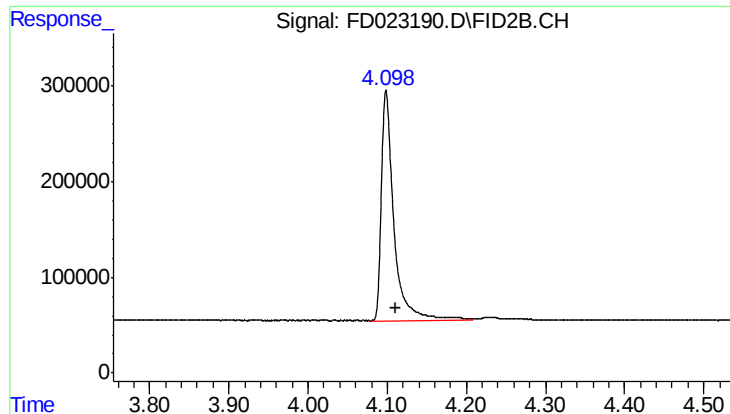
(m)=manual int.

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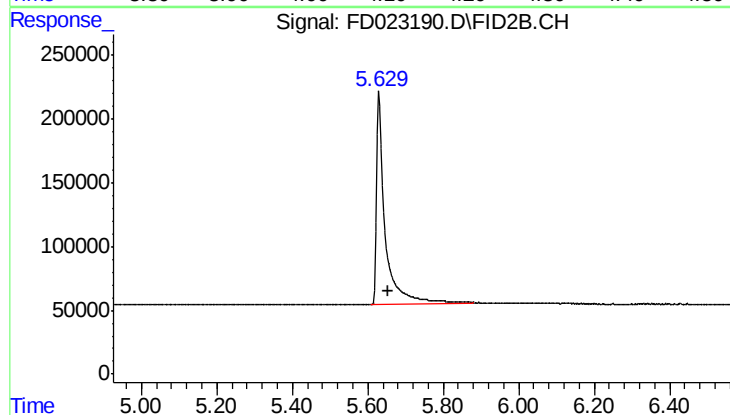
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





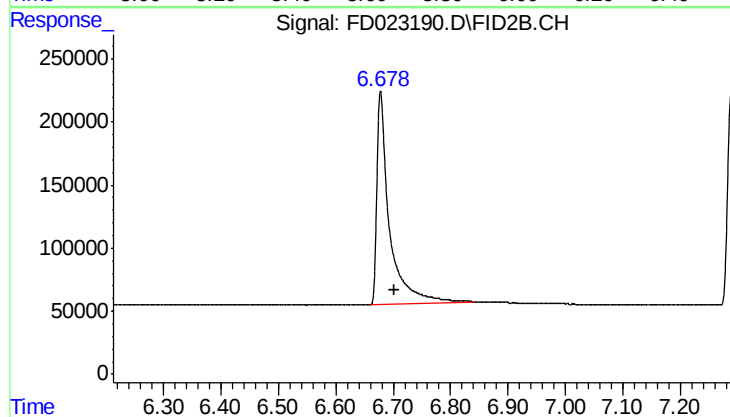
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.099 min
Delta R.T.: -0.012 min
Response: 2664528
Conc: 19.12 ug/ml



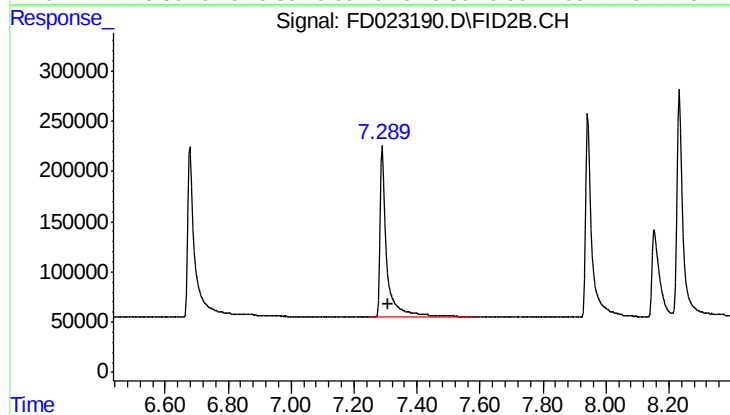
#2 Naphthalene (C11.7)

