

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020104.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2018 1:03
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 06:22:48 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	1767780	21.101 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
6) S 2-Fluorobiphenyl (SURR)	8.208	1072177	21.207 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.41%
11) S ortho-Terphenyl (SURR)	11.230	1949984	20.548 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	1932835	21.887 ug/ml
2) T Naphthalene (C11.7)	5.687	1944416	21.737 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1937964	21.338 ug/mlm
5) T Acenaphthylene (C15.06)	8.003	1970668	20.577 ug/ml
7) T Acenaphthene (C15.5)	8.295	2081028	20.315 ug/ml
8) T Fluorene (C16.55)	9.078	1931684	20.601 ug/ml
9) T Phenanthrene (C19.36)	10.470	1967899	21.121 ug/ml
10) T Anthracene (C19.43)	10.547	2006733	21.162 ug/ml
12) T Fluoranthene (C21.85)	12.279	2131183	21.247 ug/ml
13) T Pyrene (C20.8)	12.572	2135049	21.015 ug/ml
14) T Benzo[alanthracene (C...	14.448	2054001	21.300 ug/ml
15) T Chrysene (C27.41)	14.490	2247788	20.826 ug/ml
16) T benzo[blfluoranthene ...	16.003	2118558	21.074 ug/ml
17) T Bnezo[klfluoranthene ...	16.033	2347265	20.685 ug/ml
18) T Benzo[alpyrene (C31.34)	16.384	2171571	20.664 ug/ml
19) T Indeno[1,2,3-cd]pvren...	17.758	1885913	19.795 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.788	2420827	21.303 ug/ml
21) T Benzo[fa,h,ilpervlene ...	18.008	2193710	21.121 ug/ml

