

Data Path : P:\HPCHEM1\FID D\Data\FD032718AR\
 Data File : FD022664.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2018 20:36
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 02:13:12 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.319	1587795	18.355 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
6) S 2-Fluorobiphenyl (SURR)	8.180	994202	18.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.64%
11) S ortho-Terphenyl (SURR)	11.196	1979448	18.623 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.128	1629943	16.735 ug/ml
2) T Naphthalene (C11.7)	5.659	1662418	17.902 ug/ml
3) T 2-Methylnaphthalene (...)	6.708	1653039	17.983 ug/ml
5) T Acenaphthylene (C15.06)	7.972	1878004	18.623 ug/ml
7) T Acenaphthene (C15.5)	8.264	2066653	18.806 ug/ml
8) T Fluorene (C16.55)	9.047	1908658	18.951 ug/ml
9) T Phenanthrene (C19.36)	10.439	1970944	18.728 ug/ml
10) T Anthracene (C19.43)	10.517	1985764	18.507 ug/ml
12) T Fluoranthene (C21.85)	12.249	2091901	18.455 ug/ml
13) T Pyrene (C20.8)	12.542	2086444	18.593 ug/ml
14) T Benzo[alanthracene (C...	14.420	1892506	18.326 ug/ml
15) T Chrysene (C27.41)	14.461	2143767	18.464 ug/ml
16) T benzo[blfluoranthene ...	15.977	1873363	18.030 ug/ml
17) T Bnezo[klfluoranthene ...	16.009	2252979	18.587 ug/ml
18) T Benzo[alpyrene (C31.34)	16.362	1975167	18.549 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	2275962	33.989 ug/ml
20) T Dibenz[fa,h]anthracene...	17.770	2275962	18.728 ug/ml
21) T Benzo[fa,h,ilpervlene ...	17.996	1367059	16.578 ug/ml

