

Data Path : P:\HPCHEM1\FID D\Data\FD051518AR\
 Data File : FD023686.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2018 20:28
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 16 02:22:13 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 051418.M
 Quant Title : GC Extractables
 QLast Update : Tue May 15 11:41:03 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...	7.617	1763615	18.221 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
6) S 2-Fluorobiphenyl (SURR)	8.478	1255842	18.211 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.42%
11) S ortho-Terphenyl (SURR)	11.530	2091727	18.346 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	1841843	17.990 ug/ml
2) T Naphthalene (C11.7)	5.949	1979067	18.113 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	1973583	18.188 ug/ml
5) T Acenaphthylene (C15.06)	8.281	1936247	18.224 ug/ml
7) T Acenaphthene (C15.5)	8.578	2032952	18.245 ug/ml
8) T Fluorene (C16.55)	9.360	2065324	18.297 ug/ml
9) T Phenanthrene (C19.36)	10.758	2156291	18.322 ug/ml
10) T Anthracene (C19.43)	10.832	2146838	18.261 ug/ml
12) T Fluoranthene (C21.85)	12.573	2250758	18.369 ug/ml
13) T Pyrene (C20.8)	12.871	2252243	18.288 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.745	2196141	18.340 ug/ml
15) T Chrysene (C27.41)	14.787	2201222	18.143 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.297	2186123	18.270 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.330	2236355	18.514 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.676	2130650	18.301 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	18.040	1523401	16.687 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	18.083	1846118	17.110 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.294	1502468	15.869 ug/ml

