

Data Path : P:\HPCHEM1\FID D\Data\FD032018AR\
 Data File : FD022591.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 14:37
 Operator : UA/AJ
 Sample : 100 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 06:55:30 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 06:52:26 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...	7.323	8473681	102.948 ug/ml
Spiked Amount 50.000		Recovery =	205.90%
6) S 2-Fluorobiphenyl (SURR)	8.180	5755438	109.483 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	218.97%#
11) S ortho-Terphenyl (SURR)	11.211	9839778	96.963 ug/ml
Spiked Amount 50.000		Recovery =	193.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.130	9321510	103.071 ug/ml
2) T Naphthalene (C11.7)	5.661	9348365	106.791 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	9403629	105.398 ug/ml
5) T Acenaphthylene (C15.06)	7.980	9486393	98.890 ug/ml
7) T Acenaphthene (C15.5)	8.275	9828081	95.185 ug/ml
8) T Fluorene (C16.55)	9.056	9738839	101.173 ug/ml
9) T Phenanthrene (C19.36)	10.450	10200632	100.427 ug/ml
10) T Anthracene (C19.43)	10.527	10083157	98.165 ug/ml
12) T Fluoranthene (C21.85)	12.262	10639335	98.216 ug/ml
13) T Pyrene (C20.8)	12.558	10617771	99.054 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.437	10368217	103.140 ug/ml
15) T Chrysene (C27.41)	14.480	10338694	94.130 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.996	10474096	104.117 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.032	10652786	92.614 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.378	10242069	99.412 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.756	7829740	119.950 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.784	10453553	84.309 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.009	7961341	96.503 ug/ml