R.T.: 5.629 min
Delta R.T.: -0.024 min
Response: 2631469
Conc: 19.23 ug/ml



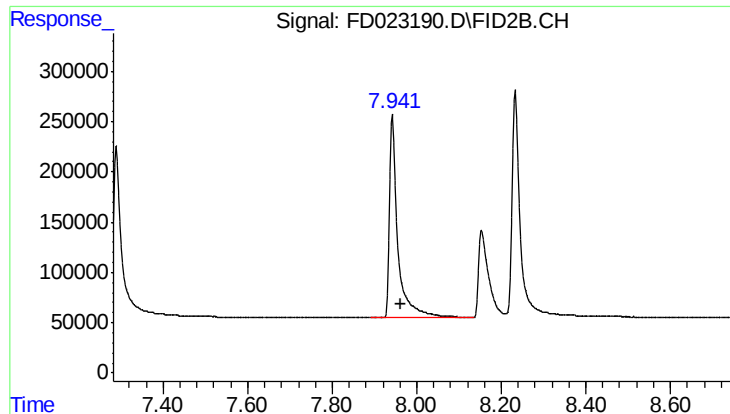
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.678 min
Delta R.T.: -0.024 min
Response: 2576224
Conc: 18.87 ug/ml



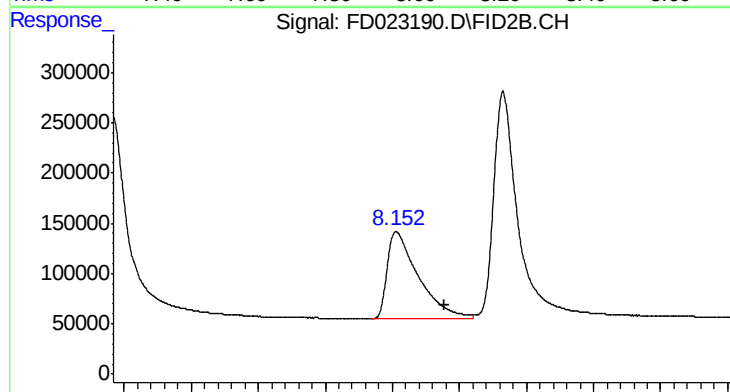
#4 2-Bromonaphthalene (SURR)

R.T.: 7.289 min
Delta R.T.: -0.020 min
Response: 2500846
Conc: 18.44 ug/ml



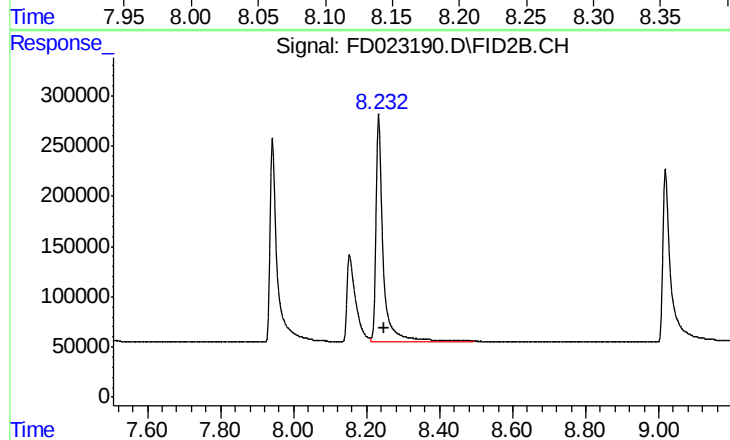
#5 Acenaphthylene (C15.06)

R.T.: 7.942 min
Delta R.T.: -0.020 min
Response: 2740648
Conc: 18.75 ug/ml



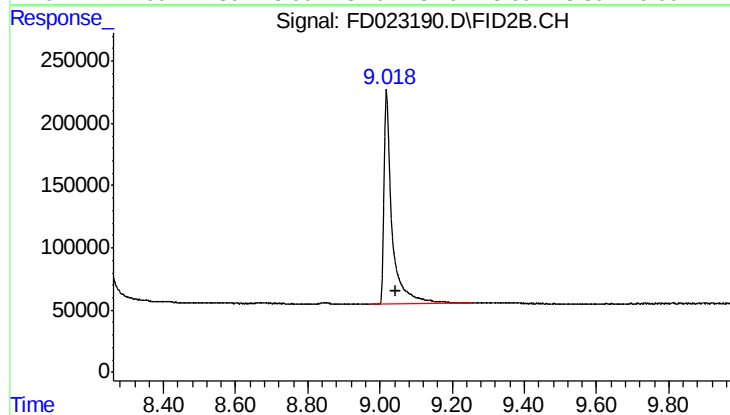
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.153 min
Delta R.T.: -0.035 min
Response: 1387771
Conc: 19.47 ug/ml