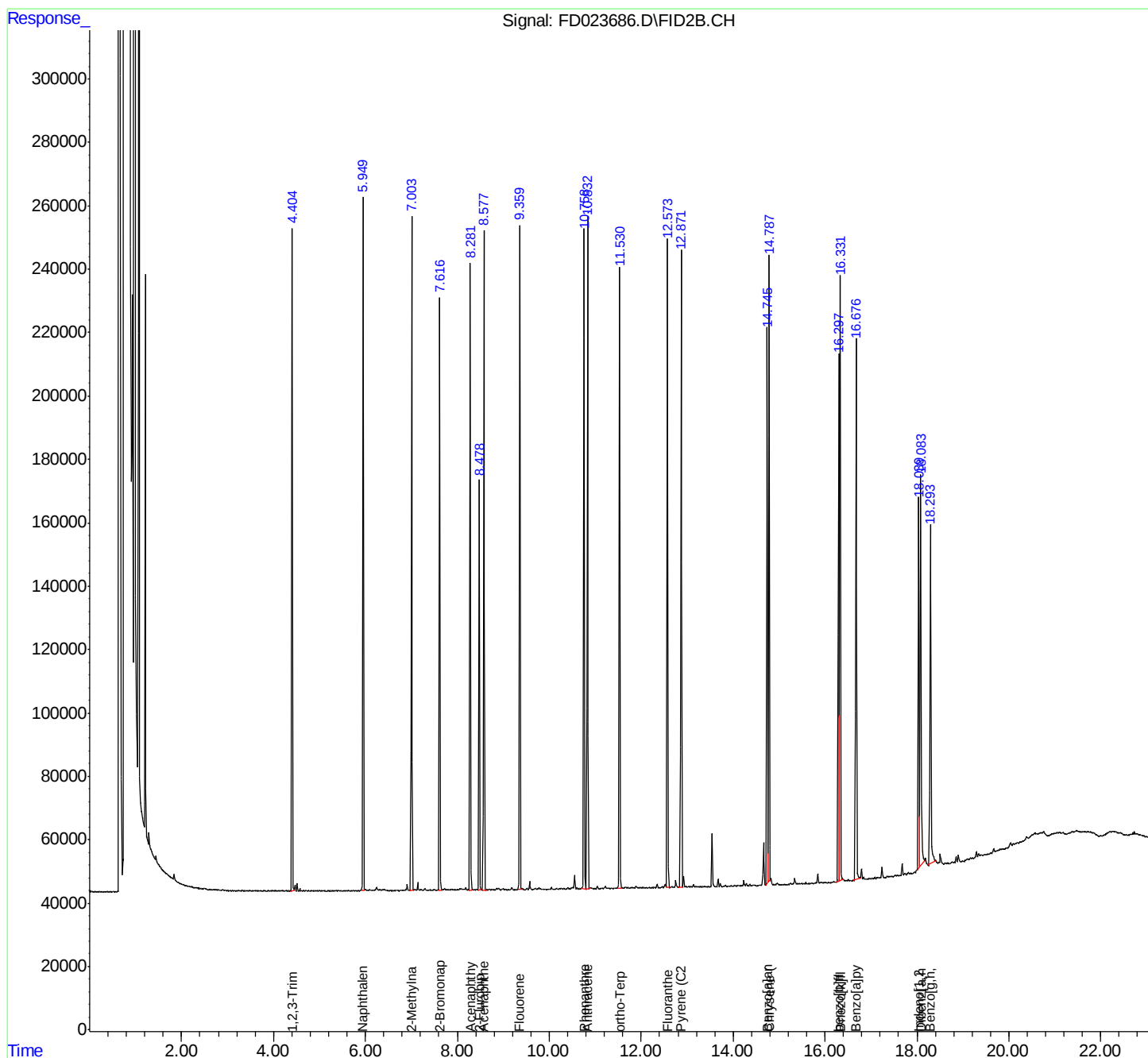
(f)=RT Delta > 1/2 Window

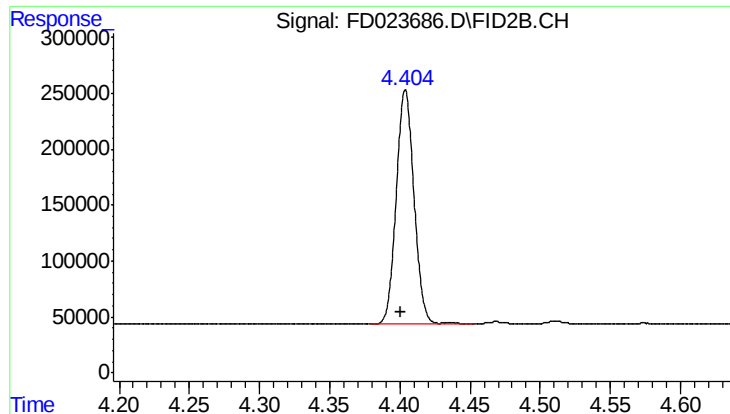
(m)=manual int.

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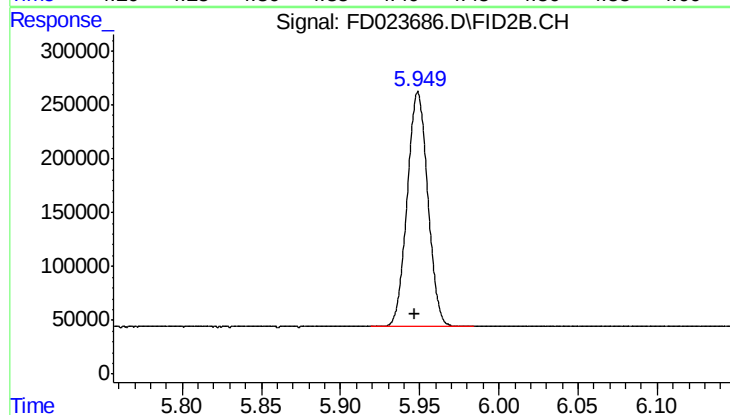
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





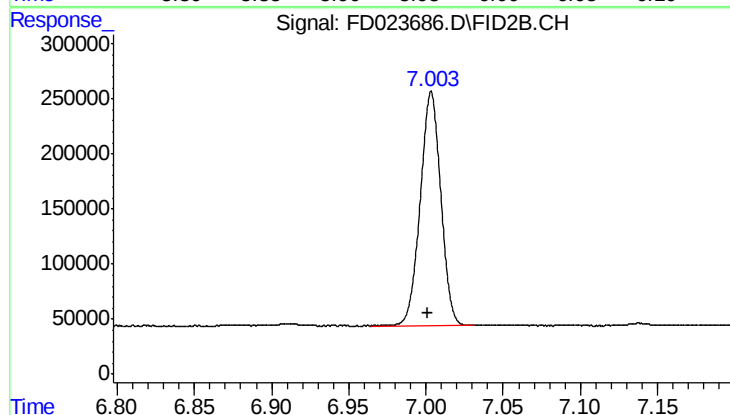
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.404 min
Delta R.T.: 0.003 min
Response: 1841843
Conc: 17.99 ug/ml