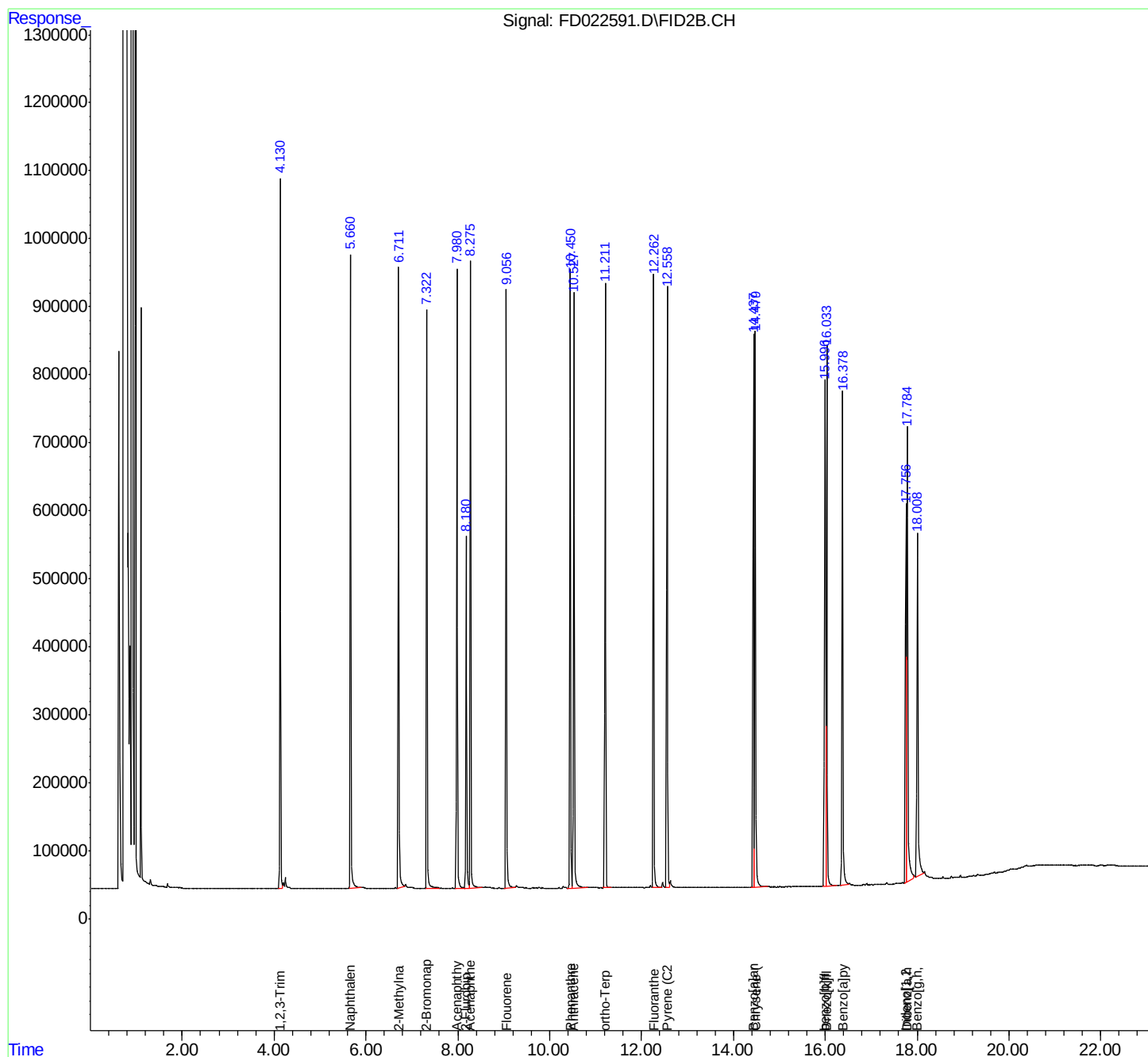
(f)=RT Delta > 1/2 Window

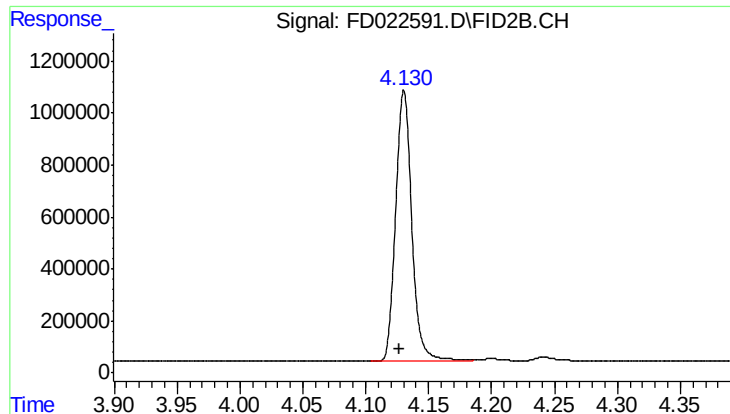
(m)=manual int.

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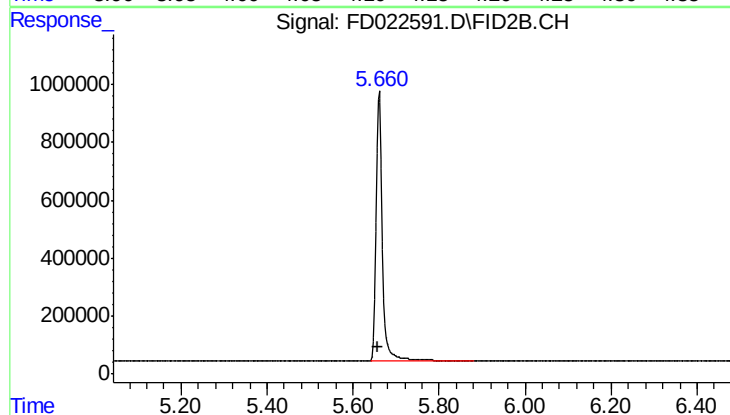
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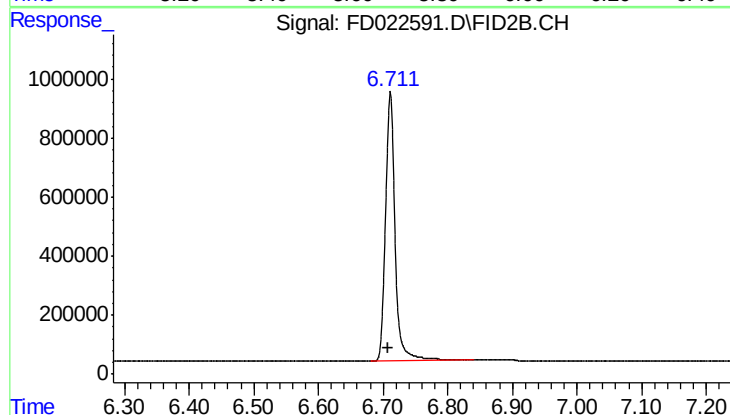
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.130 min
Delta R.T.: 0.004 min
Response: 9321510
Conc: 103.07 ug/ml



