

Data Path : P:\HPCHEM1\FID_D\Data\FD022118AR\
 Data File : FD020113.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2018 13:57
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 14:48:11 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	1735679	20.718 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.208	1060540	20.977 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.95%
11) S ortho-Terphenyl (SURR)	11.230	1961914	20.673 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	1862532	21.091 ug/ml
2) T Naphthalene (C11.7)	5.687	1892273	21.154 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	1843863	20.302 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1931953	20.173 ug/ml
7) T Acenaphthene (C15.5)	8.295	2068994	20.197 ug/ml
8) T Flouorene (C16.55)	9.078	1946973	20.764 ug/ml
9) T Phenanthrene (C19.36)	10.469	1969375	21.137 ug/ml
10) T Anthracene (C19.43)	10.547	1973878	20.816 ug/ml
12) T Fluoranthene (C21.85)	12.279	2137294	21.308 ug/ml
13) T Pyrene (C20.8)	12.573	2137274	21.037 ug/ml
14) T Benzo[a]anthracene (C...	14.449	2044891	21.206 ug/ml
15) T Chrysene (C27.41)	14.492	2239942	20.754 ug/ml
16) T benzo[b]fluoranthene ...	16.005	2116296	21.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	2320573	20.450 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	2084348	19.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	2380020	24.981 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	2380020	20.944 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	2115134	20.365 ug/ml