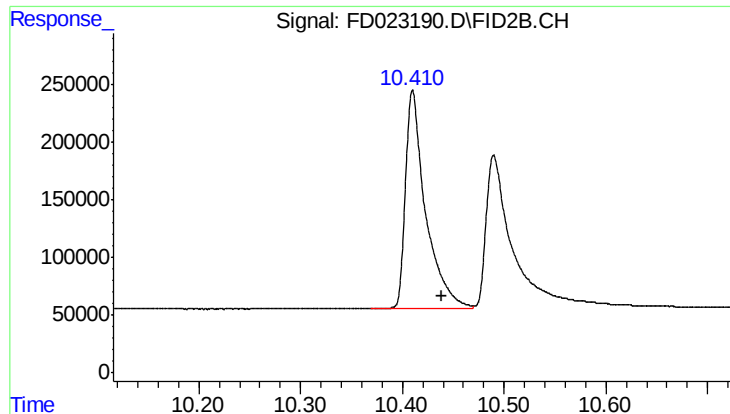
#7 Acenaphthene (C15.5)

R.T.: 8.233 min
Delta R.T.: -0.016 min
Response: 3049238
Conc: 18.05 ug/ml



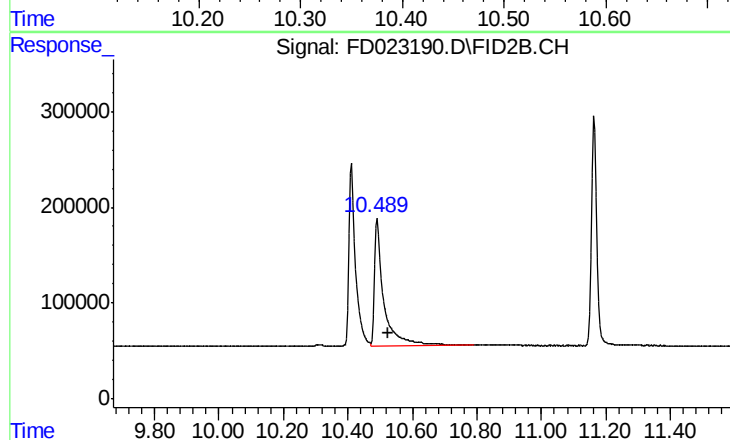
#8 Fluorene (C16.55)

R.T.: 9.018 min
Delta R.T.: -0.026 min
Response: 2660214
Conc: 18.58 ug/ml



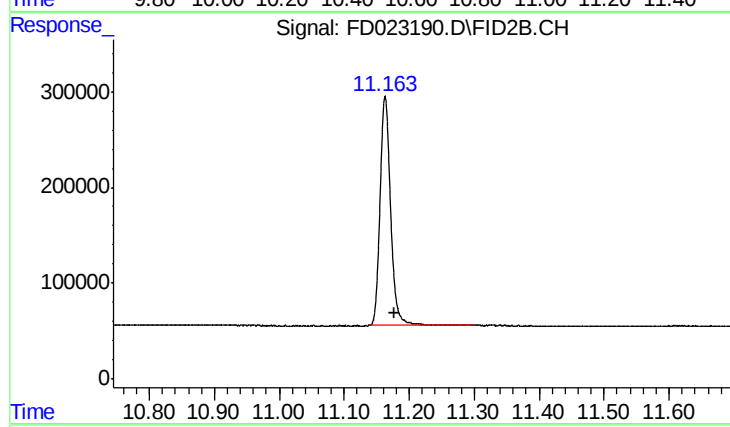
#9 Phenanthrene (C19.36)

R.T.: 10.410 min
Delta R.T.: -0.029 min
Response: 2612312
Conc: 19.68 ug/ml



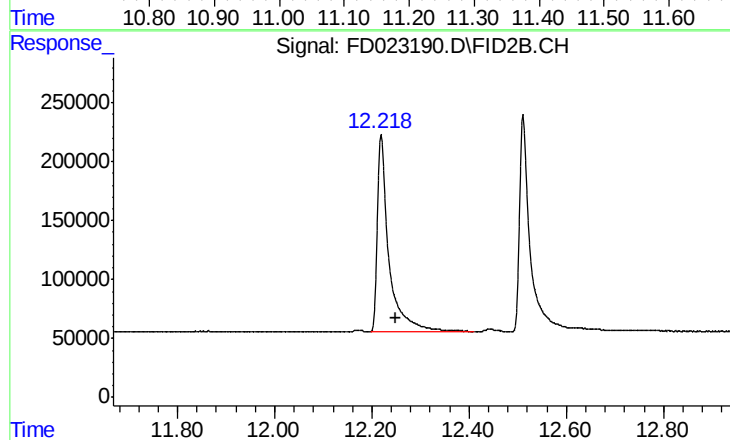
#10 Anthracene (C19.43)