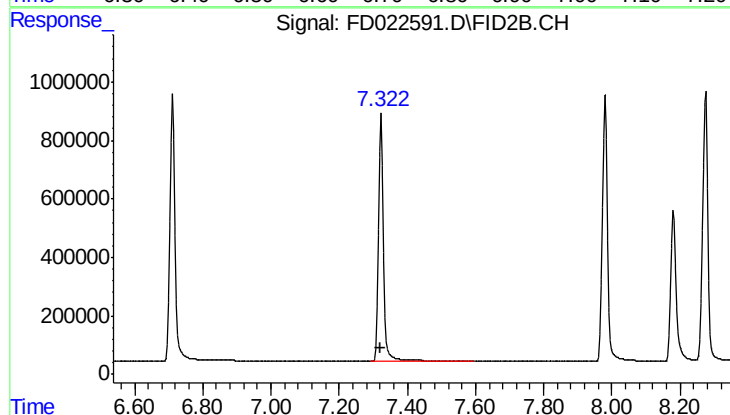
#2 Naphthalene (C11.7)

R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 9348365
Conc: 106.79 ug/ml



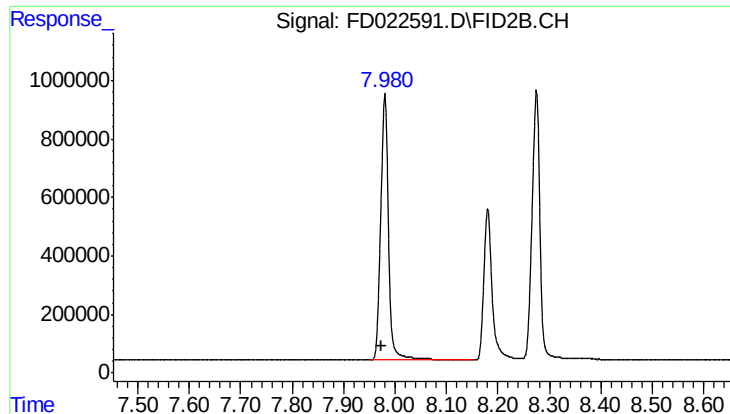
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 9403629
Conc: 105.40 ug/ml



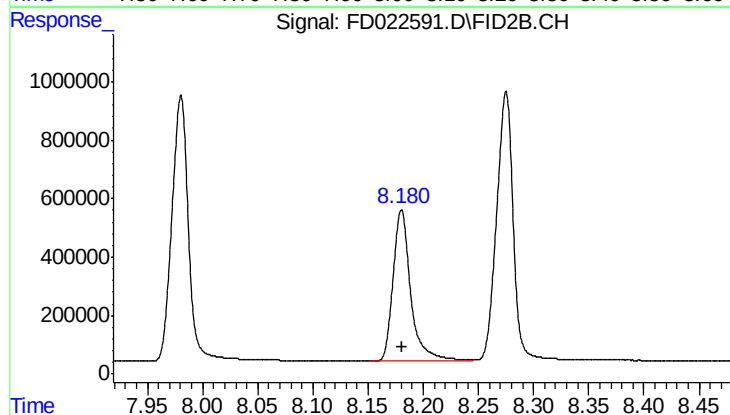
#4 2-Bromonaphthalene (SURR)