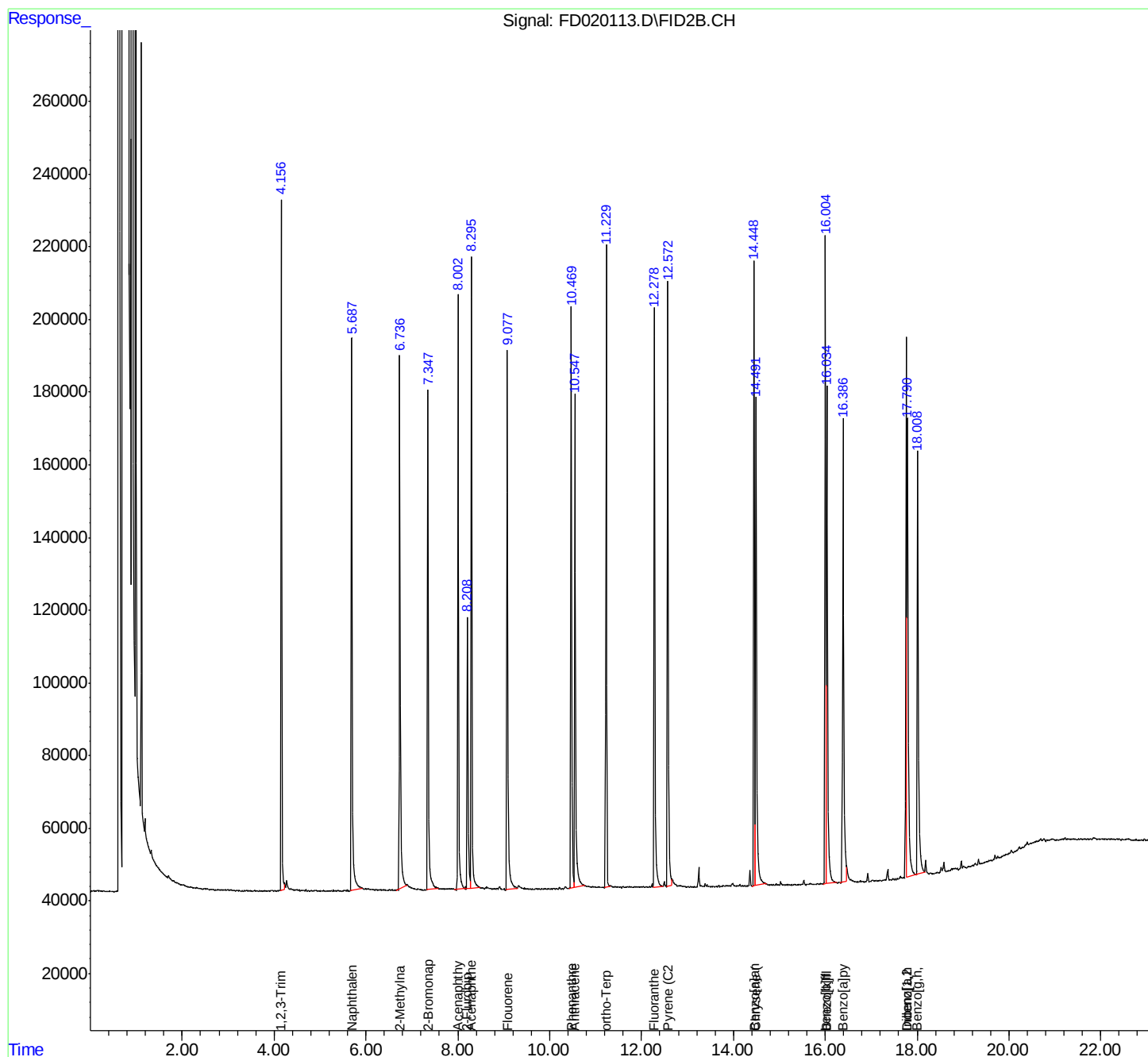
(f)=RT Delta > 1/2 Window

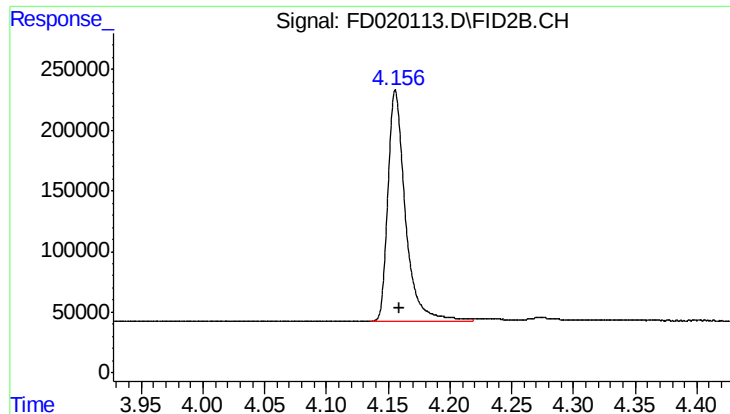
(m)=manual int.

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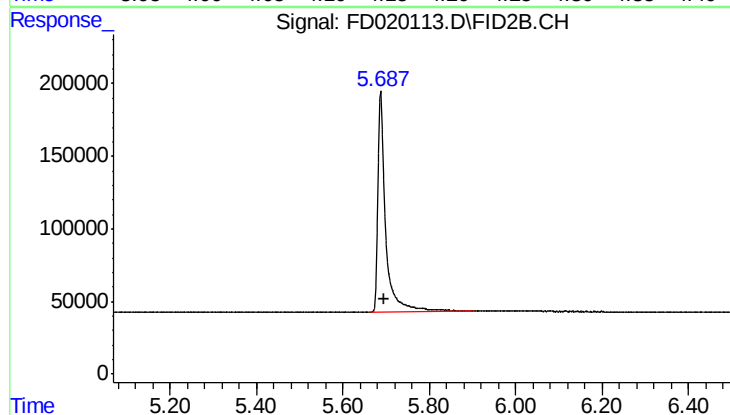
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Signal Info : 20M x 0.18mm x 0.18µm





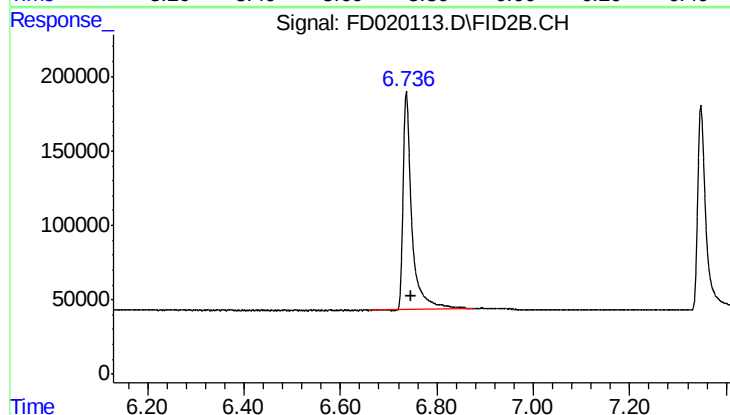
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 1862532
Conc: 21.09 ug/ml



