

Data Path : P:\HPCHEM1\FID D\Data\FD051518AR\
 Data File : FD023678.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2018 14:43
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 16 02:18:50 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...	7.614	1745992	18.039 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
6) S 2-Fluorobiphenyl (SURR)	8.476	1239209	17.969 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.94%
11) S ortho-Terphenyl (SURR)	11.529	2050167	17.982 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	1850362	18.074 ug/ml
2) T Naphthalene (C11.7)	5.947	1970434	18.034 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	1957311	18.038 ug/ml
5) T Acenaphthylene (C15.06)	8.279	1913120	18.006 ug/ml
7) T Acenaphthene (C15.5)	8.575	2003661	17.982 ug/ml
8) T Fluorene (C16.55)	9.357	2033723	18.017 ug/ml
9) T Phenanthrene (C19.36)	10.757	2113993	17.963 ug/ml
10) T Anthracene (C19.43)	10.831	2103743	17.894 ug/ml
12) T Fluoranthene (C21.85)	12.572	2198083	17.939 ug/ml
13) T Pyrene (C20.8)	12.869	2202105	17.880 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.745	2157299	18.016 ug/ml
15) T Chrysene (C27.41)	14.788	2161842	17.818 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.298	2147885	17.950 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.330	2203327	18.240 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.676	2089588	17.948 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	18.040	1487947	16.299 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	18.083	1824484	16.910 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.295	1463237	15.455 ug/ml