R.T.: 7.323 min
Delta R.T.: 0.003 min
Response: 8473681
Conc: 102.95 ug/ml



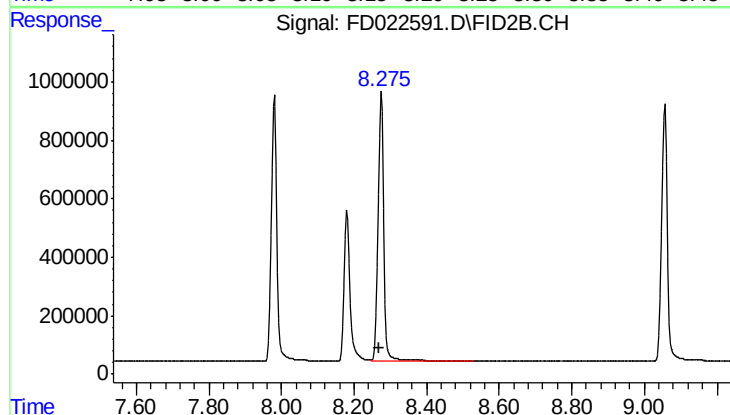
#5 Acenaphthylene (C15.06)

R.T.: 7.980 min
Delta R.T.: 0.005 min
Response: 9486393
Conc: 98.89 ug/ml



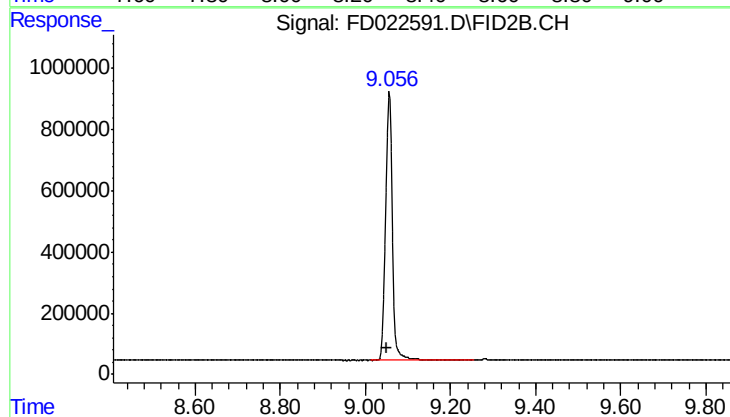
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 5755438
Conc: 109.48 ug/ml



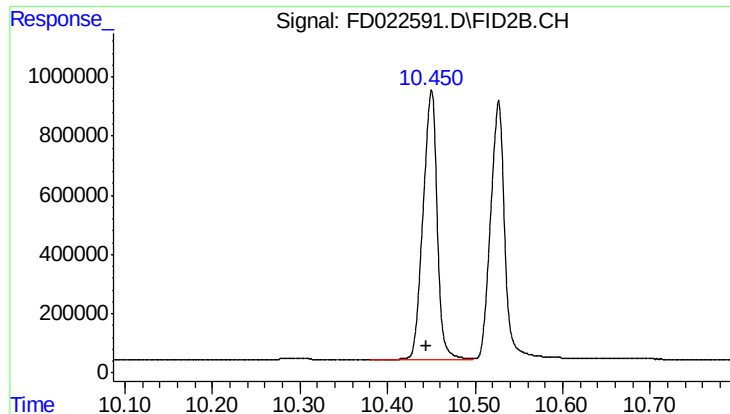
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: 0.008 min
Response: 9828081
Conc: 95.19 ug/ml



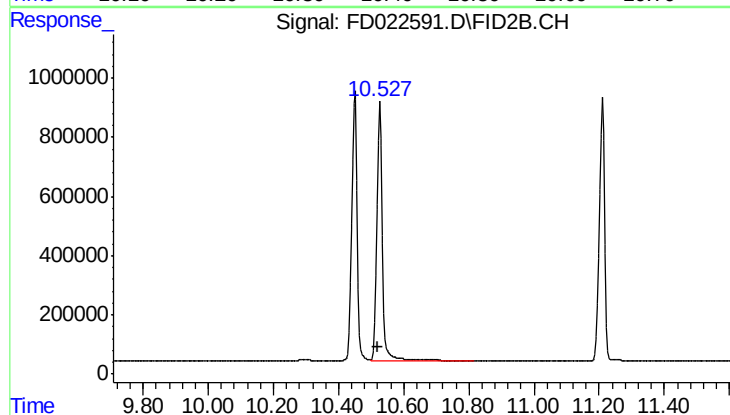
#8 Fluorene (C16.55)