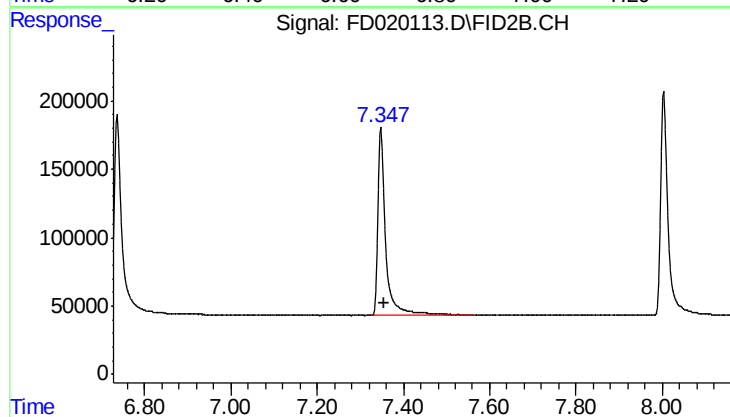
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.009 min
Response: 1892273
Conc: 21.15 ug/ml



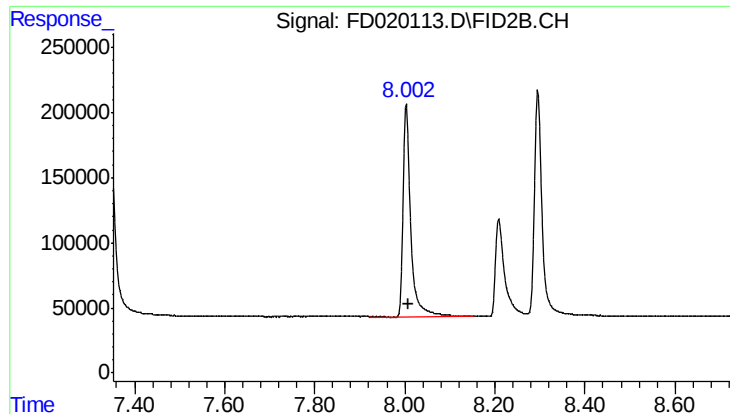
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.009 min
Response: 1843863
Conc: 20.30 ug/ml



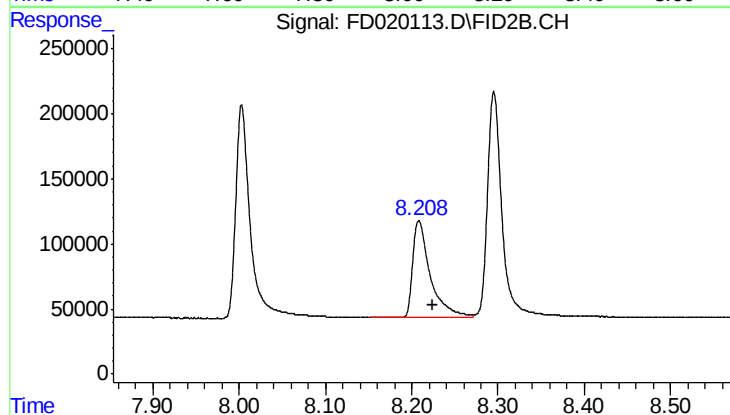
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 1735679
Conc: 20.72 ug/ml