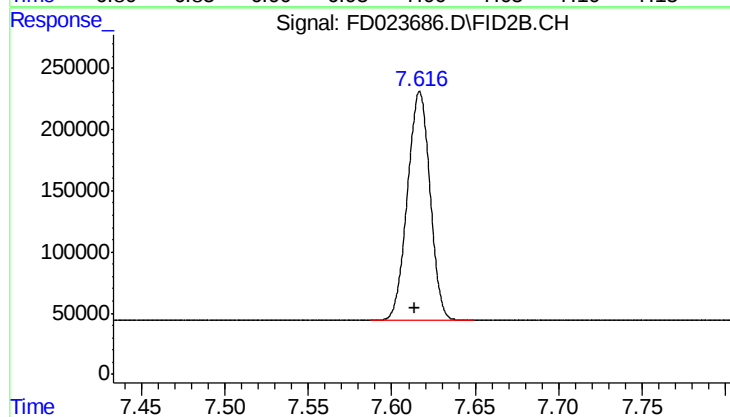
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 1979067
Conc: 18.11 ug/ml



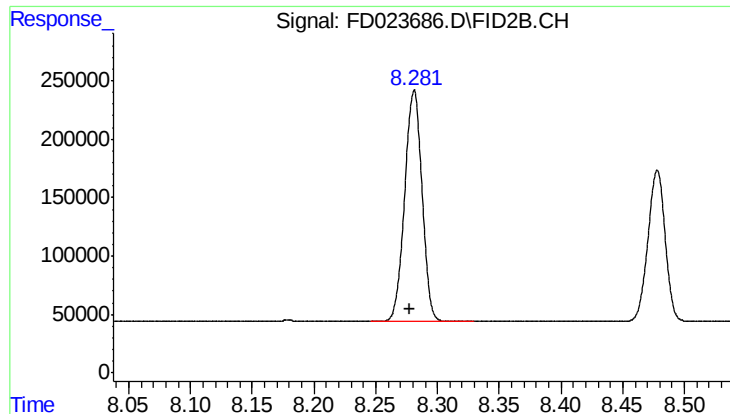
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: 0.003 min
Response: 1973583
Conc: 18.19 ug/ml



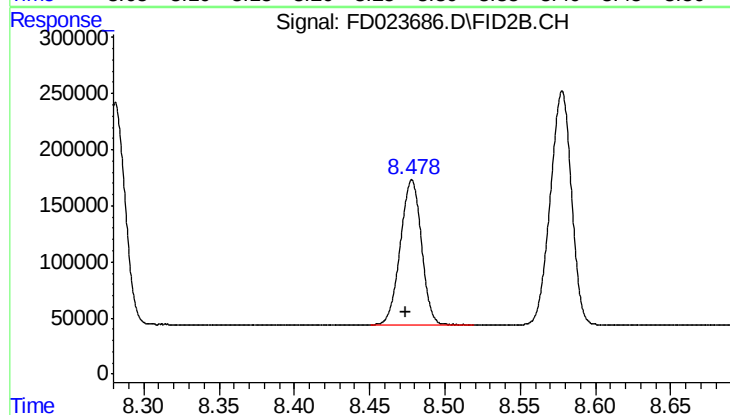
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: 0.003 min
Response: 1763615
Conc: 18.22 ug/ml