R.T.: 9.056 min
Delta R.T.: 0.006 min
Response: 9738839
Conc: 101.17 ug/ml



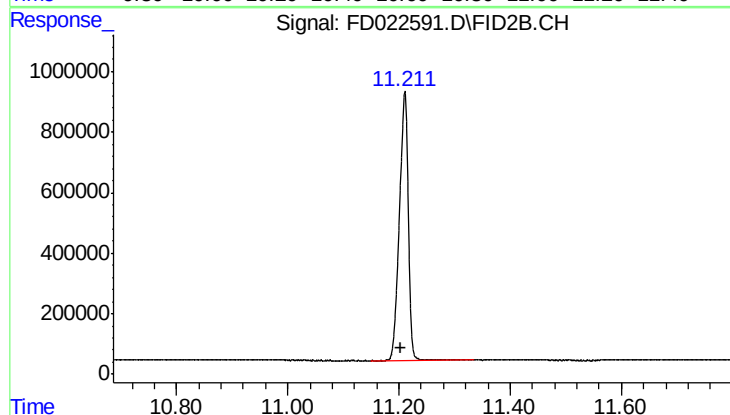
#9 Phenanthrene (C19.36)

R.T.: 10.450 min
Delta R.T.: 0.006 min
Response: 10200632
Conc: 100.43 ug/ml



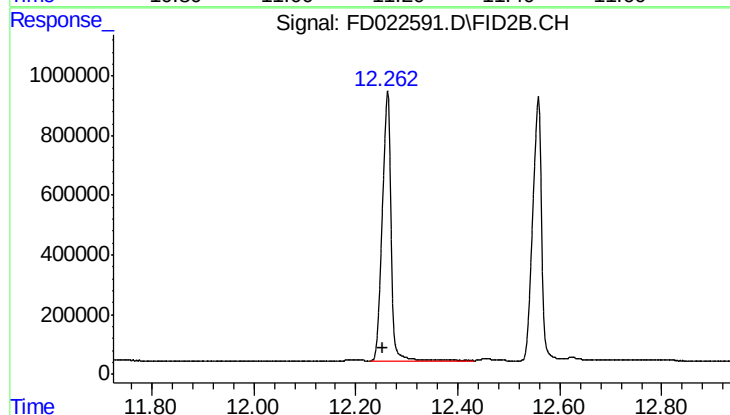
#10 Anthracene (C19.43)

R.T.: 10.527 min
Delta R.T.: 0.007 min
Response: 10083157
Conc: 98.17 ug/ml



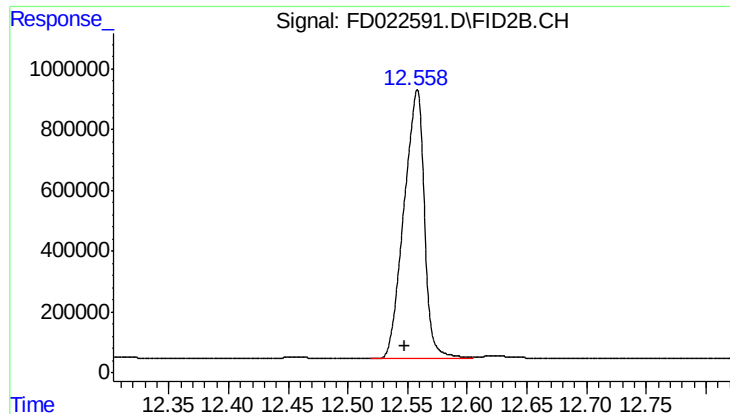
#11 ortho-Terphenyl (SURR)

R.T.: 11.211 min
Delta R.T.: 0.008 min
Response: 9839778
Conc: 96.96 ug/ml



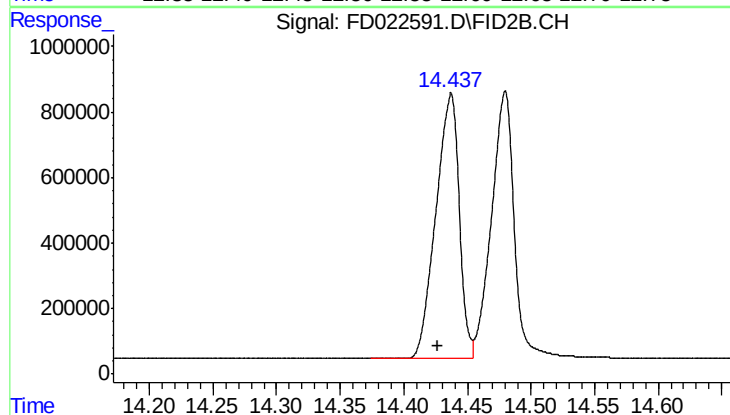
#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: 0.009 min
Response: 10639335
Conc: 98.22 ug/ml