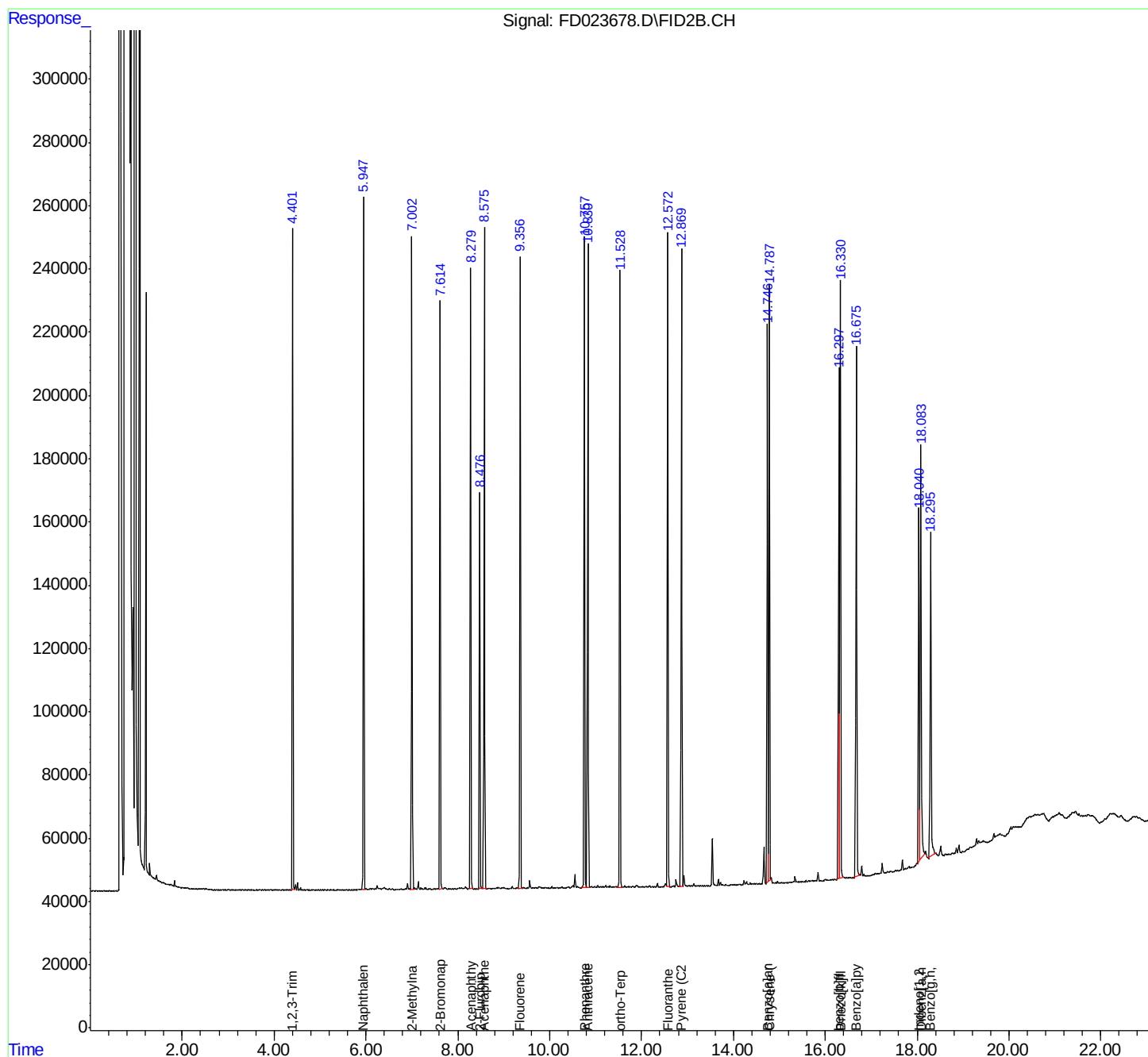
(f)=RT Delta > 1/2 Window

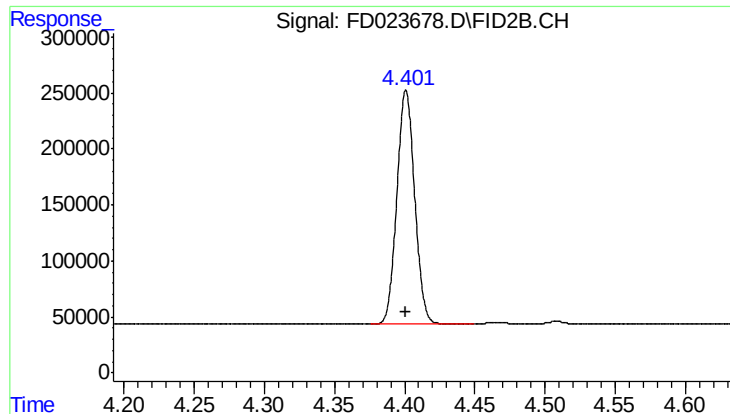
(m)=manual int.

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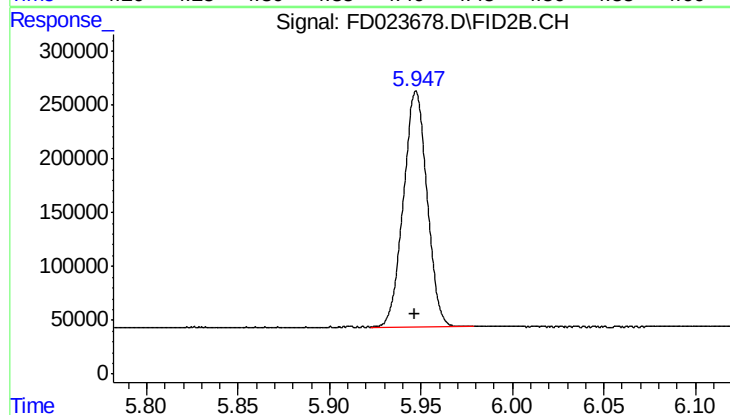
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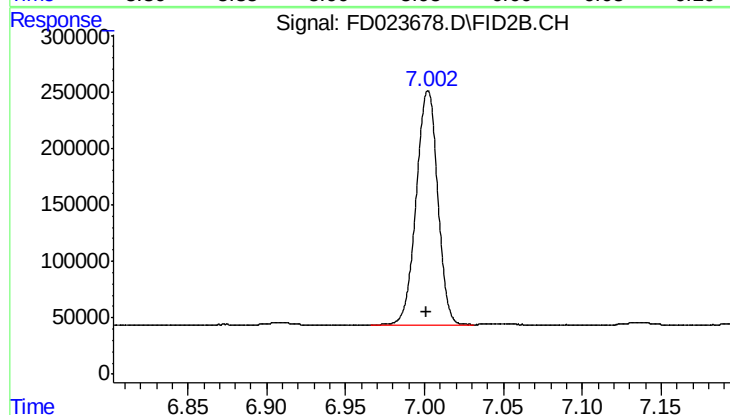
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 1850362
Conc: 18.07 ug/ml