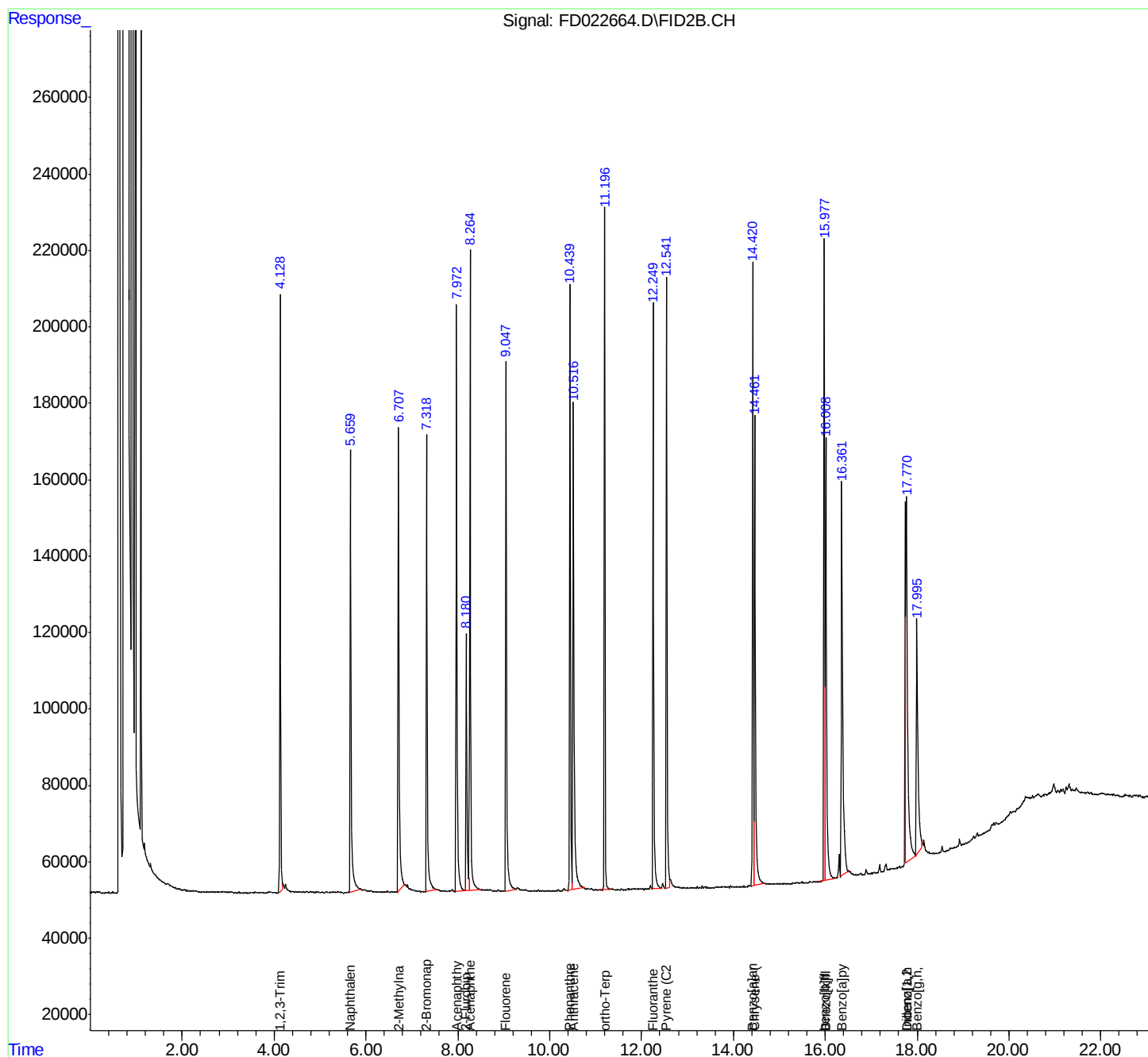
(f)=RT Delta > 1/2 Window

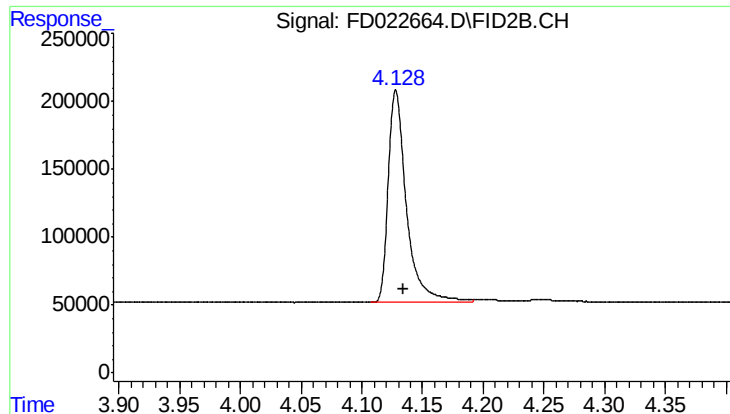
(m)=manual int.

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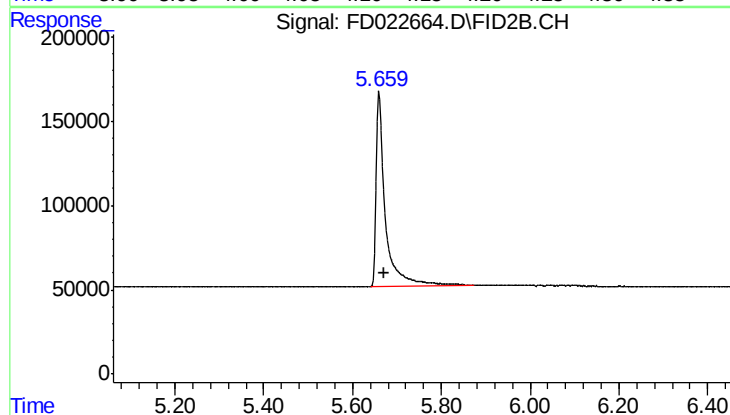
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Signal Info : 20M x 0.18mm x 0.18µm





