

Data Path : P:\HPCHEM1\FID D\Data\FD022318AR\
 Data File : FD020136.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2018 14:06
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 22:25:09 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...	7.345	1760966	21.020 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
6) S 2-Fluorobiphenyl (SURR)	8.207	1056254	20.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.78%
11) S ortho-Terphenyl (SURR)	11.227	1947381	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	1813995	20.541 ug/ml
2) T Naphthalene (C11.7)	5.685	1879706	21.013 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	1950596	21.478 ug/mlm
5) T Acenaphthylene (C15.06)	8.001	1972410	20.595 ug/ml
7) T Acenaphthene (C15.5)	8.293	2135511	20.846 ug/ml
8) T Fluorene (C16.55)	9.076	1926141	20.542 ug/ml
9) T Phenanthrene (C19.36)	10.468	1911912	20.520 ug/ml
10) T Anthracene (C19.43)	10.545	1942981	20.490 ug/ml
12) T Fluoranthene (C21.85)	12.277	2030358	20.242 ug/ml
13) T Pyrene (C20.8)	12.570	2010189	19.786 ug/ml
14) T Benzo[alanthracene (C...	14.447	1890485	19.605 ug/ml
15) T Chrysene (C27.41)	14.489	2084445	19.313 ug/ml
16) T benzo[blfluoranthene ...	16.002	1984260	19.738 ug/ml
17) T Bnezo[klfluoranthene ...	16.033	2241790	19.756 ug/ml
18) T Benzo[alpyrene (C31.34)	16.384	1950967	18.564 ug/ml
19) T Indeno[1,2,3-cd]pvren...	17.759	1776321	18.644 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.789	2294943	20.195 ug/ml
21) T Benzo[fa,h,ilpervlene ...	18.007	1988623	19.147 ug/ml