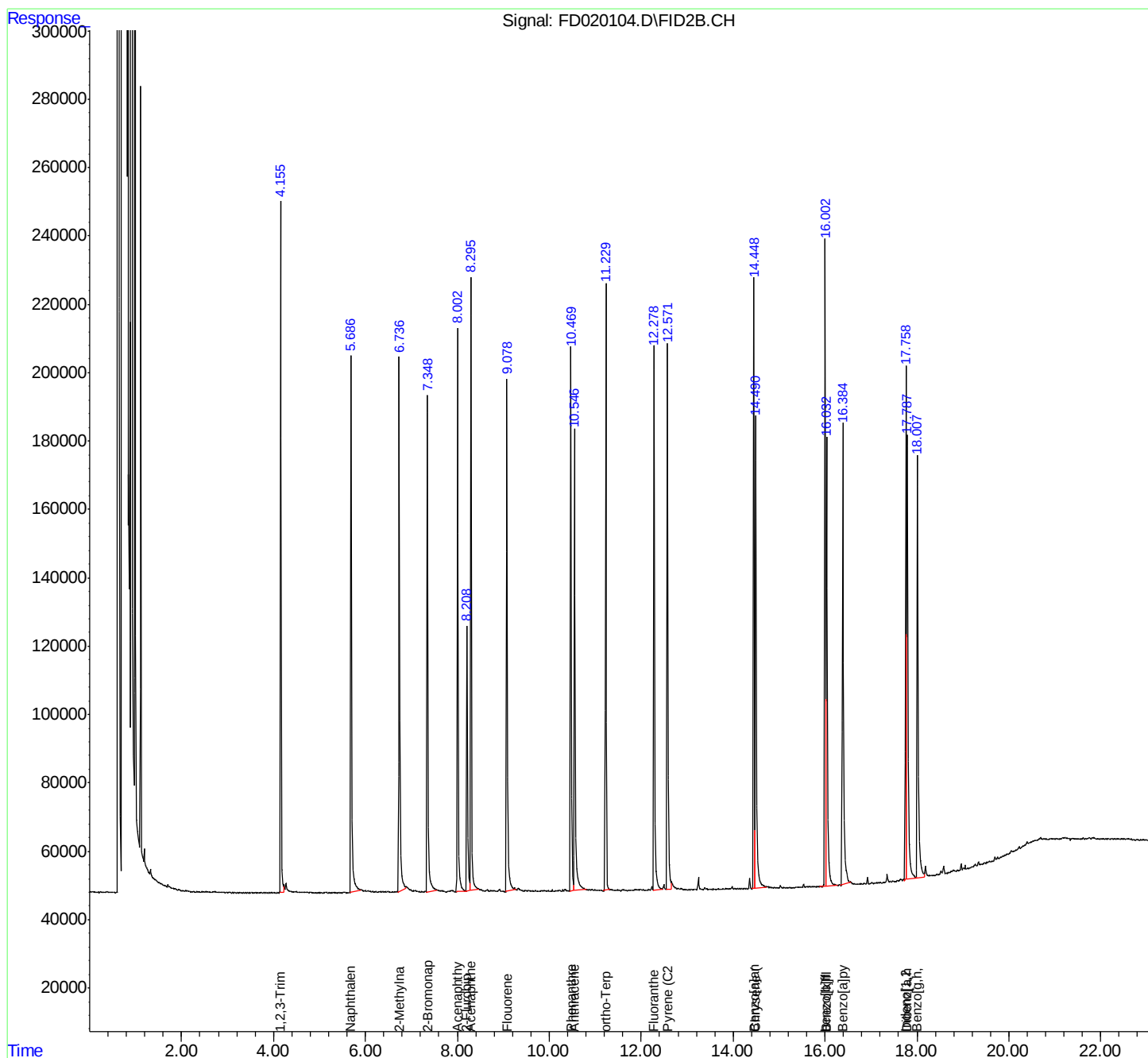
(f)=RT Delta > 1/2 Window

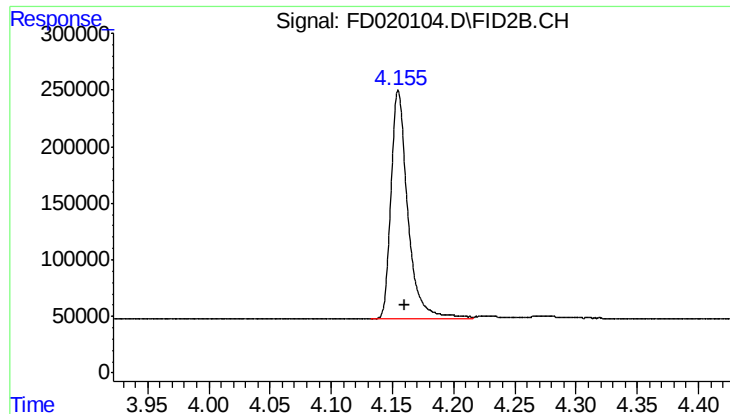
(m)=manual int.

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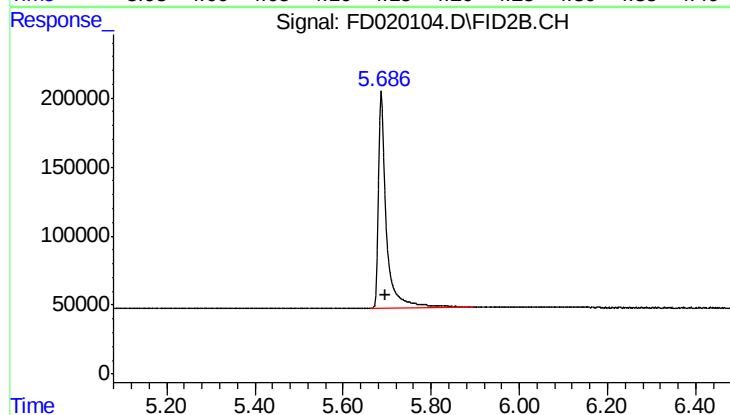
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Signal Info : 20M x 0.18mm x 0.18µm





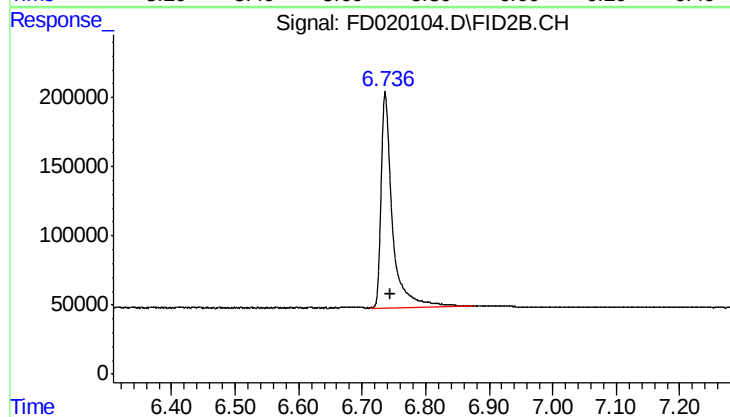
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: -0.005 min
Response: 1932835
Conc: 21.89 ug/ml