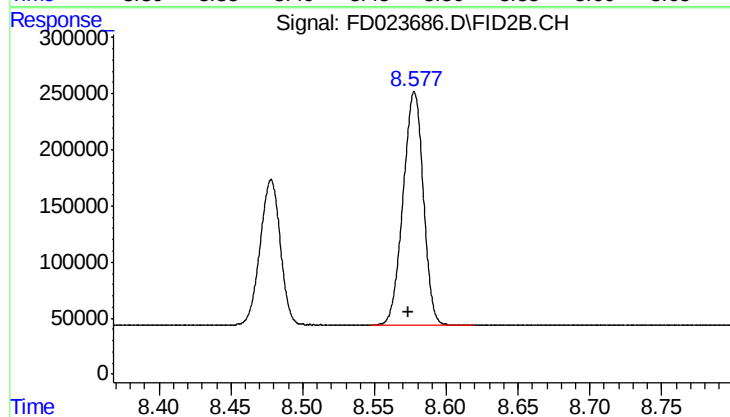
#5 Acenaphthylene (C15.06)

R.T.: 8.281 min
Delta R.T.: 0.004 min
Response: 1936247
Conc: 18.22 ug/ml



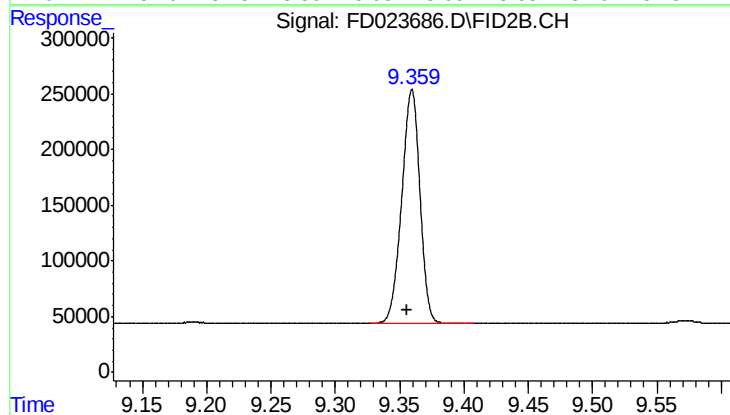
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.478 min
Delta R.T.: 0.004 min
Response: 1255842
Conc: 18.21 ug/ml



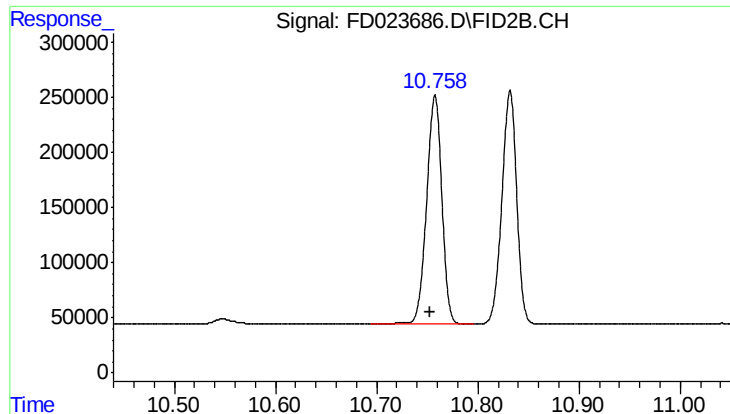
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.005 min
Response: 2032952
Conc: 18.24 ug/ml



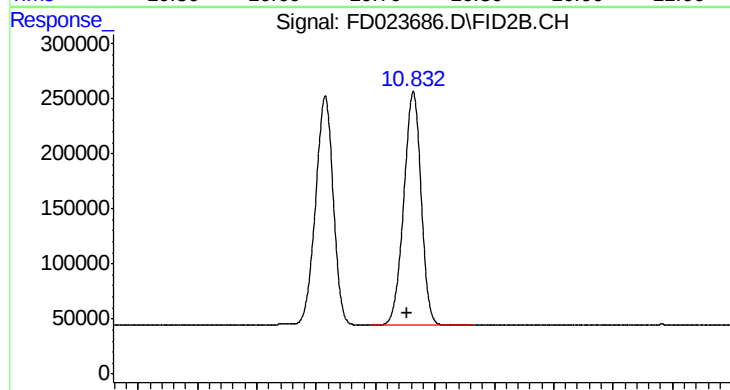
#8 Fluorene (C16.55)

