

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020092.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 17:32
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 05:13:03 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.348	1711146	20.425 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
6) S 2-Fluorobiphenyl (SURR)	8.207	1047987	20.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.46%
11) S ortho-Terphenyl (SURR)	11.230	1858884	19.588 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	1786406	20.229 ug/ml
2) T Naphthalene (C11.7)	5.687	1869347	20.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1851222	20.383 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1916516	20.012 ug/ml
7) T Acenaphthene (C15.5)	8.295	2040892	19.923 ug/ml
8) T Fluorene (C16.55)	9.078	1878433	20.033 ug/ml
9) T Phenanthrene (C19.36)	10.470	1841415	19.764 ug/ml
10) T Anthracene (C19.43)	10.546	1866474	19.683 ug/ml
12) T Fluoranthene (C21.85)	12.279	1944624	19.387 ug/ml
13) T Pyrene (C20.8)	12.572	1899070	18.692 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.450	1885174	19.550 ug/ml
15) T Chrysene (C27.41)	14.491	2058289	19.071 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.004	1957919	19.476 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.035	2174061	19.159 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.386	2050204	19.509 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.760	1814435	19.044 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.791	2225777	19.587 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.009	2001684	19.272 ug/ml

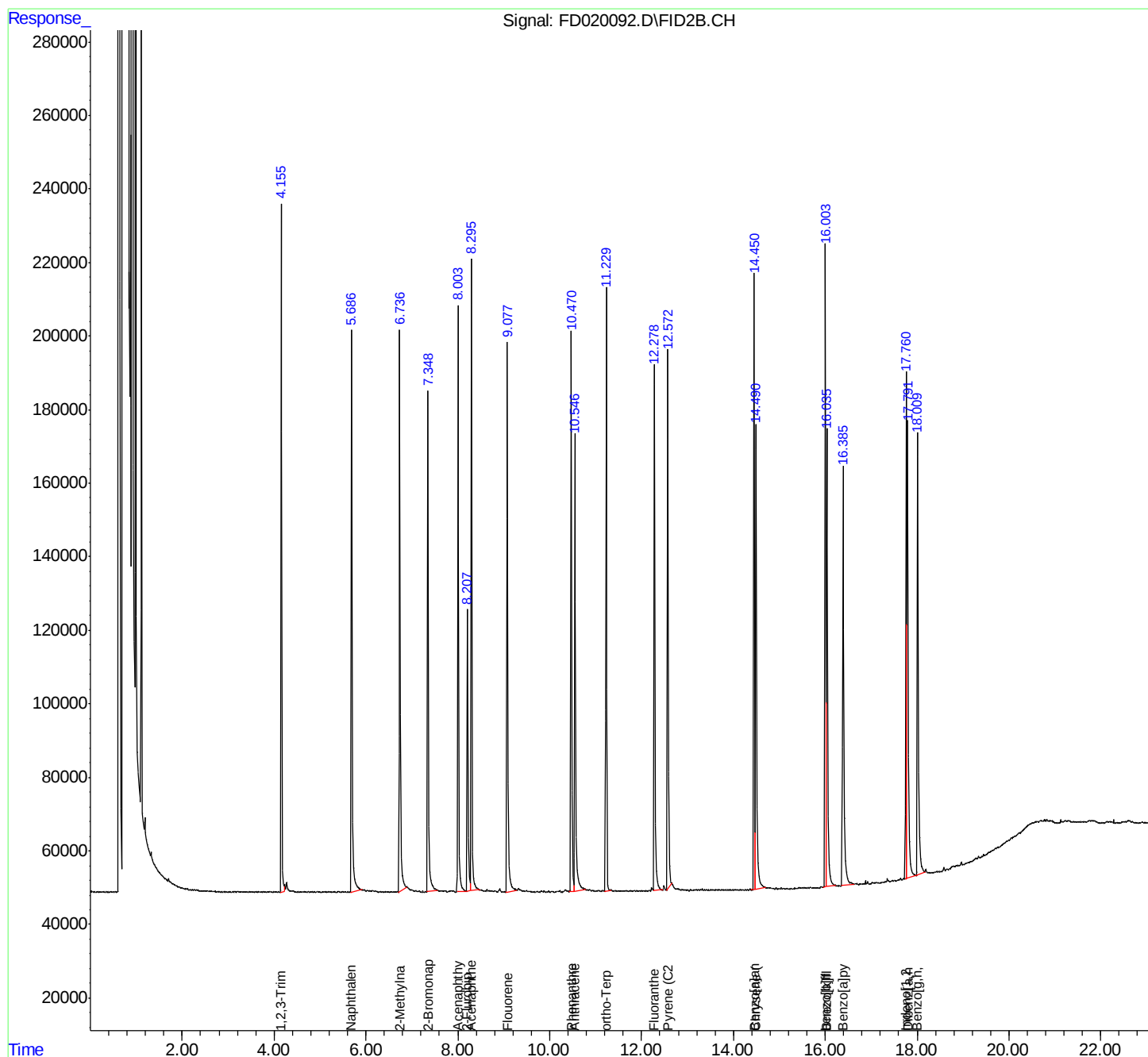
(f)=RT Delta > 1/2 Window

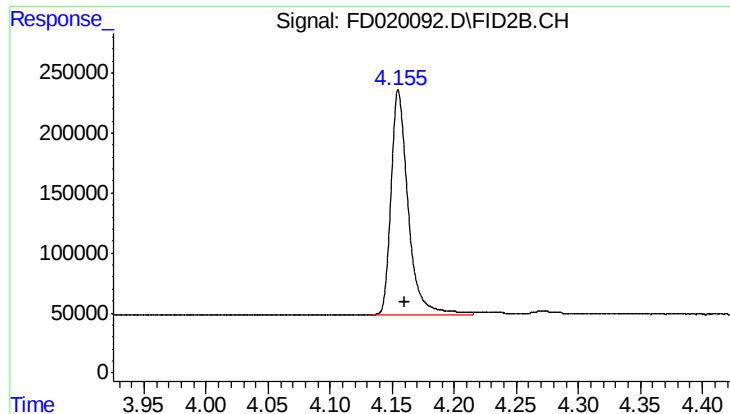
(m)=manual int.

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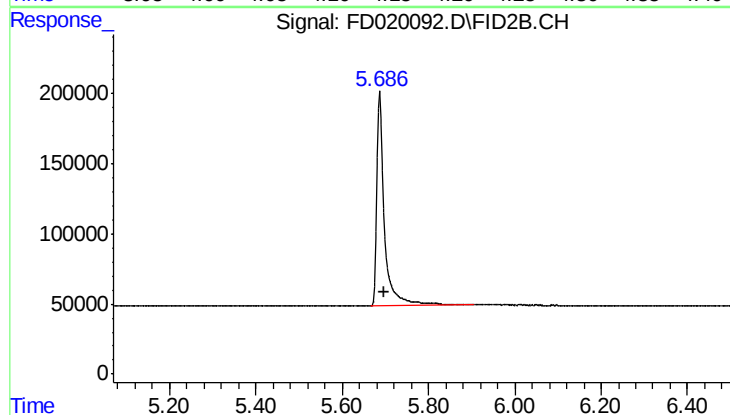
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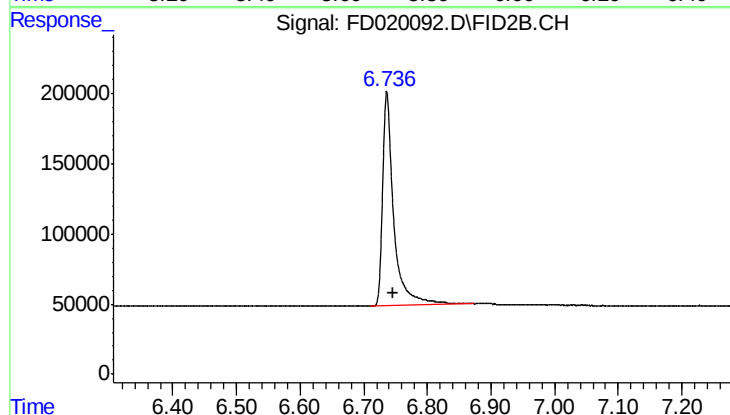
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: -0.005 min
Response: 1786406
Conc: 20.23 ug/ml