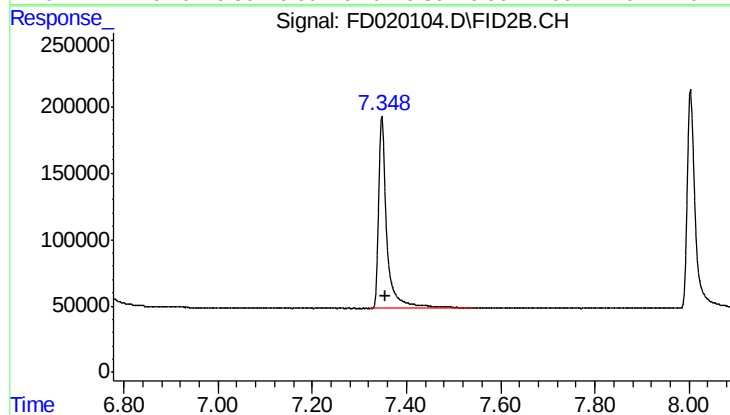
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.010 min
Response: 1944416
Conc: 21.74 ug/ml



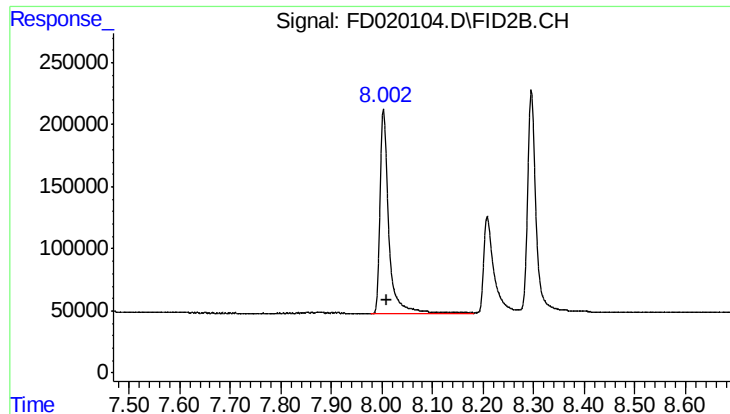
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.010 min
Response: 1937964
Conc: 21.34 ug/ml m



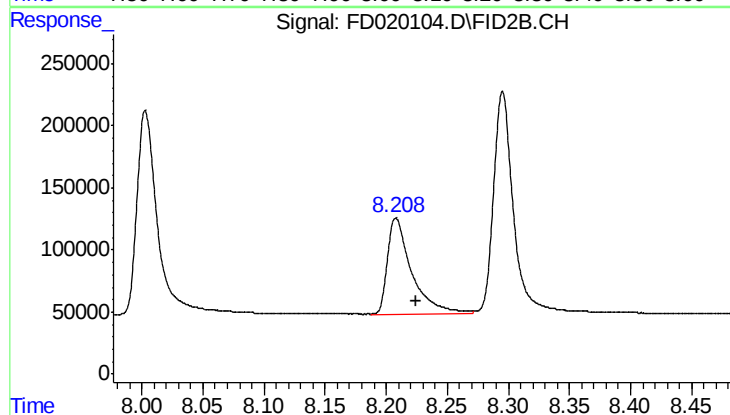
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.007 min
Response: 1767780
Conc: 21.10 ug/ml