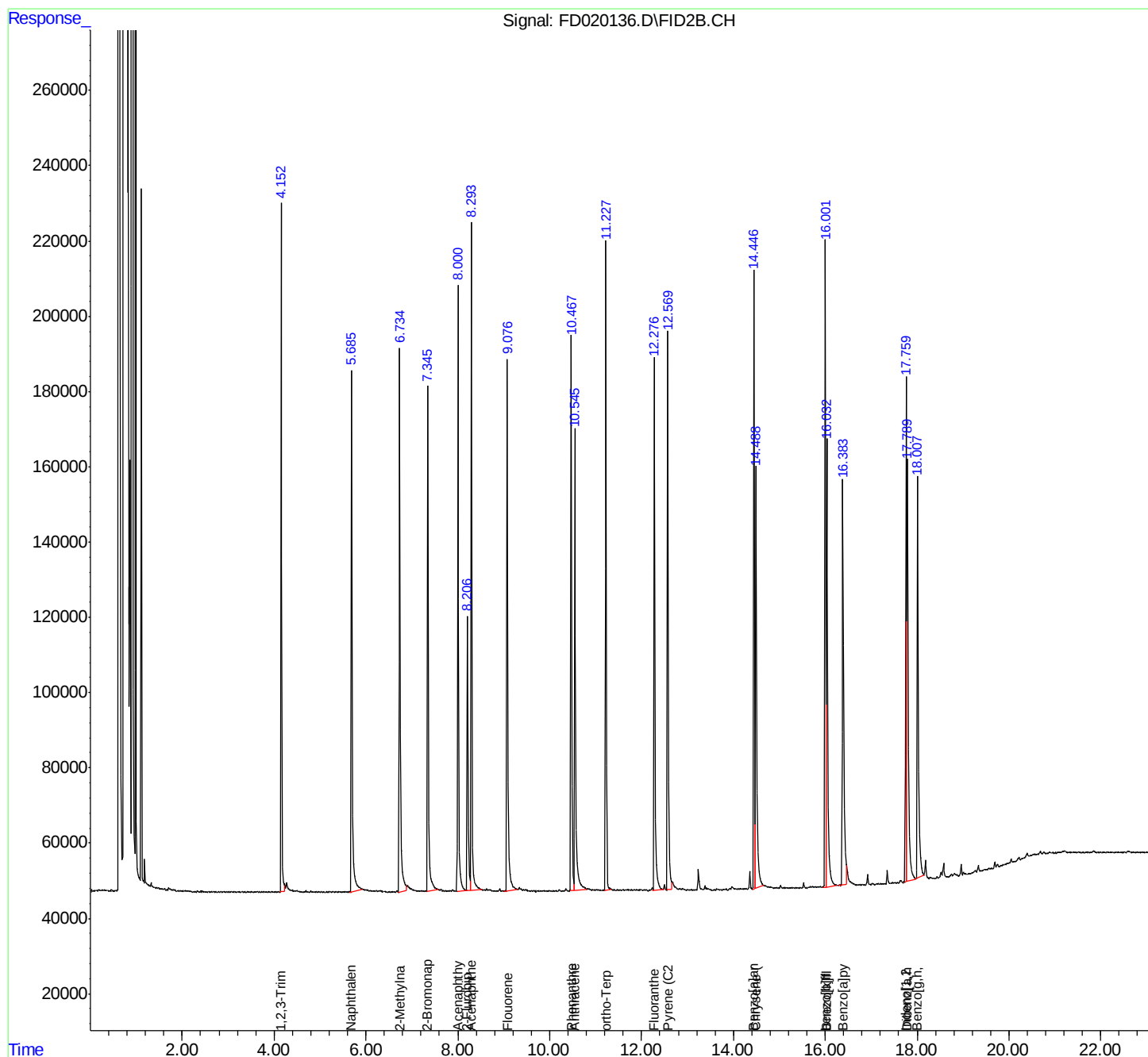
(f)=RT Delta > 1/2 Window

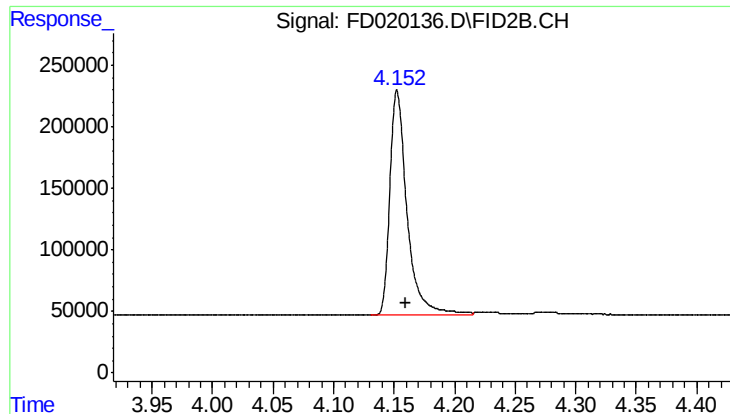
(m)=manual int.

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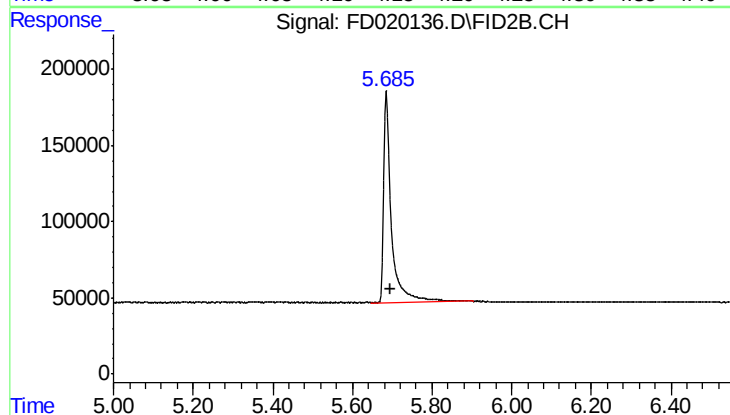
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