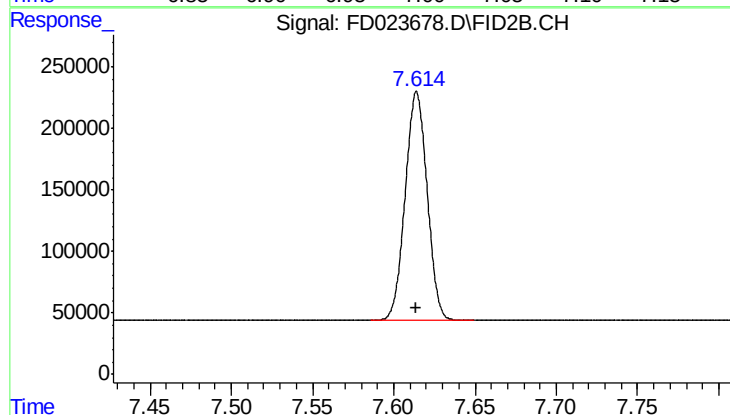
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1970434
Conc: 18.03 ug/ml



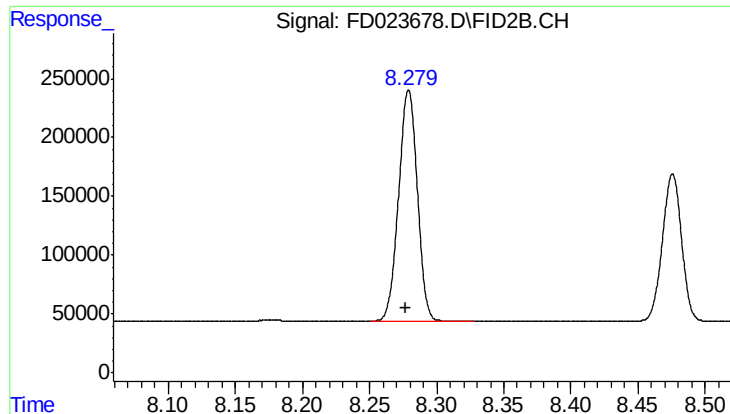
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: 0.001 min
Response: 1957311
Conc: 18.04 ug/ml



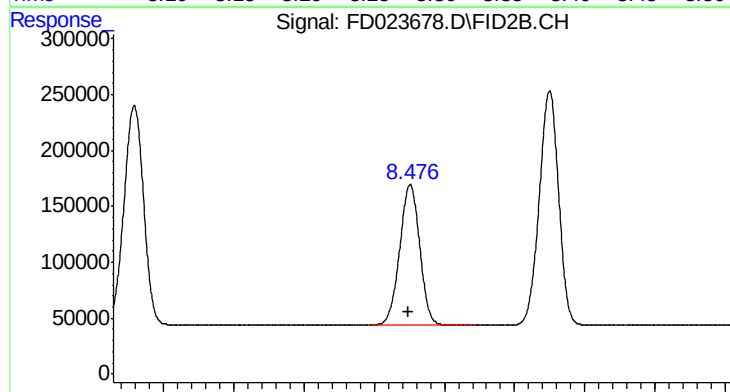
#4 2-Bromonaphthalene (SURR)