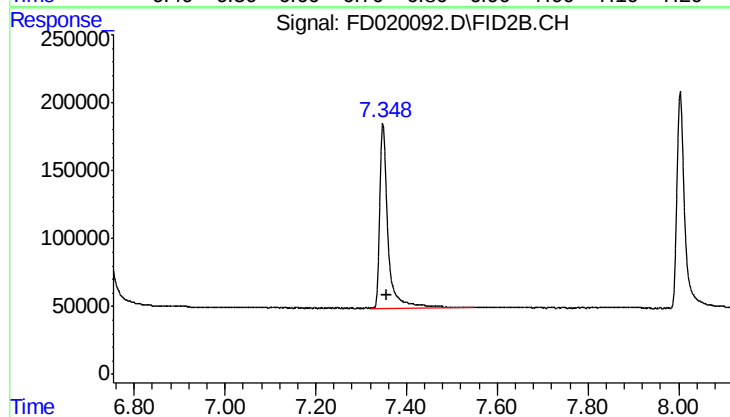
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.009 min
Response: 1869347
Conc: 20.90 ug/ml



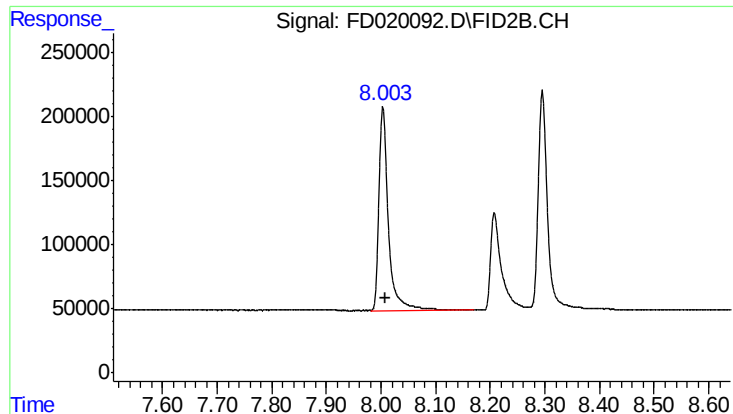
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.009 min
Response: 1851222
Conc: 20.38 ug/ml



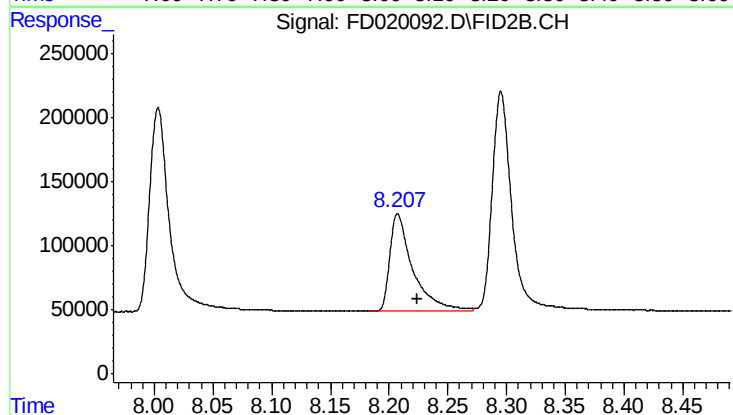
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.007 min
Response: 1711146
Conc: 20.43 ug/ml



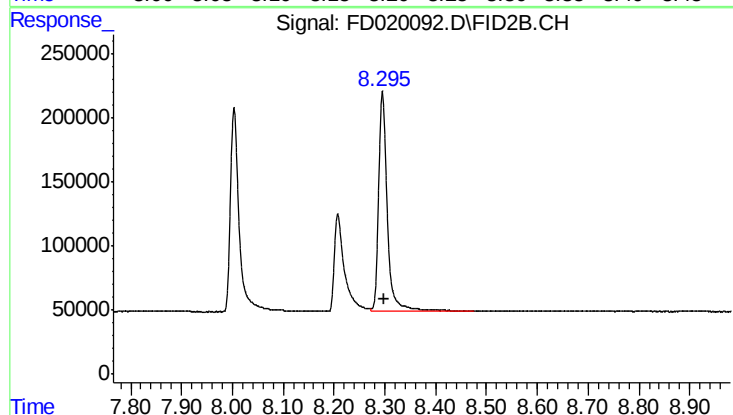
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.005 min
Response: 1916516
Conc: 20.01 ug/ml