R.T.: 10.490 min
Delta R.T.: -0.033 min
Response: 2627182
Conc: 18.78 ug/ml



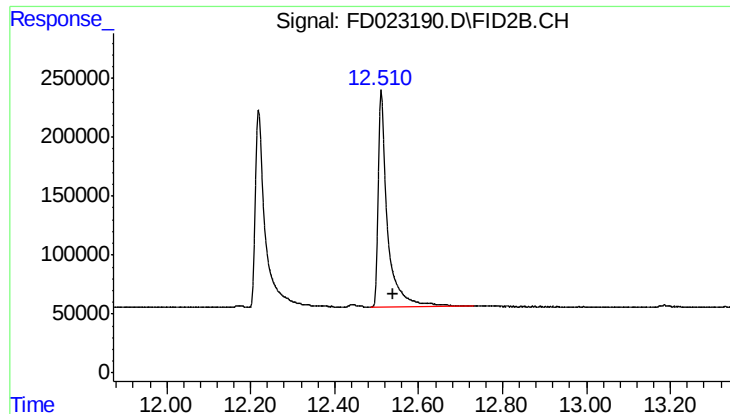
#11 ortho-Terphenyl (SURR)

R.T.: 11.163 min
Delta R.T.: -0.014 min
Response: 2682209
Conc: 19.19 ug/ml



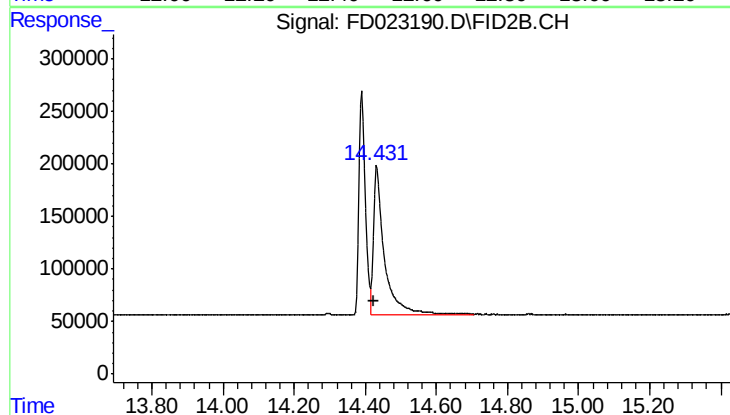
#12 Fluoranthene (C21.85)

R.T.: 12.219 min
Delta R.T.: -0.030 min
Response: 2756053
Conc: 20.06 ug/ml



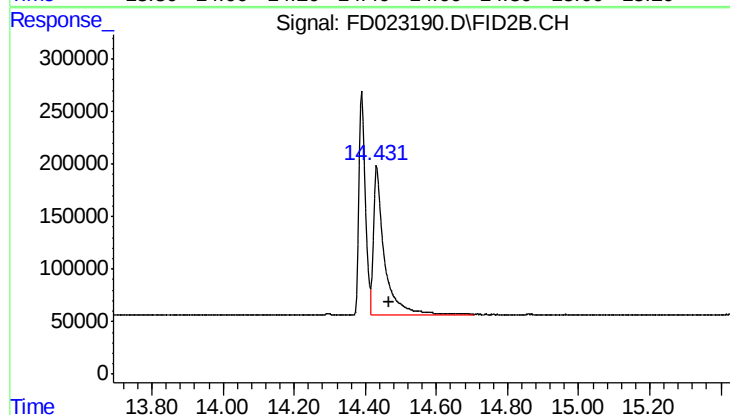
#13 Pyrene (C20.8)

R.T.: 12.511 min
Delta R.T.: -0.030 min
Response: 2816201
Conc: 19.95 ug/ml



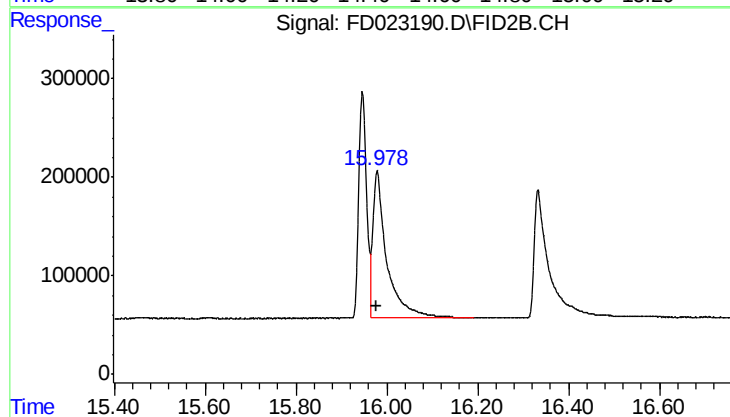
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.009 min
Response: 3019269
Conc: 24.30 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.432 min
Delta R.T.: -0.034 min
Response: 3019269
Conc: 19.50 ug/ml



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

R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 3200457
Conc: 23.74 ug/ml