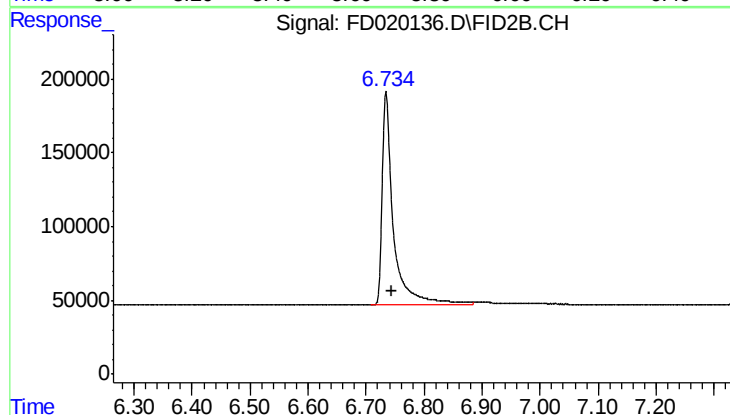
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.153 min
Delta R.T.: -0.007 min
Response: 1813995
Conc: 20.54 ug/ml



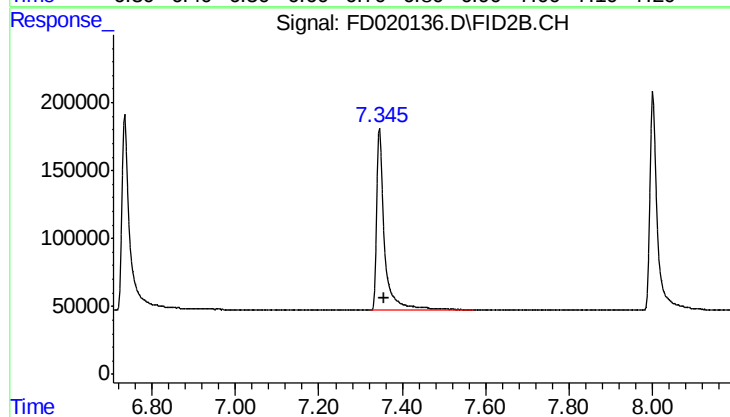
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.011 min
Response: 1879706
Conc: 21.01 ug/ml



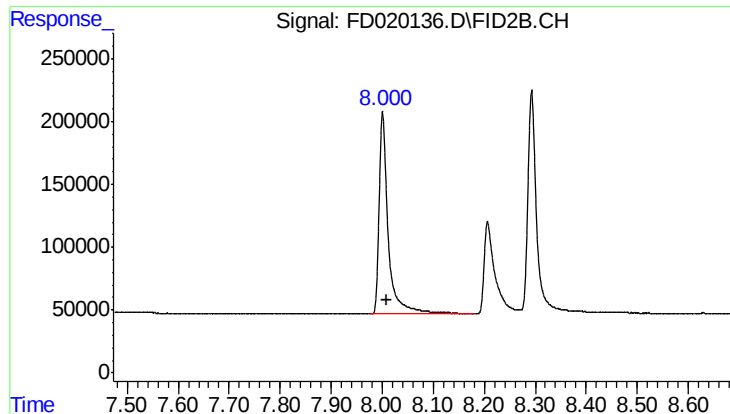
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.012 min
Response: 1950596
Conc: 21.48 ug/ml m



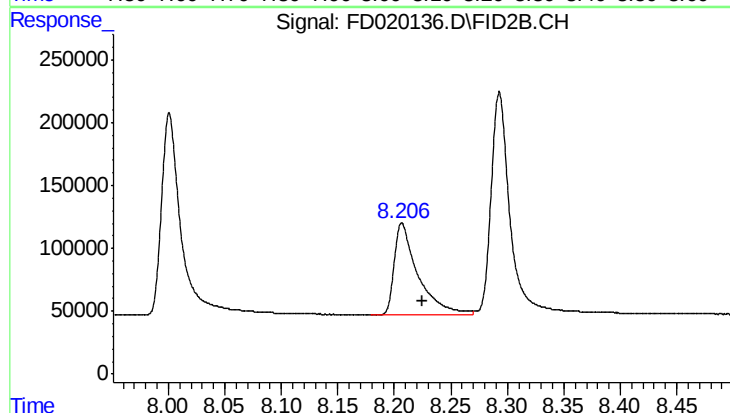
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.010 min
Response: 1760966
Conc: 21.02 ug/ml