R.T.: 9.360 min
Delta R.T.: 0.004 min
Response: 2065324
Conc: 18.30 ug/ml



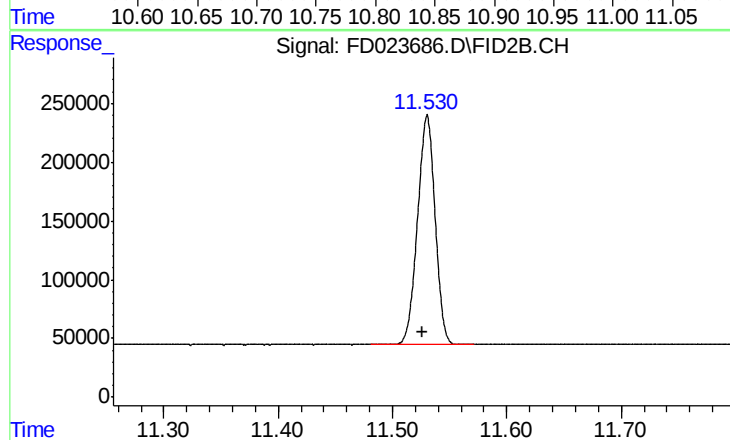
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: 0.005 min
Response: 2156291
Conc: 18.32 ug/ml



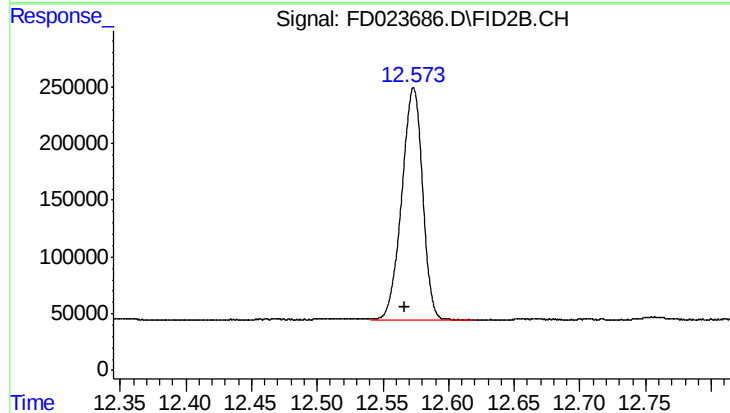
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: 0.005 min
Response: 2146838
Conc: 18.26 ug/ml



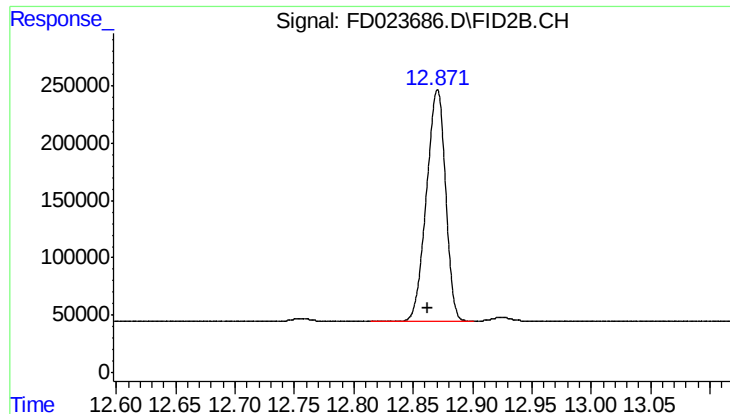
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.004 min
Response: 2091727
Conc: 18.35 ug/ml



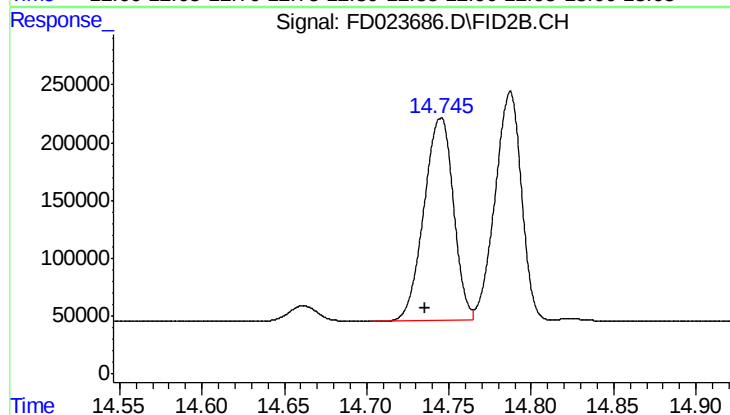
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: 0.007 min
Response: 2250758
Conc: 18.37 ug/ml