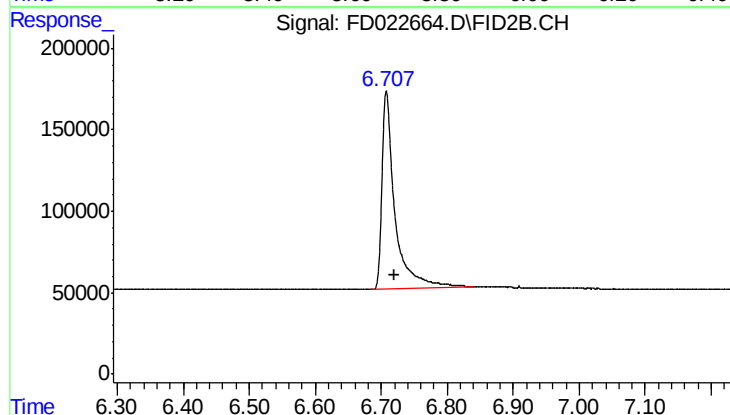
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.128 min
Delta R.T.: -0.006 min
Response: 1629943
Conc: 16.74 ug/ml



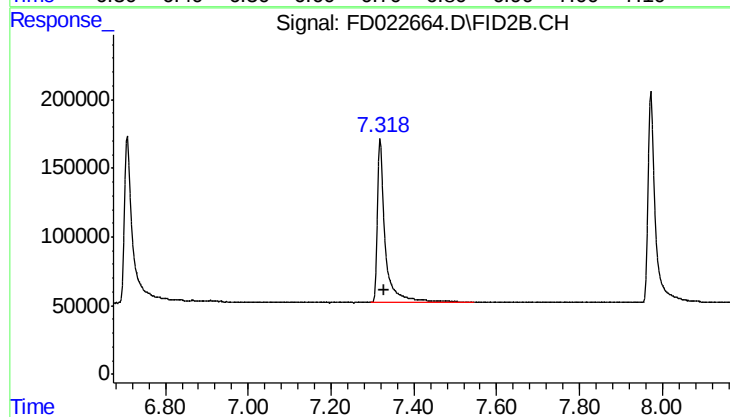
#2 Naphthalene (C11.7)

R.T.: 5.659 min
Delta R.T.: -0.011 min
Response: 1662418
Conc: 17.90 ug/ml



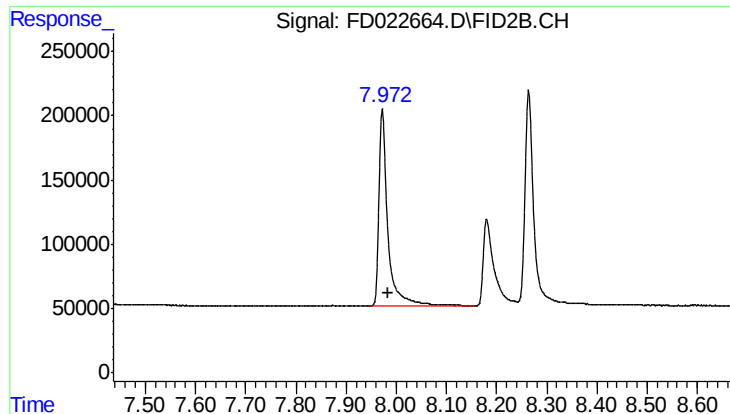
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.708 min
Delta R.T.: -0.012 min
Response: 1653039
Conc: 17.98 ug/ml



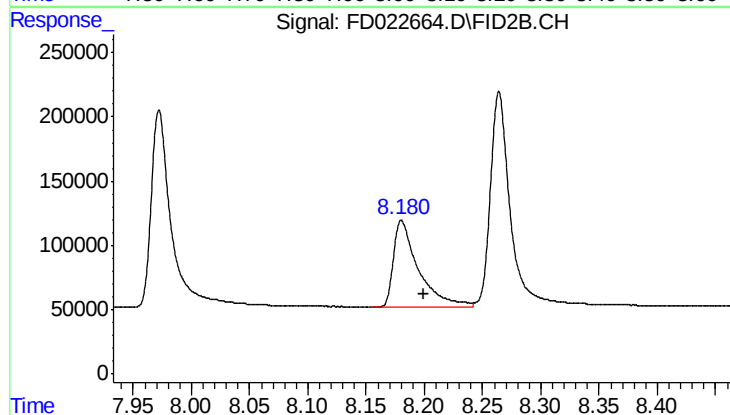
#4 2-Bromonaphthalene (SURR)