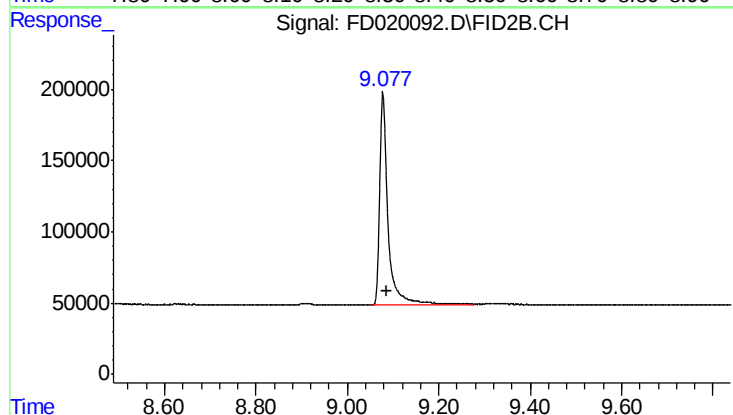
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.207 min
Delta R.T.: -0.017 min
Response: 1047987
Conc: 20.73 ug/ml



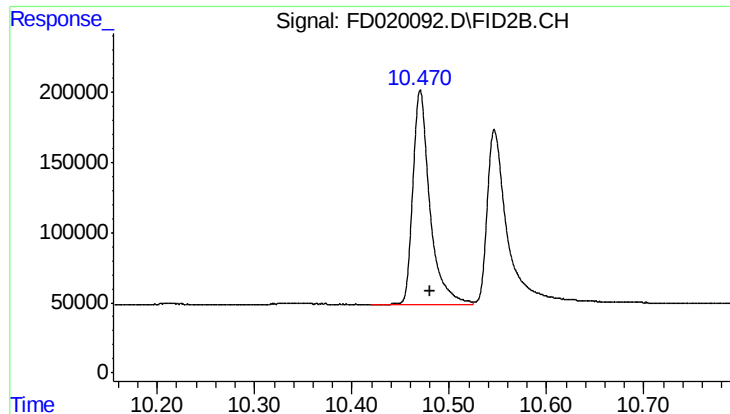
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.003 min
Response: 2040892
Conc: 19.92 ug/ml



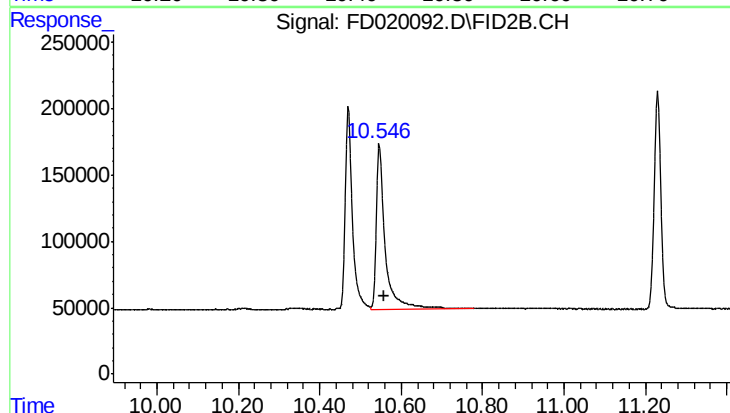
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 1878433
Conc: 20.03 ug/ml