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 1745992
Conc: 18.04 ug/ml



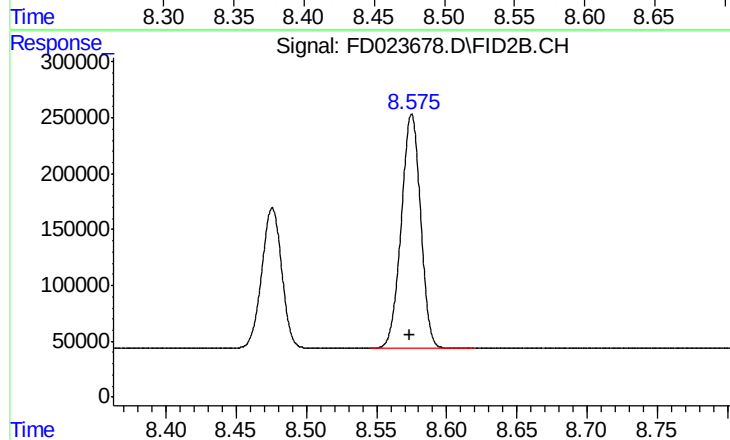
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 1913120
Conc: 18.01 ug/ml



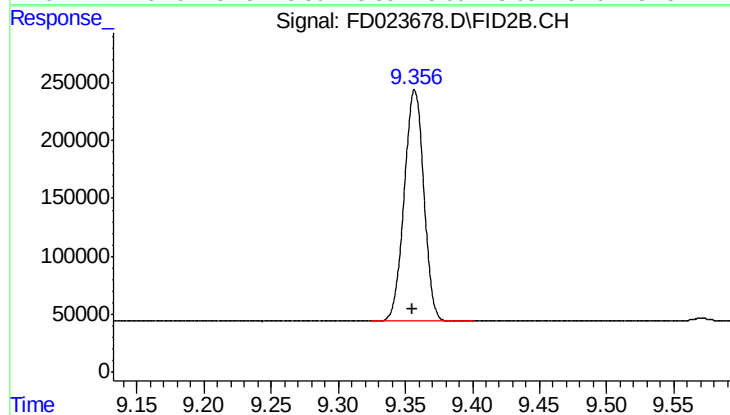
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min
Delta R.T.: 0.001 min
Response: 1239209
Conc: 17.97 ug/ml



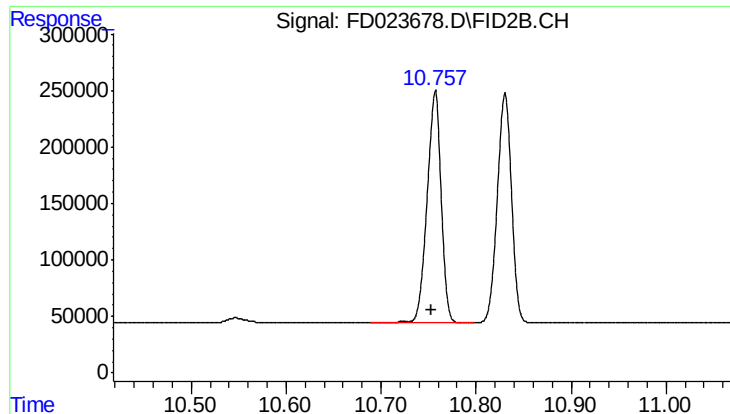
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: 0.002 min
Response: 2003661
Conc: 17.98 ug/ml



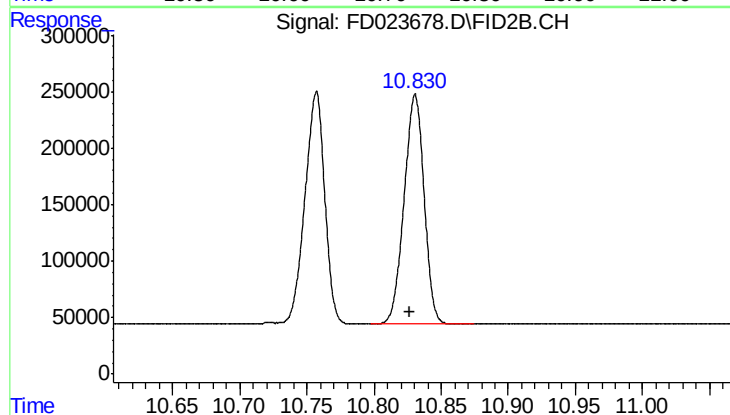
#8 Fluorene (C16.55)