R.T.: 7.319 min
Delta R.T.: -0.011 min
Response: 1587795
Conc: 18.36 ug/ml



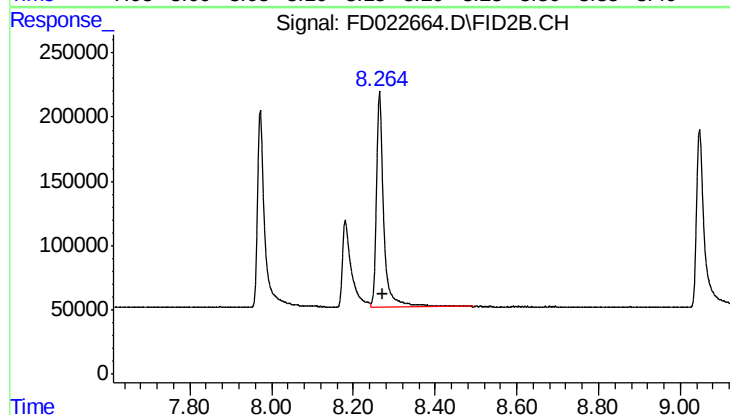
#5 Acenaphthylene (C15.06)

R.T.: 7.972 min
Delta R.T.: -0.010 min
Response: 1878004
Conc: 18.62 ug/ml



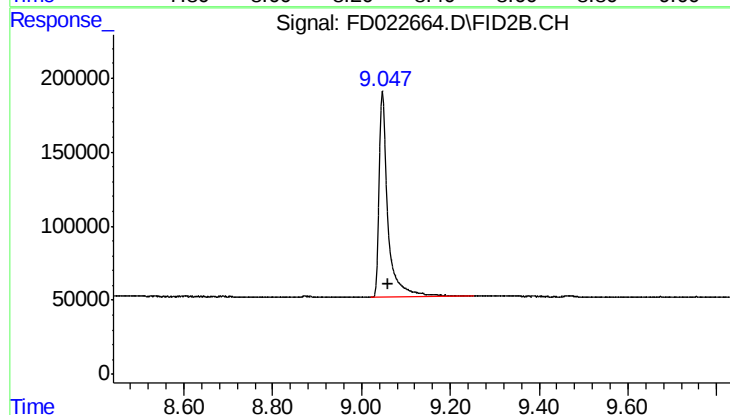
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.019 min
Response: 994202
Conc: 18.82 ug/ml



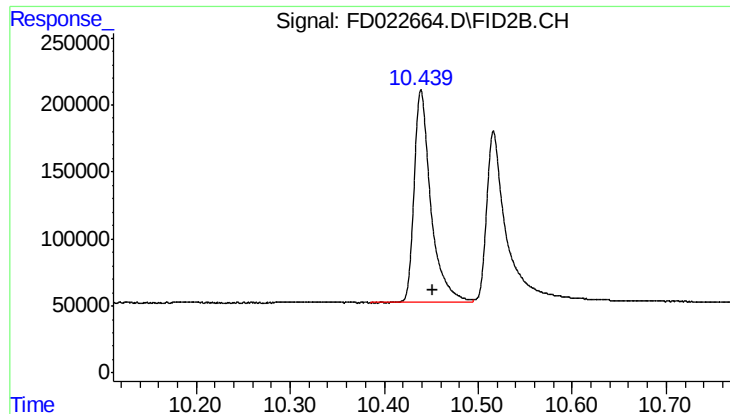
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 2066653
Conc: 18.81 ug/ml



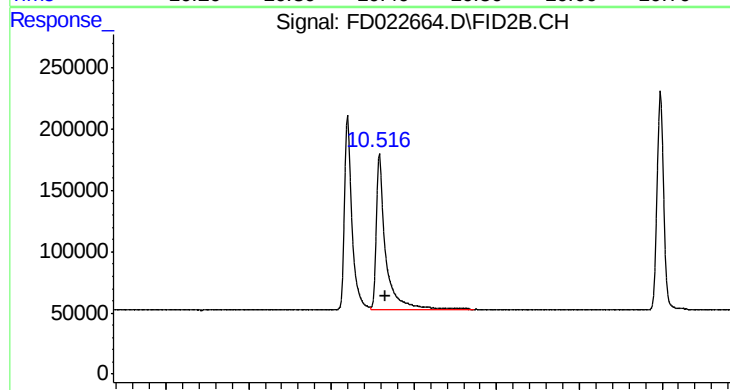
#8 Fluorene (C16.55)