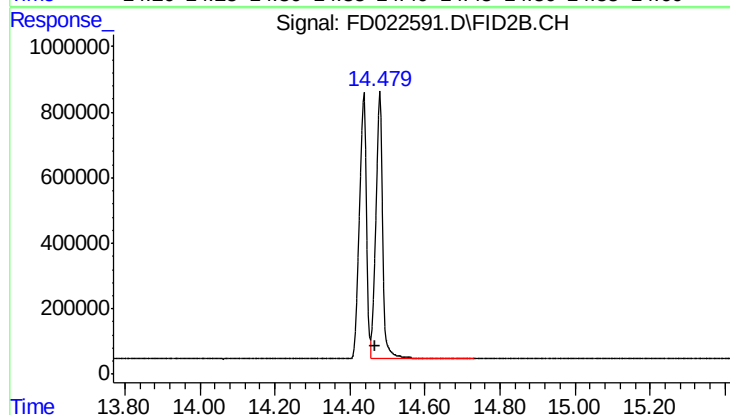
#13 Pyrene (C20.8)

R.T.: 12.558 min
Delta R.T.: 0.010 min
Response: 10617771
Conc: 99.05 ug/ml



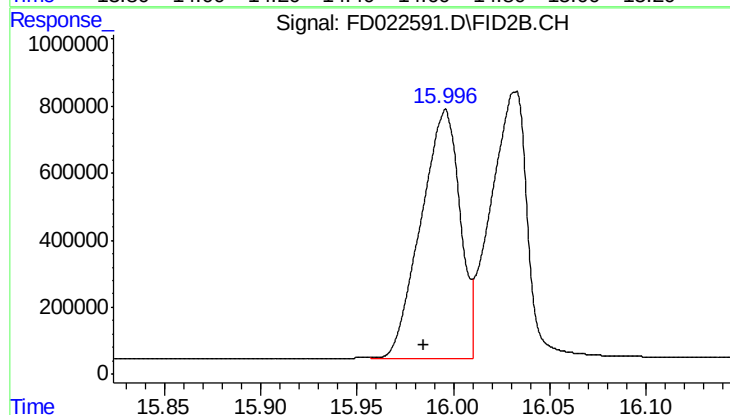
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: 0.010 min
Response: 10368217
Conc: 103.14 ug/ml



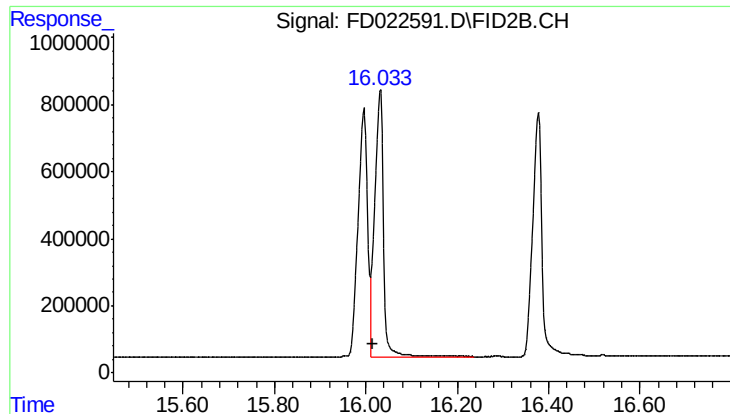
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.012 min
Response: 10338694
Conc: 94.13 ug/ml