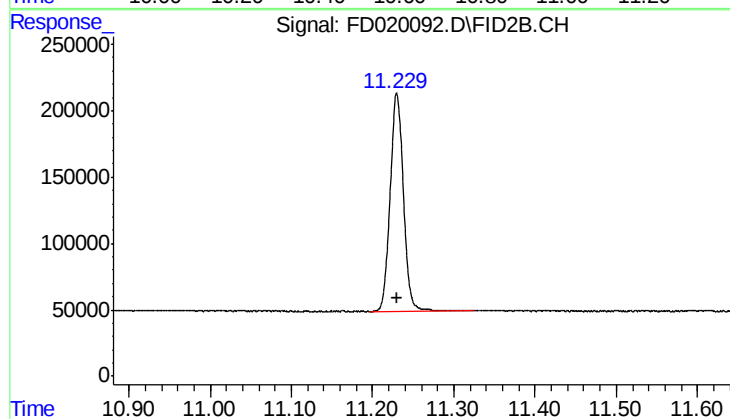
#9 Phenanthrene (C19.36)

R.T.: 10.470 min
Delta R.T.: -0.010 min
Response: 1841415
Conc: 19.76 ug/ml



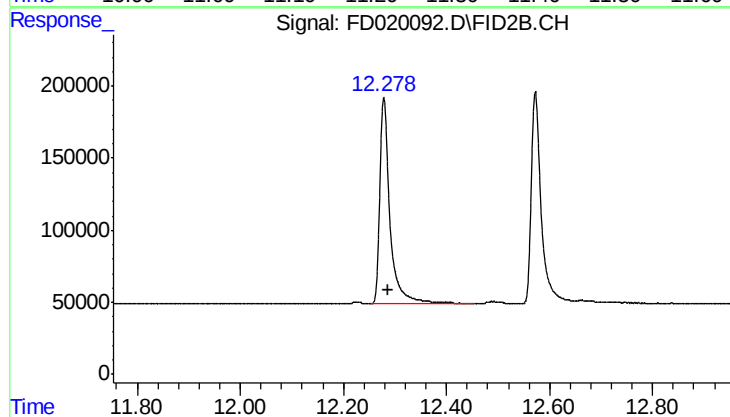
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.013 min
Response: 1866474
Conc: 19.68 ug/ml



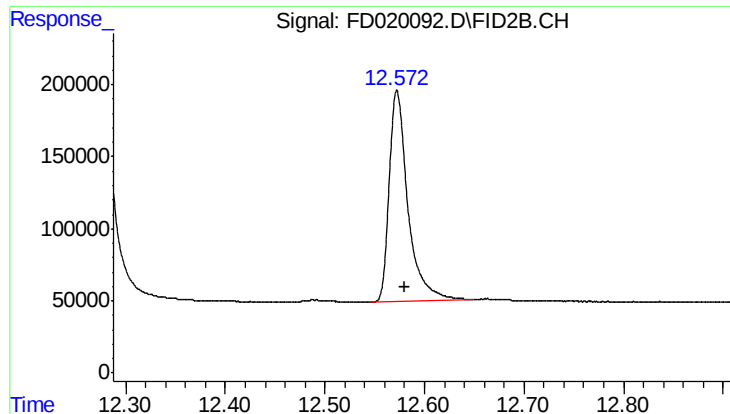
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1858884
Conc: 19.59 ug/ml



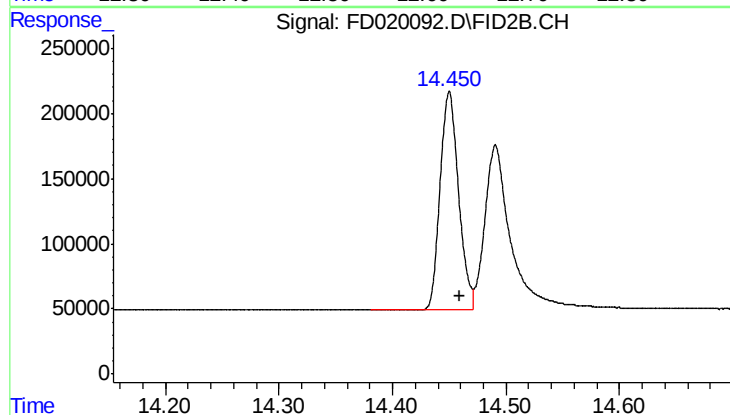
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.009 min
Response: 1944624
Conc: 19.39 ug/ml