R.T.: 9.047 min
Delta R.T.: -0.012 min
Response: 1908658
Conc: 18.95 ug/ml



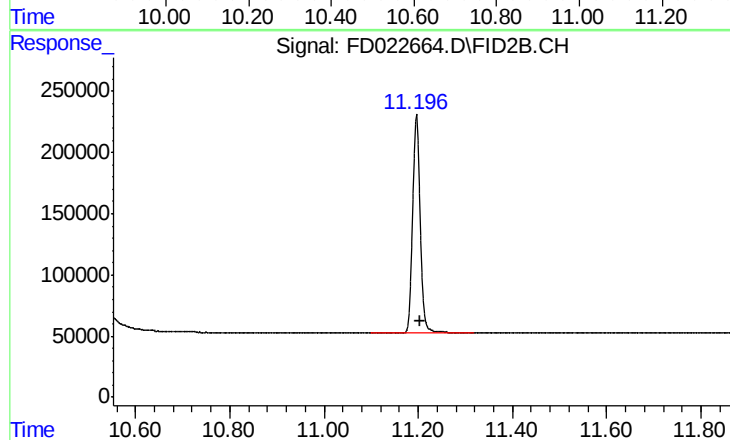
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.013 min
Response: 1970944
Conc: 18.73 ug/ml



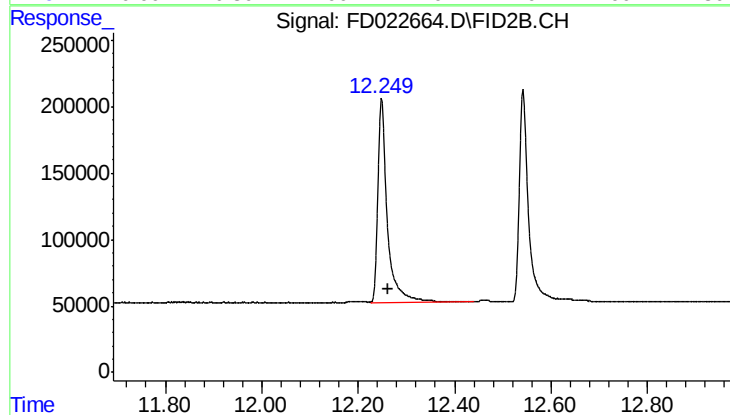
#10 Anthracene (C19.43)

R.T.: 10.517 min
Delta R.T.: -0.015 min
Response: 1985764
Conc: 18.51 ug/ml



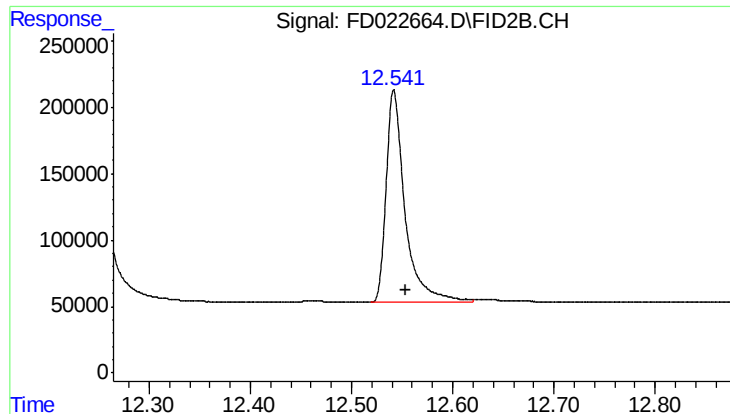
#11 ortho-Terphenyl (SURR)

R.T.: 11.196 min
Delta R.T.: -0.007 min
Response: 1979448
Conc: 18.62 ug/ml



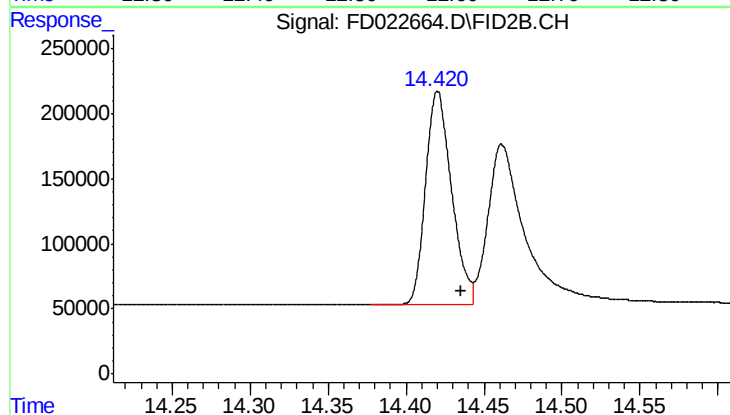
#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: -0.012 min
Response: 2091901
Conc: 18.46 ug/ml