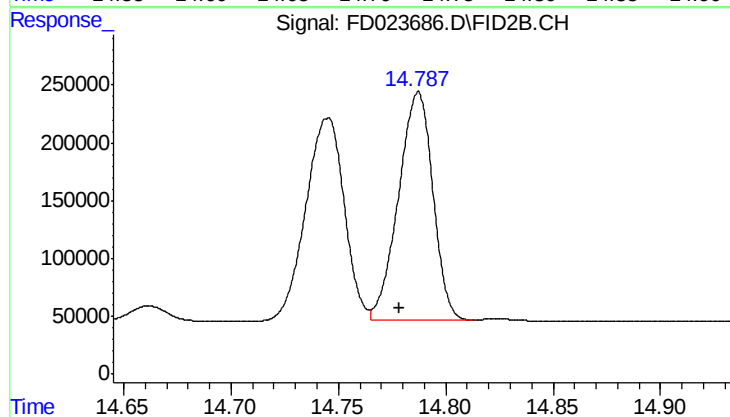
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: 0.008 min
Response: 2252243
Conc: 18.29 ug/ml



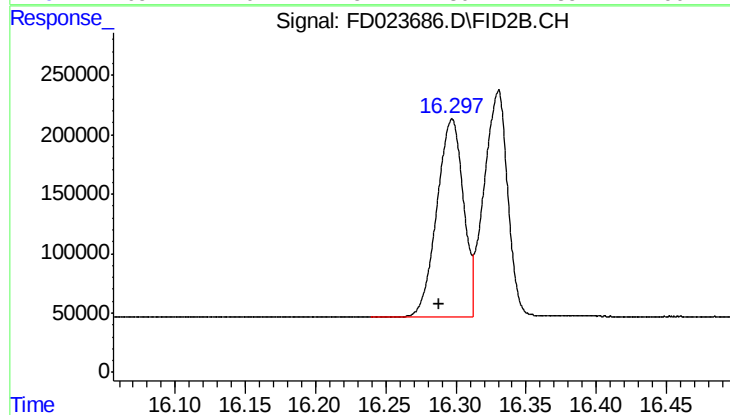
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.010 min
Response: 2196141
Conc: 18.34 ug/ml



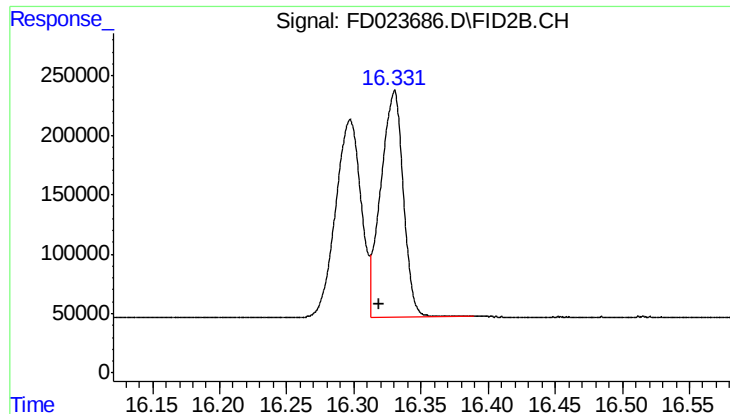
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: 0.009 min
Response: 2201222
Conc: 18.14 ug/ml