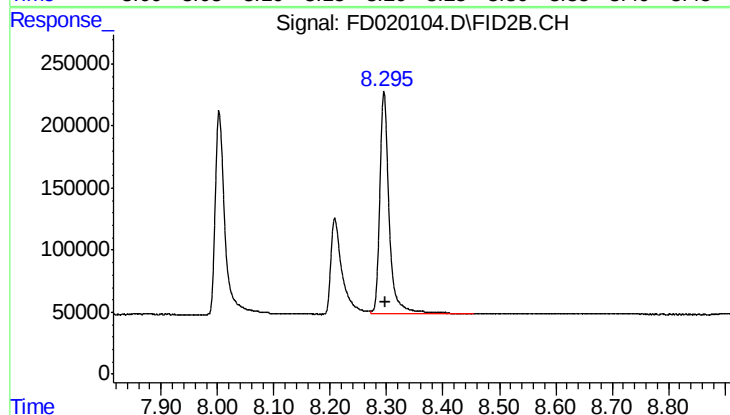
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 1970668
Conc: 20.58 ug/ml



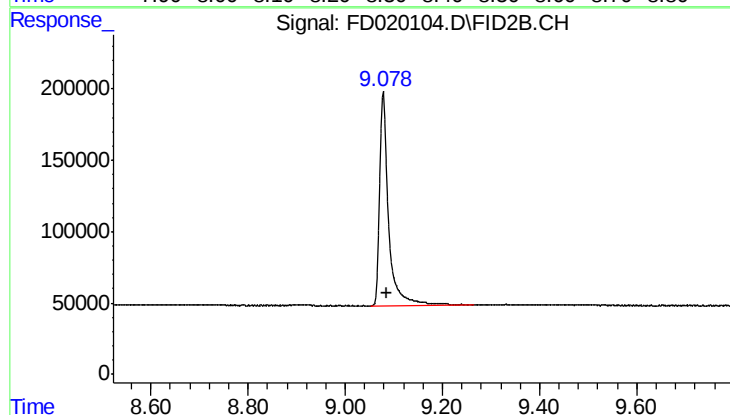
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.208 min
Delta R.T.: -0.016 min
Response: 1072177
Conc: 21.21 ug/ml



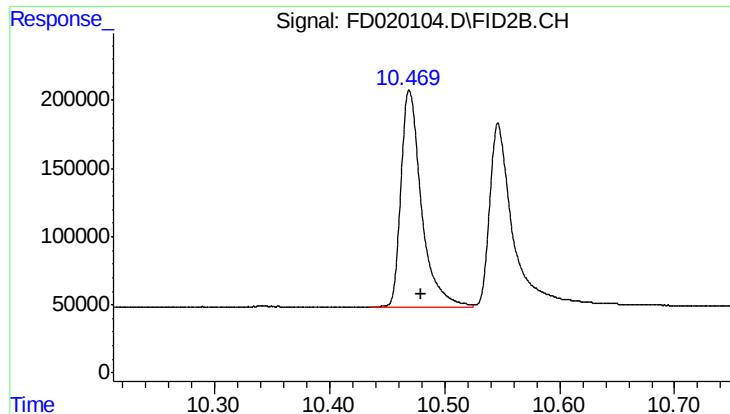
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.003 min
Response: 2081028
Conc: 20.31 ug/ml



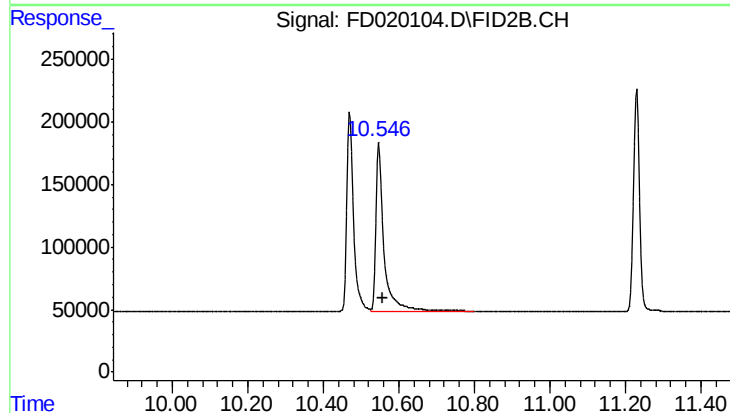
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.008 min
Response: 1931684
Conc: 20.60 ug/ml