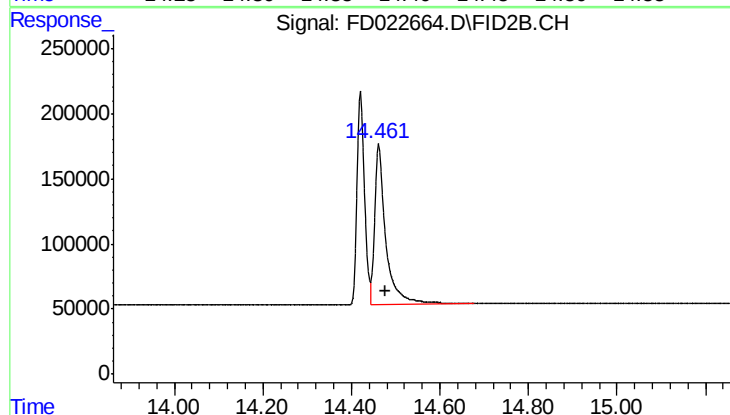
#13 Pyrene (C20.8)

R.T.: 12.542 min
Delta R.T.: -0.012 min
Response: 2086444
Conc: 18.59 ug/ml



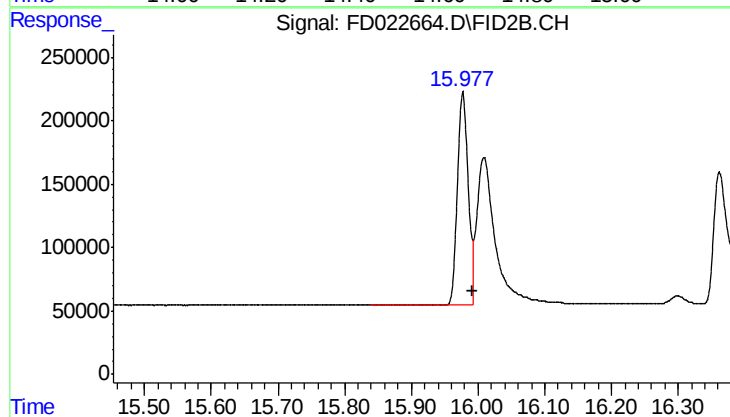
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.015 min
Response: 1892506
Conc: 18.33 ug/ml



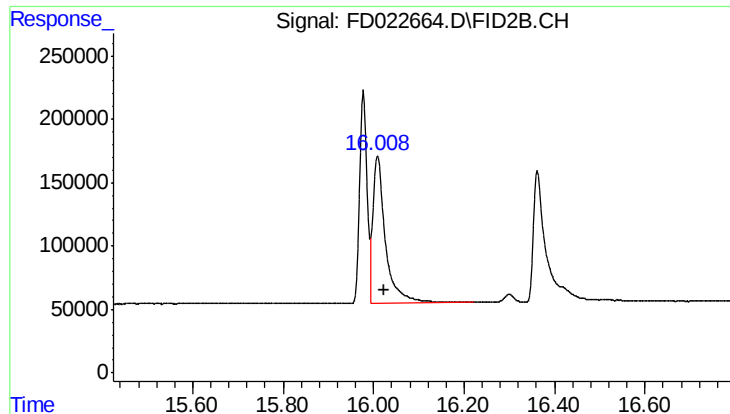
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.016 min
Response: 2143767
Conc: 18.46 ug/ml