R.T.: 9.357 min
Delta R.T.: 0.002 min
Response: 2033723
Conc: 18.02 ug/ml



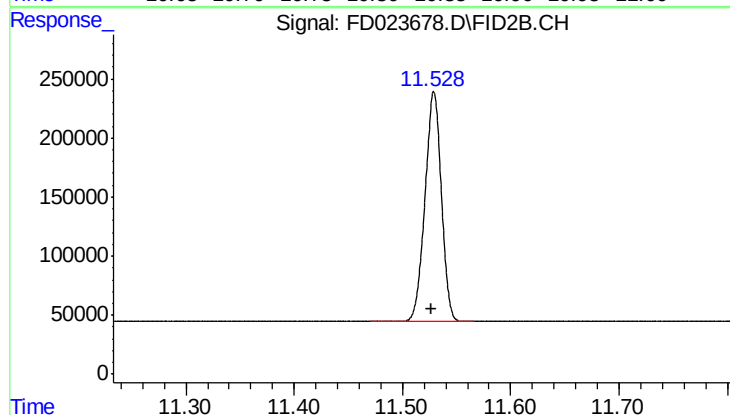
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: 0.005 min
Response: 2113993
Conc: 17.96 ug/ml



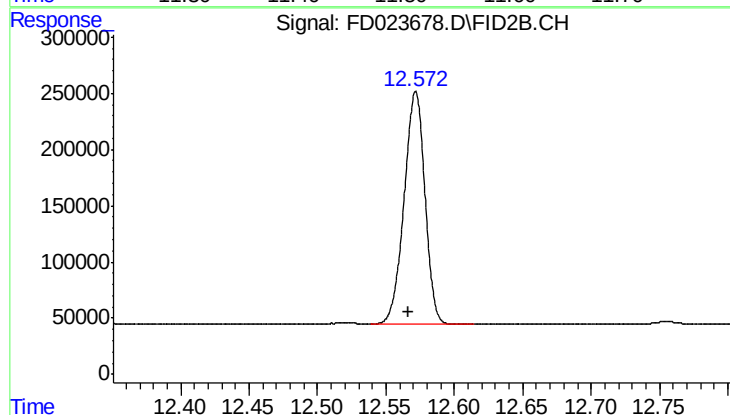
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: 0.004 min
Response: 2103743
Conc: 17.89 ug/ml



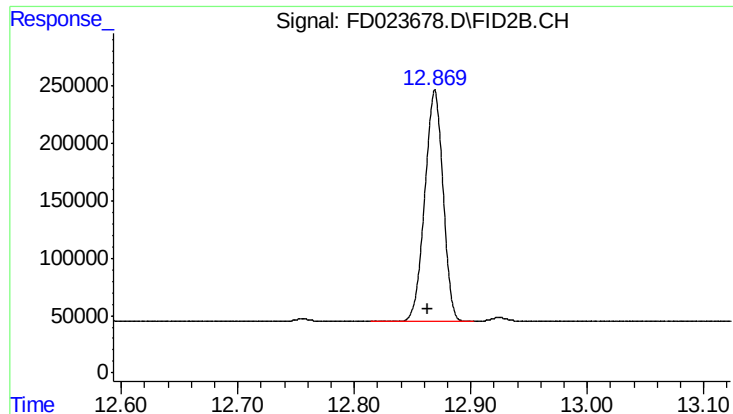
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: 0.003 min
Response: 2050167
Conc: 17.98 ug/ml



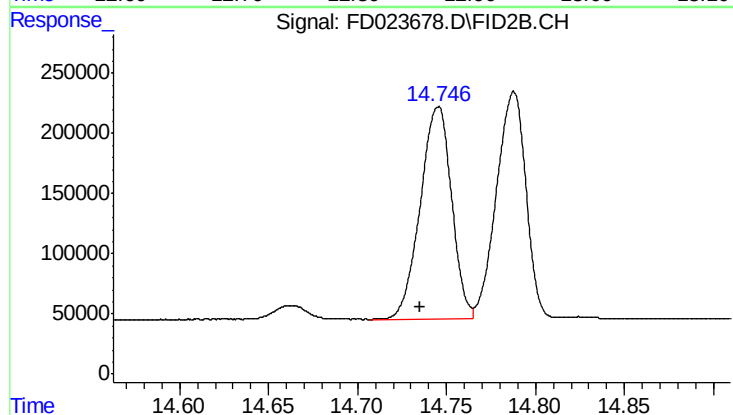
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.005 min
Response: 2198083
Conc: 17.94 ug/ml