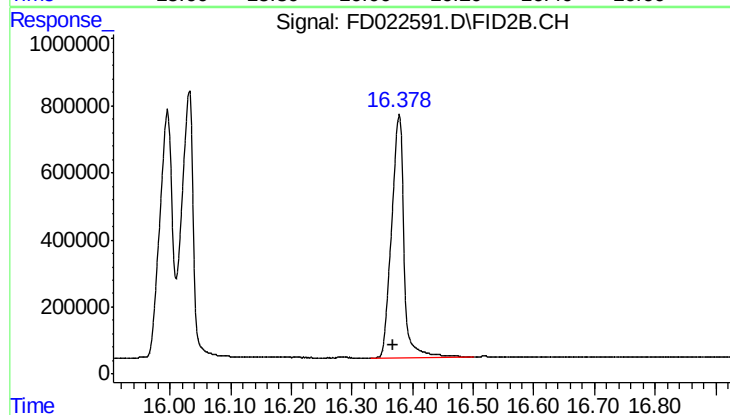
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.996 min
Delta R.T.: 0.011 min
Response: 10474096
Conc: 104.12 ug/ml



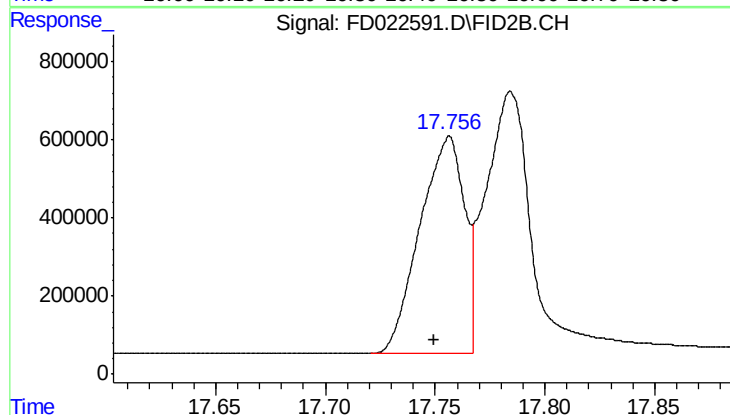
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: 0.017 min
Response: 10652786
Conc: 92.61 ug/ml



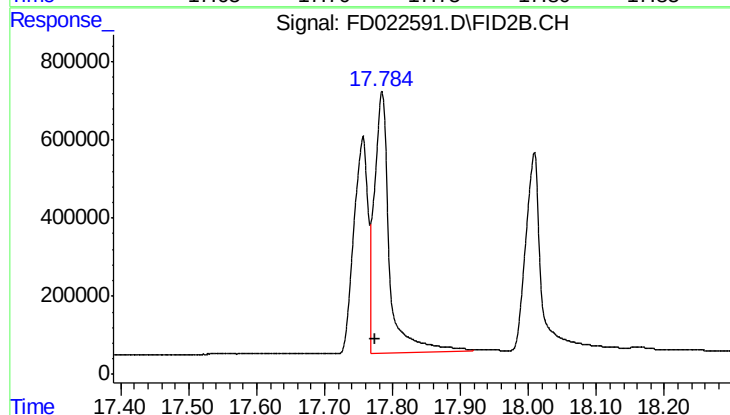
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: 0.010 min
Response: 10242069
Conc: 99.41 ug/ml



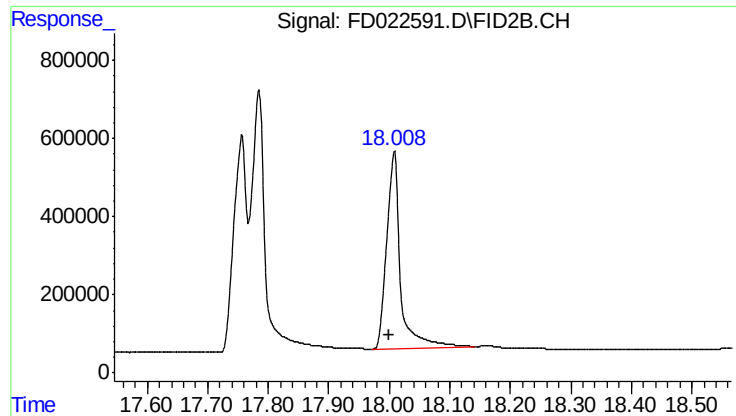
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: 0.007 min
Response: 7829740
Conc: 119.95 ug/ml



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

R.T.: 17.784 min
Delta R.T.: 0.010 min
Response: 10453553
Conc: 84.31 ug/ml



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

R.T.: 18.009 min
Delta R.T.: 0.010 min
Response: 7961341
Conc: 96.50 ug/ml