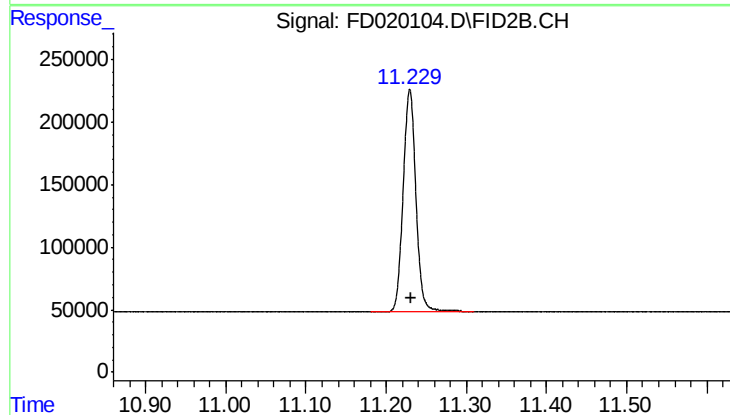
#9 Phenanthrene (C19.36)

R.T.: 10.470 min
Delta R.T.: -0.010 min
Response: 1967899
Conc: 21.12 ug/ml



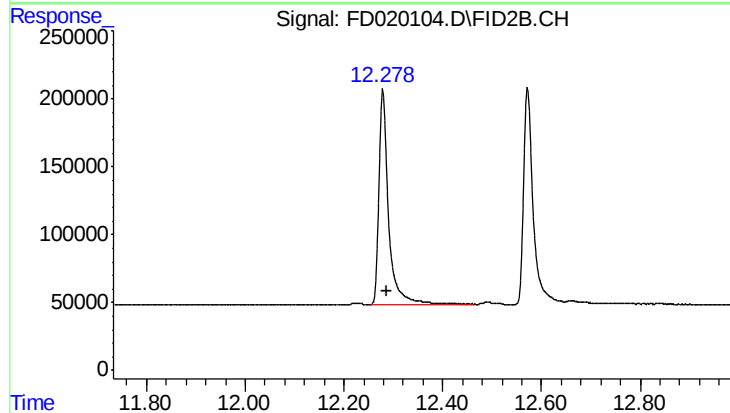
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: -0.013 min
Response: 2006733
Conc: 21.16 ug/ml



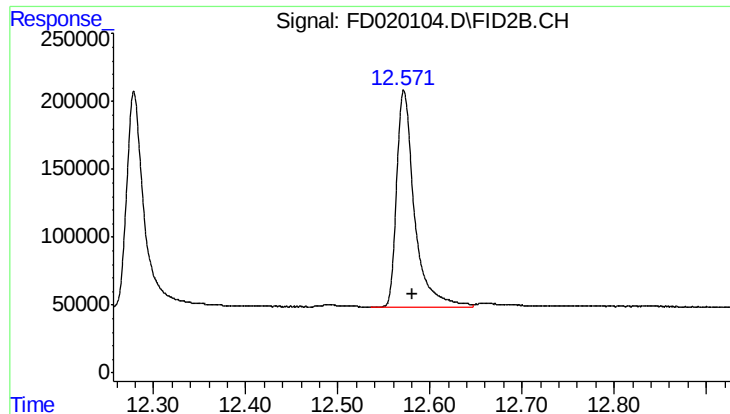
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1949984
Conc: 20.55 ug/ml



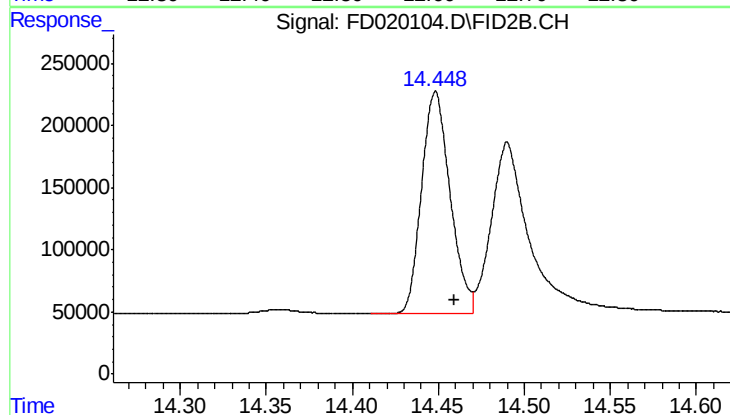
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.009 min
Response: 2131183
Conc: 21.25 ug/ml