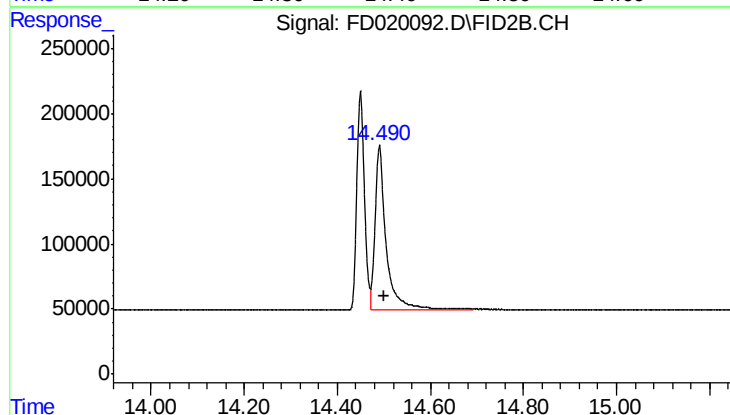
#13 Pyrene (C20.8)

R.T.: 12.572 min
Delta R.T.: -0.008 min
Response: 1899070
Conc: 18.69 ug/ml



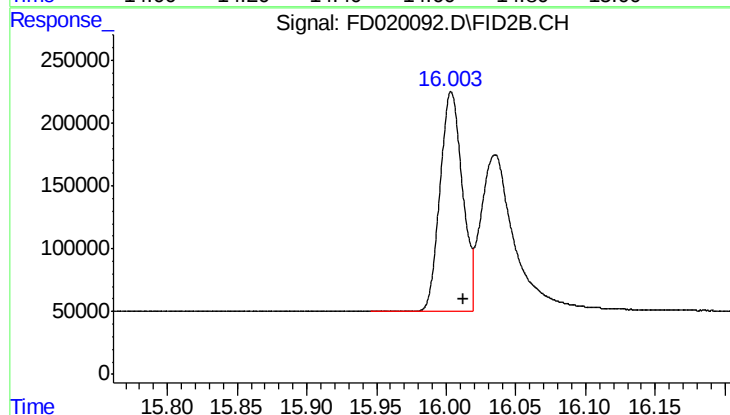
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.009 min
Response: 1885174
Conc: 19.55 ug/ml



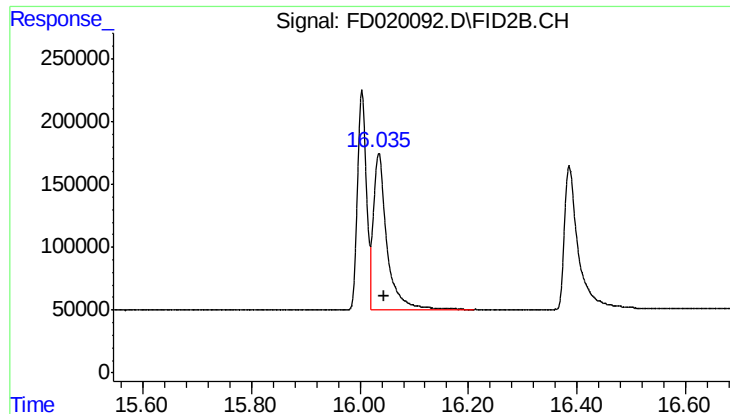
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.010 min
Response: 2058289
Conc: 19.07 ug/ml



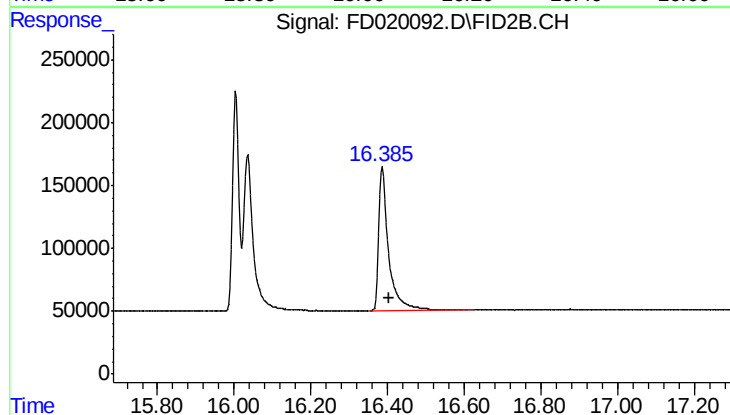
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.004 min
Delta R.T.: -0.008 min
Response: 1957919
Conc: 19.48 ug/ml