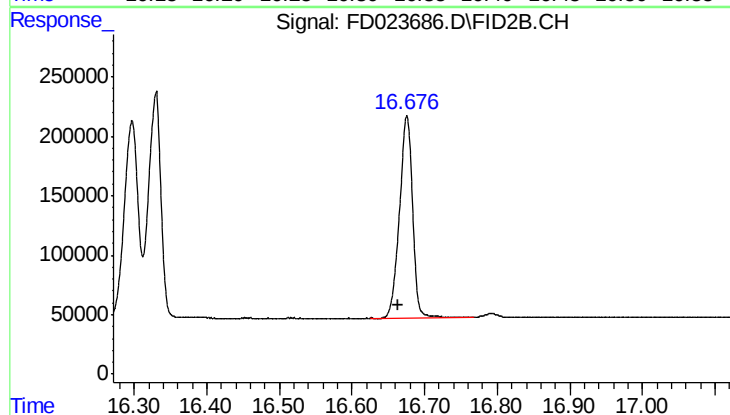
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.297 min
Delta R.T.: 0.009 min
Response: 2186123
Conc: 18.27 ug/ml



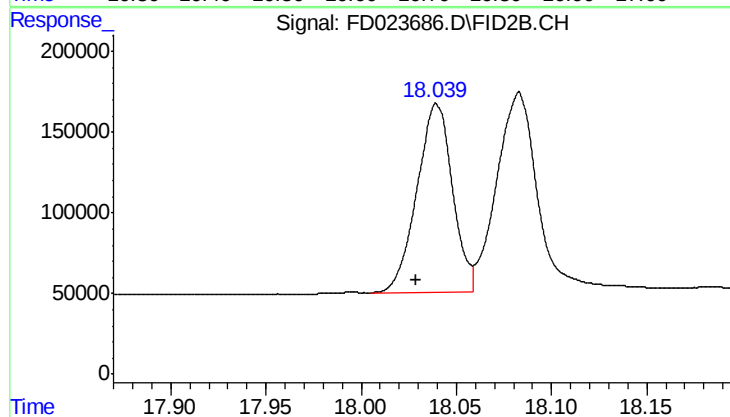
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: 0.011 min
Response: 2236355
Conc: 18.51 ug/ml



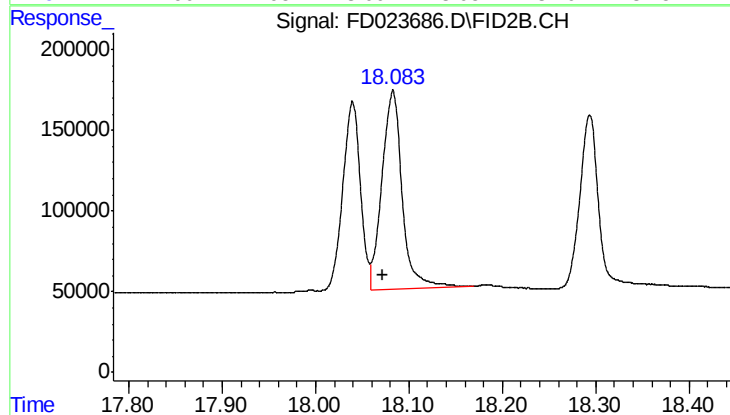
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.011 min
Response: 2130650
Conc: 18.30 ug/ml



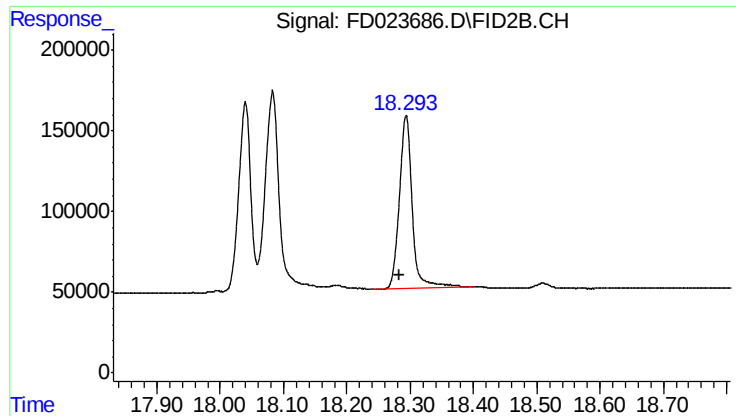
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.011 min
Response: 1523401
Conc: 16.69 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.011 min
Response: 1846118
Conc: 17.11 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.011 min
Response: 1502468
Conc: 15.87 ug/ml