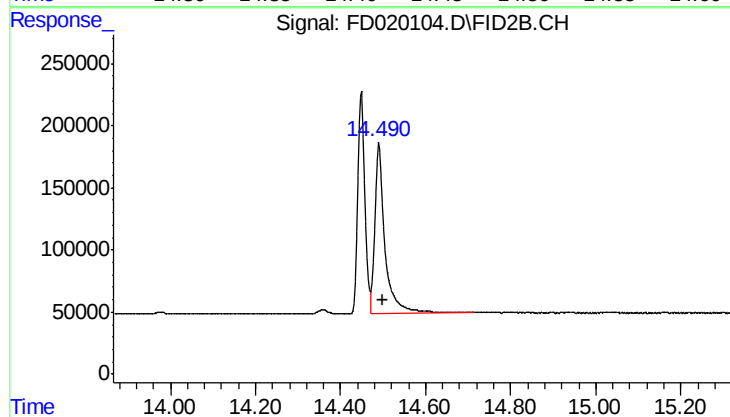
#13 Pyrene (C20.8)

R.T.: 12.572 min
Delta R.T.: -0.008 min
Response: 2135049
Conc: 21.01 ug/ml



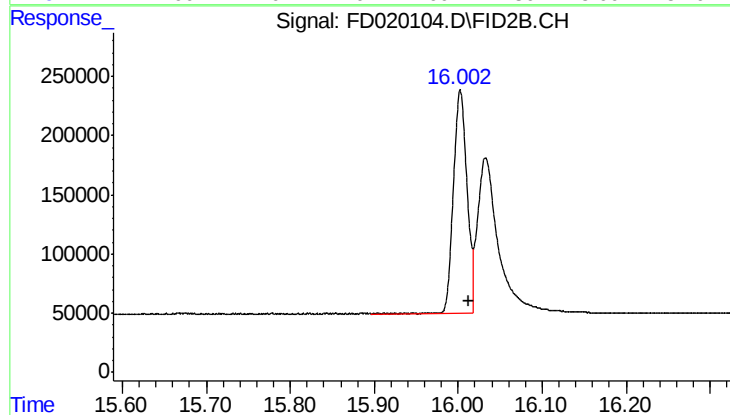
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: -0.011 min
Response: 2054001
Conc: 21.30 ug/ml



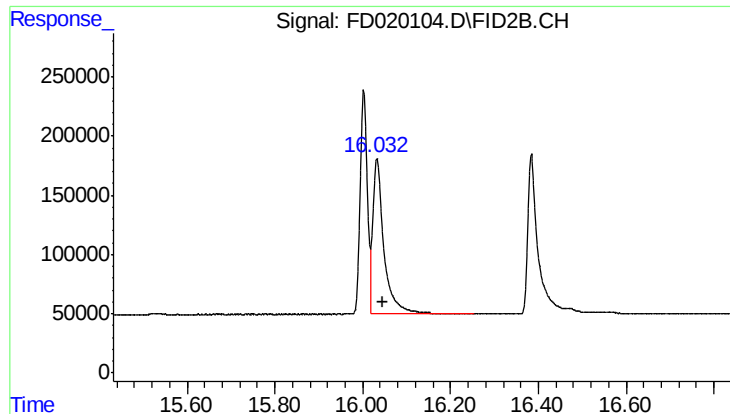
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: -0.010 min
Response: 2247788
Conc: 20.83 ug/ml



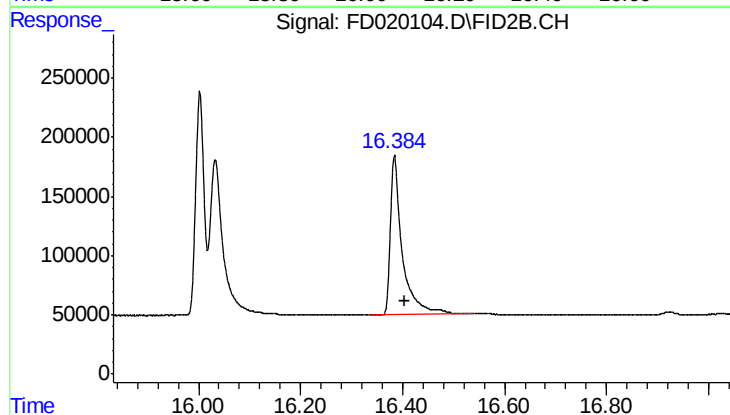
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min
Delta R.T.: -0.010 min
Response: 2118558
Conc: 21.07 ug/ml