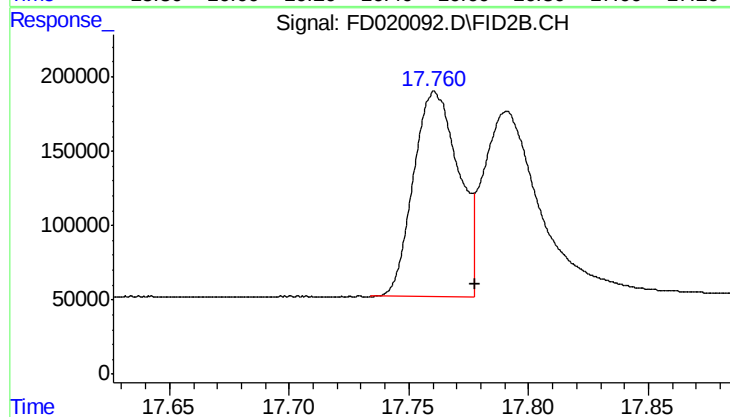
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: -0.011 min
Response: 2174061
Conc: 19.16 ug/ml



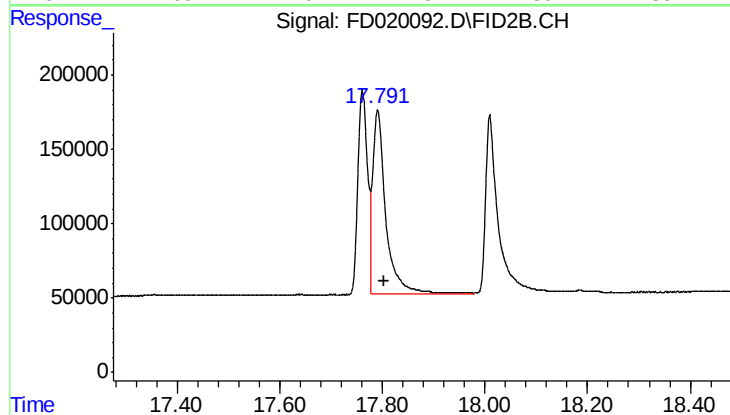
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.019 min
Response: 2050204
Conc: 19.51 ug/ml



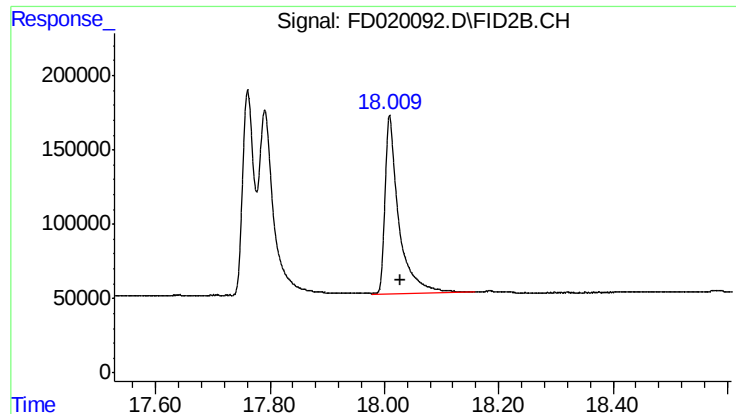
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: -0.017 min
Response: 1814435
Conc: 19.04 ug/ml m



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

R.T.: 17.791 min
Delta R.T.: -0.014 min
Response: 2225777
Conc: 19.59 ug/ml



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

R.T.: 18.009 min
Delta R.T.: -0.018 min
Response: 2001684
Conc: 19.27 ug/ml