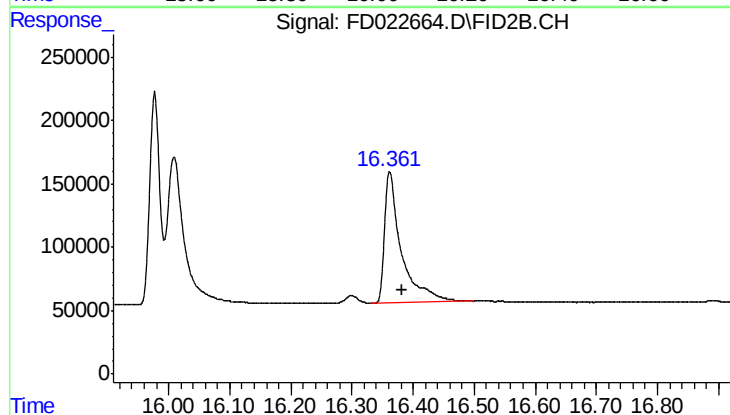
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: -0.015 min
Response: 1873363
Conc: 18.03 ug/ml



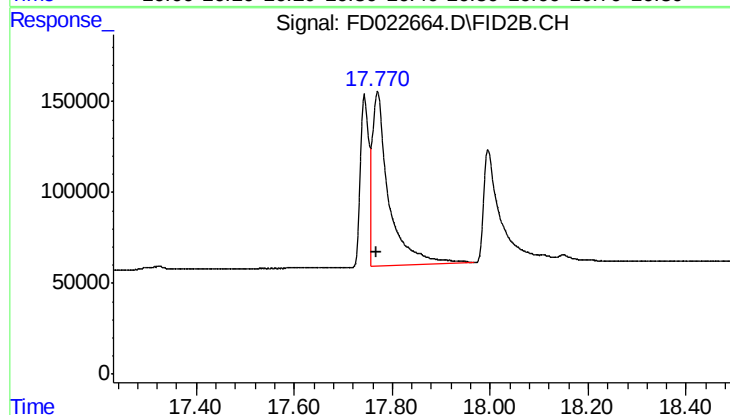
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.014 min
Response: 2252979
Conc: 18.59 ug/ml



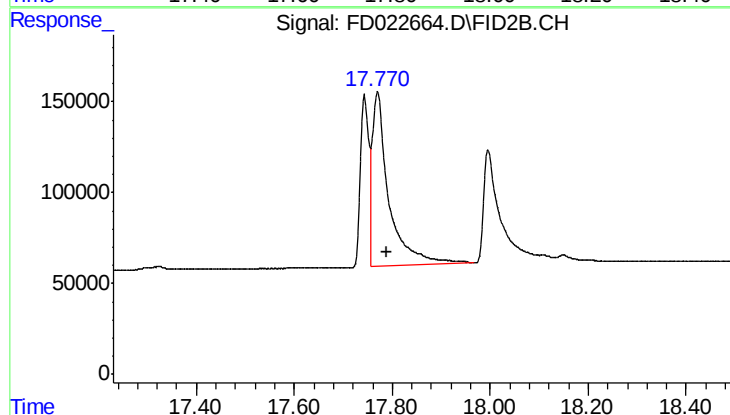
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: -0.021 min
Response: 1975167
Conc: 18.55 ug/ml



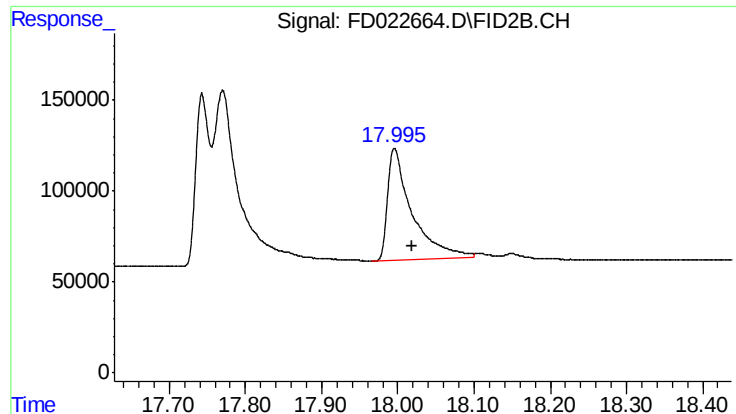
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: 0.001 min
Response: 2275962
Conc: 33.99 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.019 min
Response: 2275962
Conc: 18.73 ug/ml



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

R.T.: 17.996 min
Delta R.T.: -0.023 min
Response: 1367059
Conc: 16.58 ug/ml