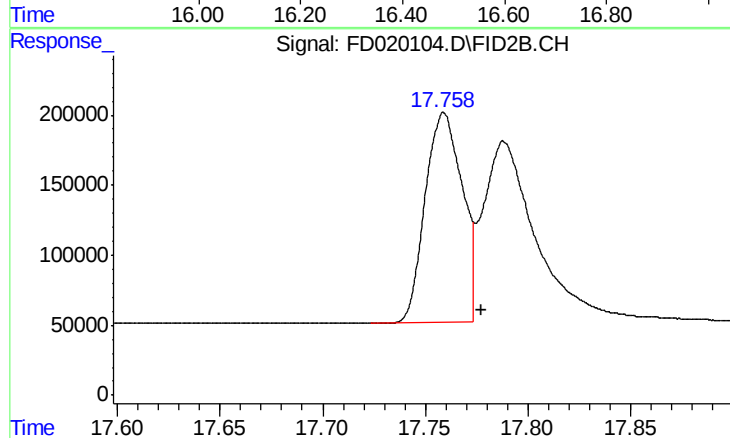
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: -0.013 min
Response: 2347265
Conc: 20.69 ug/ml



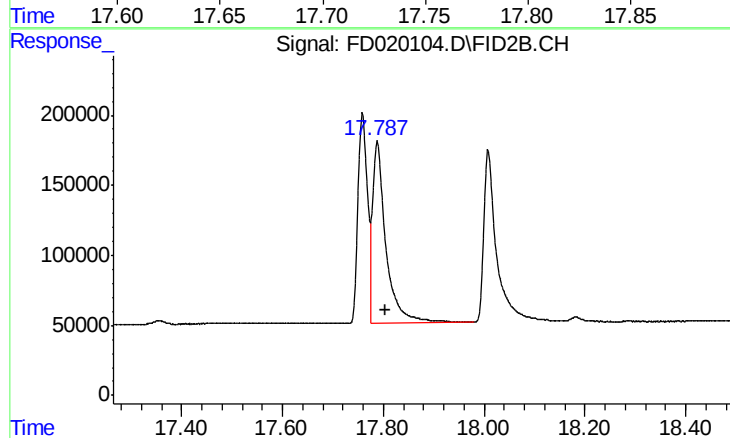
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.020 min
Response: 2171571
Conc: 20.66 ug/ml



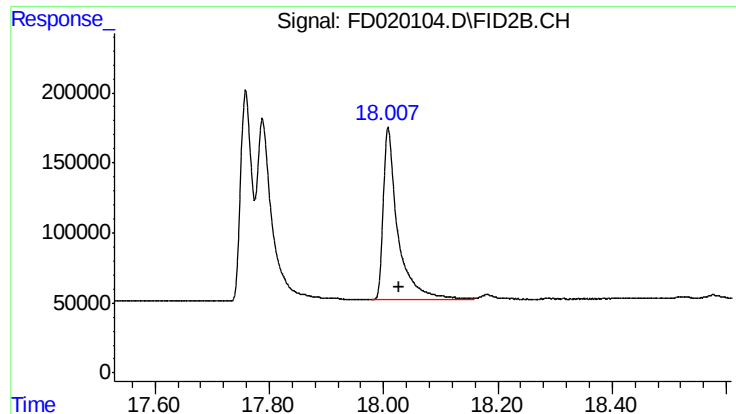
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: -0.019 min
Response: 1885913
Conc: 19.79 ug/ml m



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

R.T.: 17.788 min
Delta R.T.: -0.016 min
Response: 2420827
Conc: 21.30 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.020 min
Response: 2193710
Conc: 21.12 ug/ml