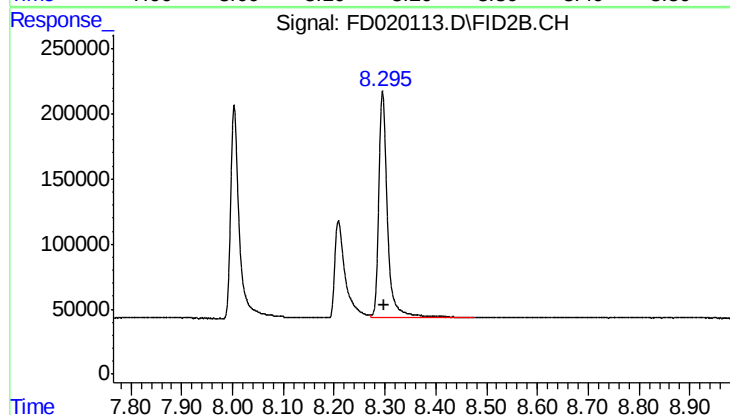
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 1931953
Conc: 20.17 ug/ml



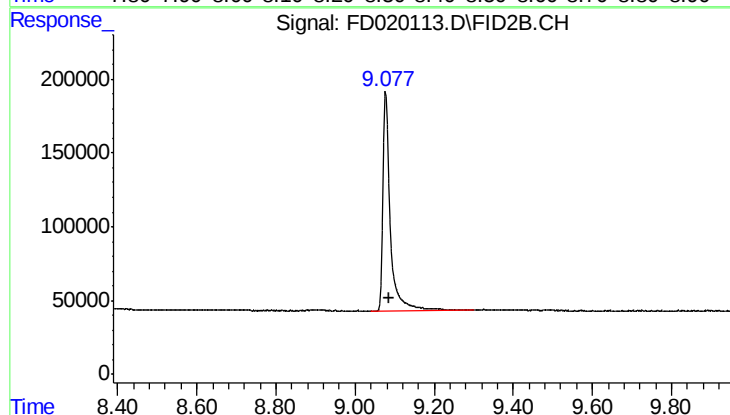
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.016 min
Response: 1060540
Conc: 20.98 ug/ml



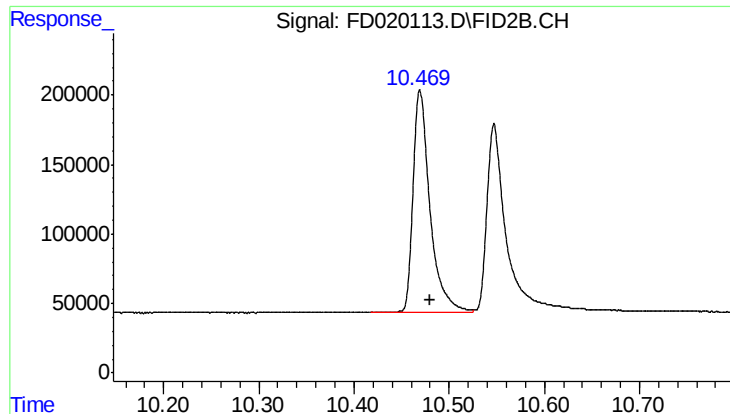
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.003 min
Response: 2068994
Conc: 20.20 ug/ml



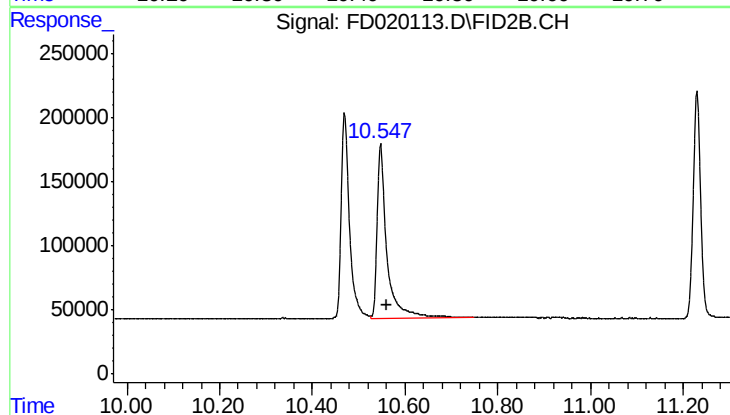
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 1946973
Conc: 20.76 ug/ml