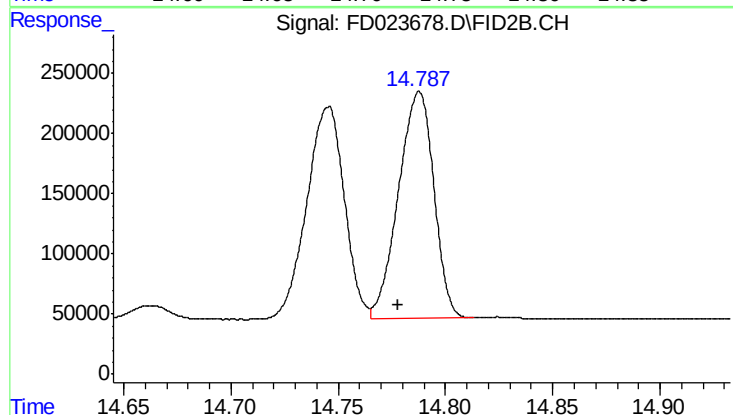
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: 0.007 min
Response: 2202105
Conc: 17.88 ug/ml



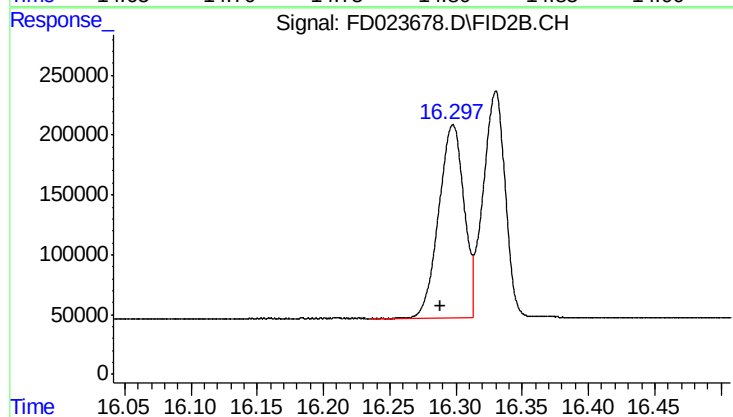
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.010 min
Response: 2157299
Conc: 18.02 ug/ml



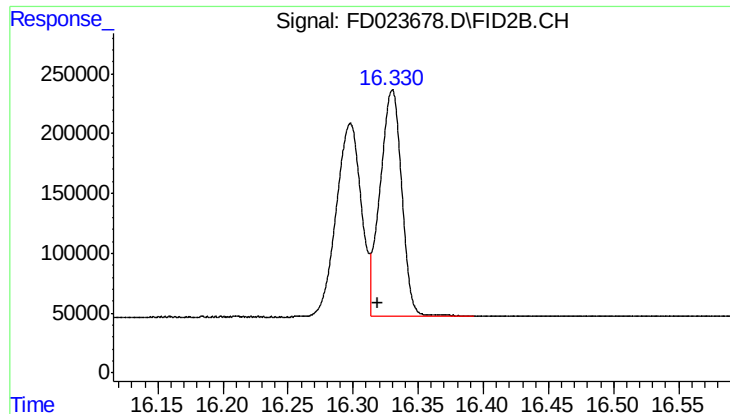
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: 0.010 min
Response: 2161842
Conc: 17.82 ug/ml