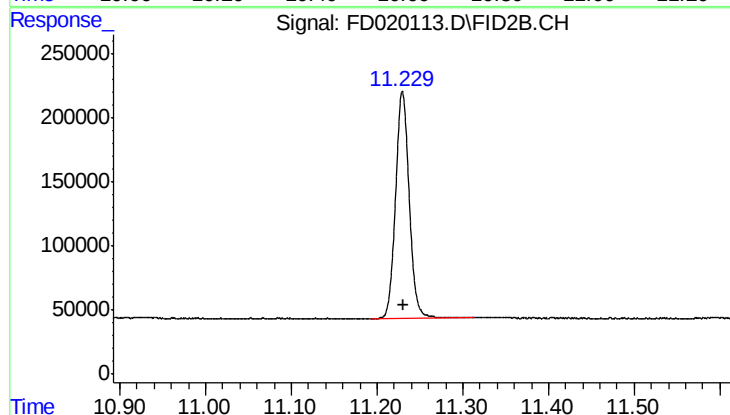
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.011 min
Response: 1969375
Conc: 21.14 ug/ml



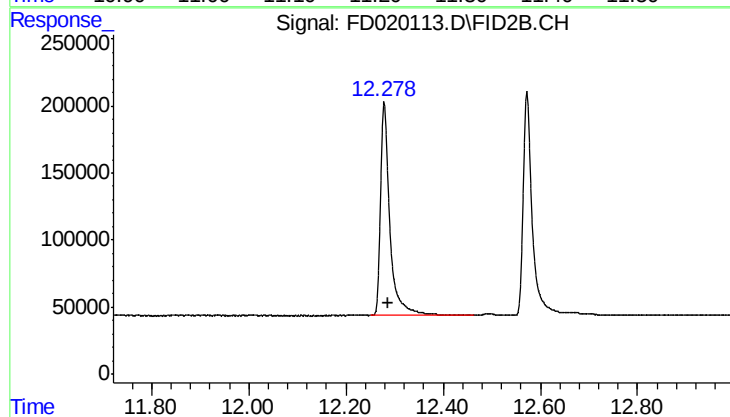
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: -0.012 min
Response: 1973878
Conc: 20.82 ug/ml



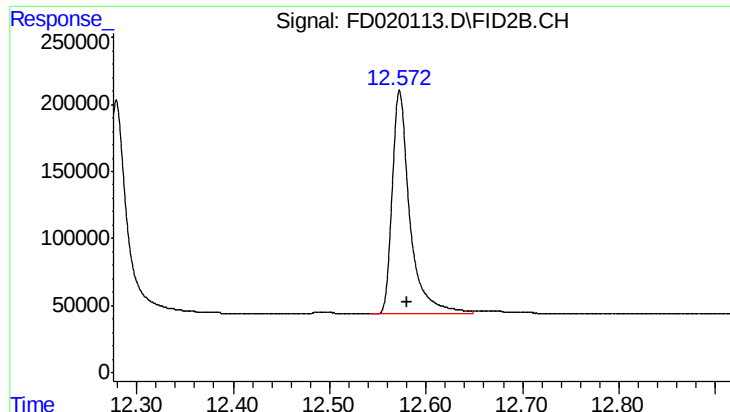
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1961914
Conc: 20.67 ug/ml



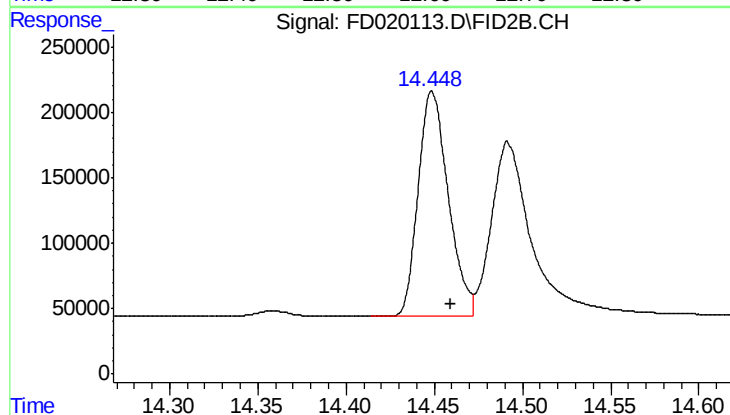
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.009 min
Response: 2137294
Conc: 21.31 ug/ml



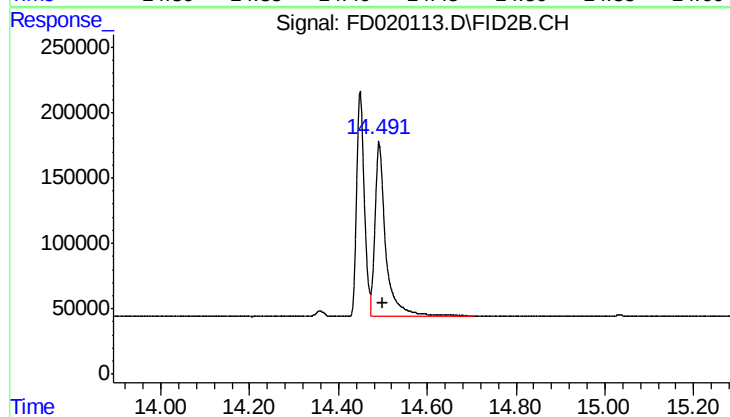
#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: -0.008 min
Response: 2137274
Conc: 21.04 ug/ml



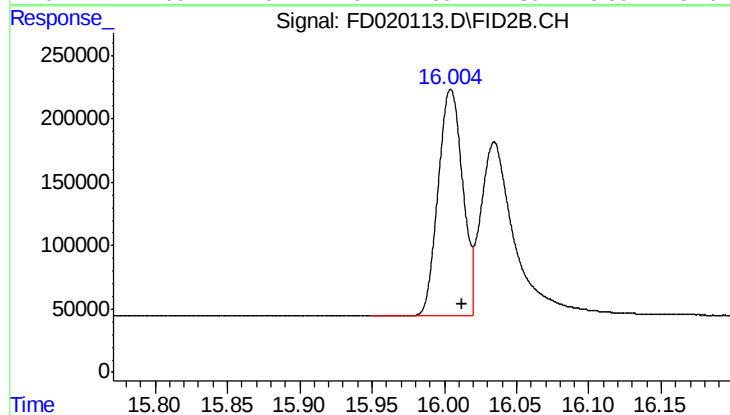
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: -0.010 min
Response: 2044891
Conc: 21.21 ug/ml



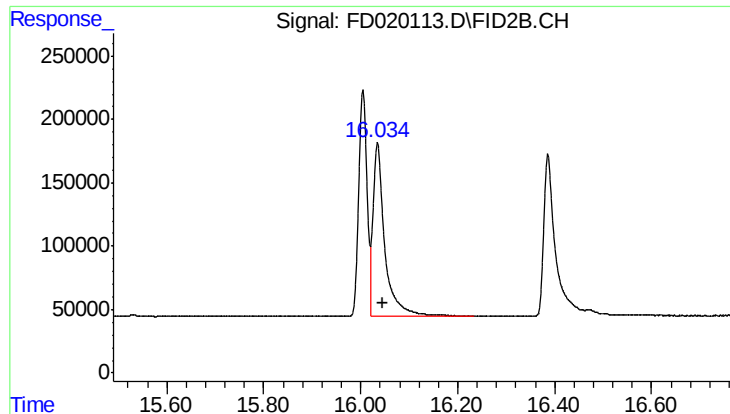
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.009 min
Response: 2239942
Conc: 20.75 ug/ml