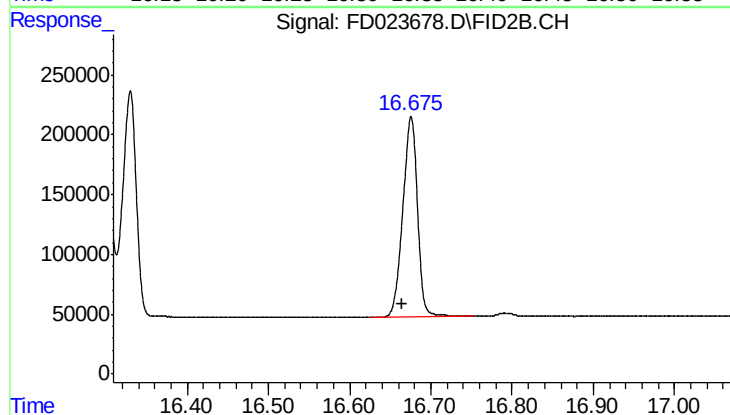
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.298 min
Delta R.T.: 0.010 min
Response: 2147885
Conc: 17.95 ug/ml



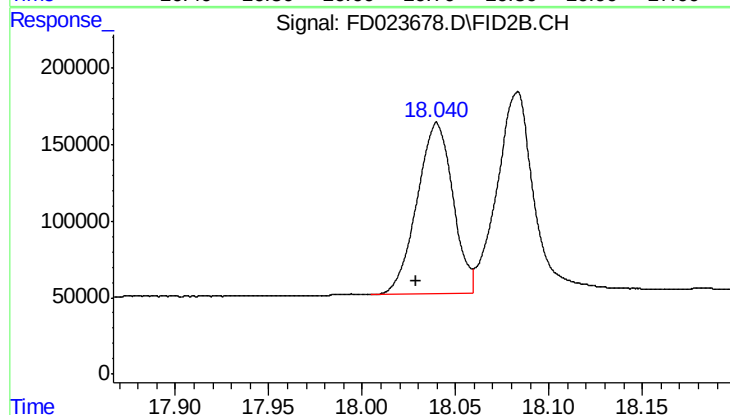
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: 0.011 min
Response: 2203327
Conc: 18.24 ug/ml



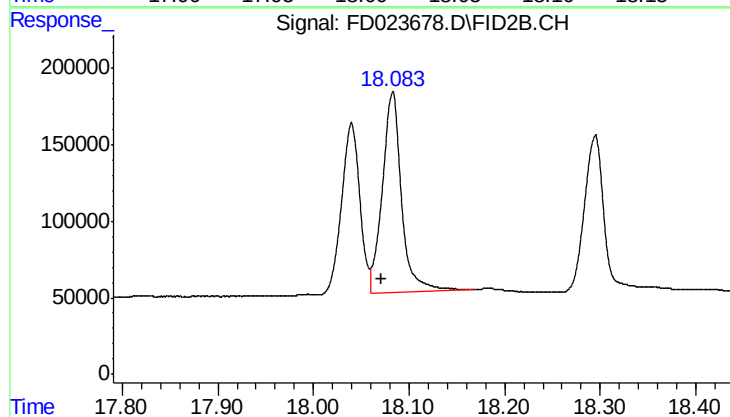
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.011 min
Response: 2089588
Conc: 17.95 ug/ml



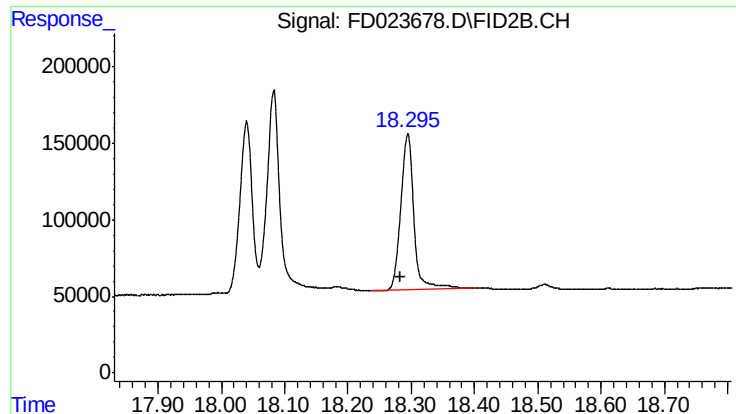
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.011 min
Response: 1487947
Conc: 16.30 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.012 min
Response: 1824484
Conc: 16.91 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.012 min
Response: 1463237
Conc: 15.46 ug/ml