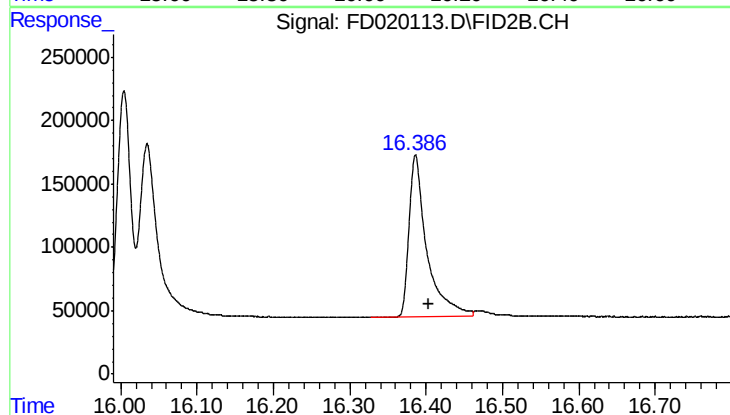
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min
Delta R.T.: -0.008 min
Response: 2116296
Conc: 21.05 ug/ml



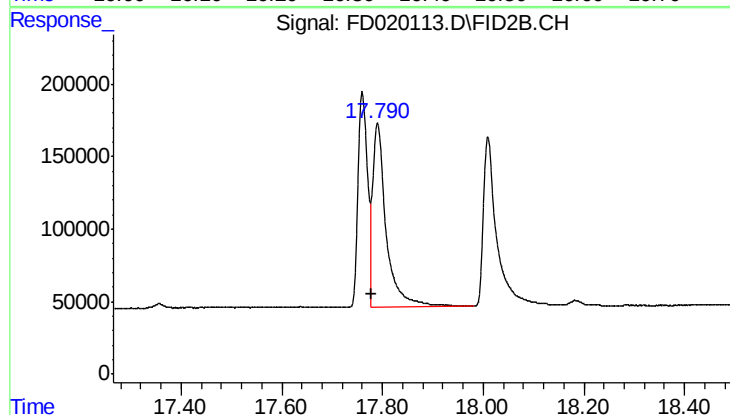
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: -0.011 min
Response: 2320573
Conc: 20.45 ug/ml



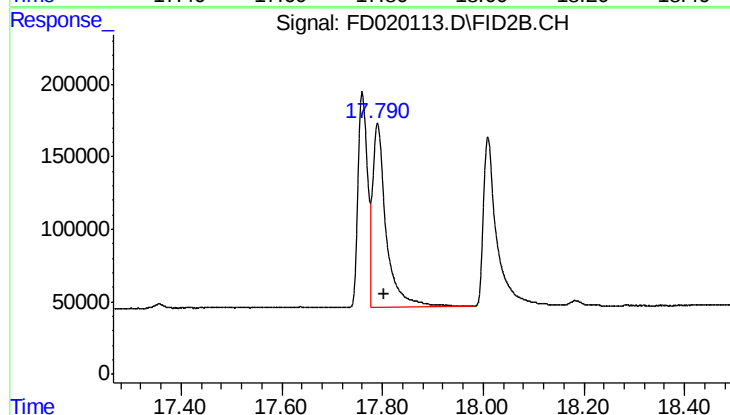
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.018 min
Response: 2084348
Conc: 19.83 ug/ml



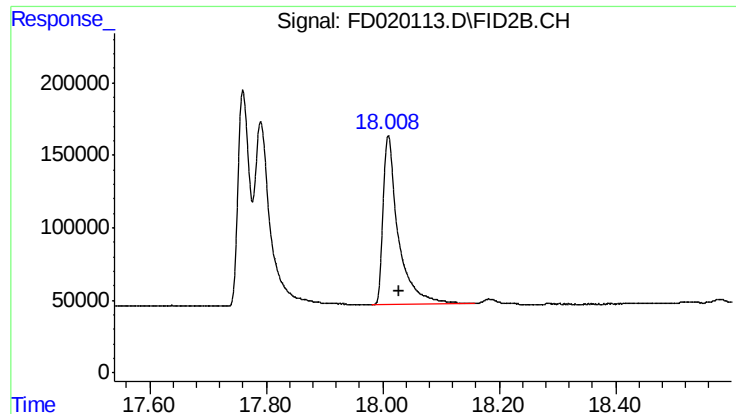
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: 0.013 min
Response: 2380020
Conc: 24.98 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.014 min
Response: 2380020
Conc: 20.94 ug/ml



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

R.T.: 18.010 min
Delta R.T.: -0.018 min
Response: 2115134
Conc: 20.36 ug/ml