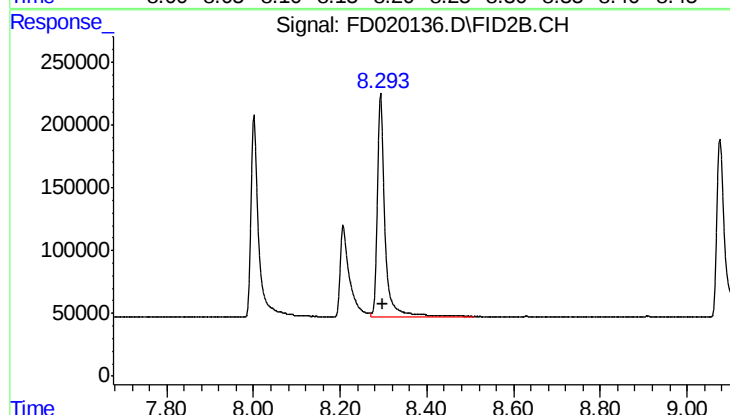
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 1972410
Conc: 20.60 ug/ml



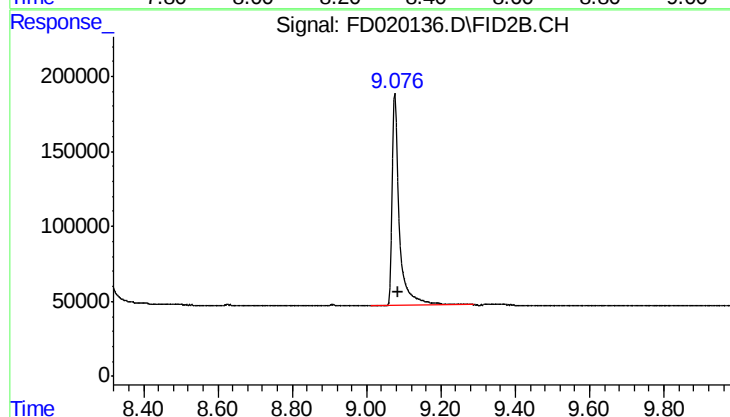
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.207 min
Delta R.T.: -0.018 min
Response: 1056254
Conc: 20.89 ug/ml



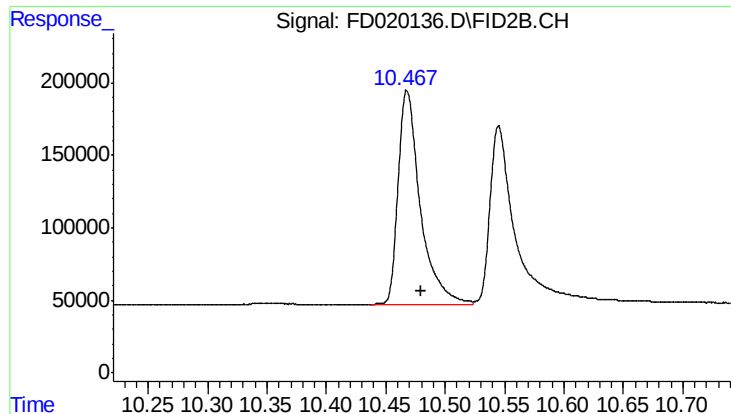
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 2135511
Conc: 20.85 ug/ml



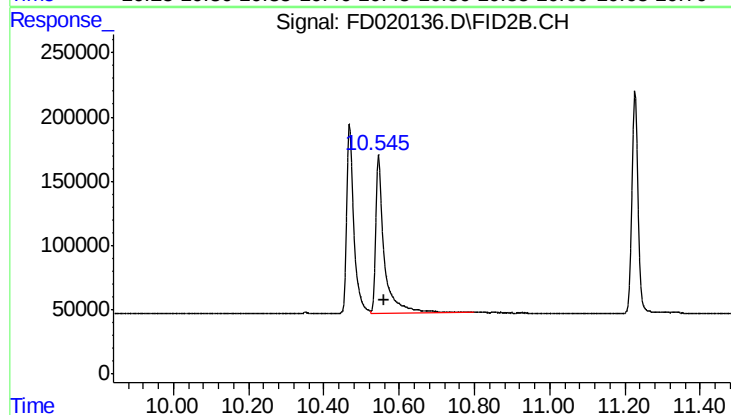
#8 Fluorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.011 min
Response: 1926141
Conc: 20.54 ug/ml



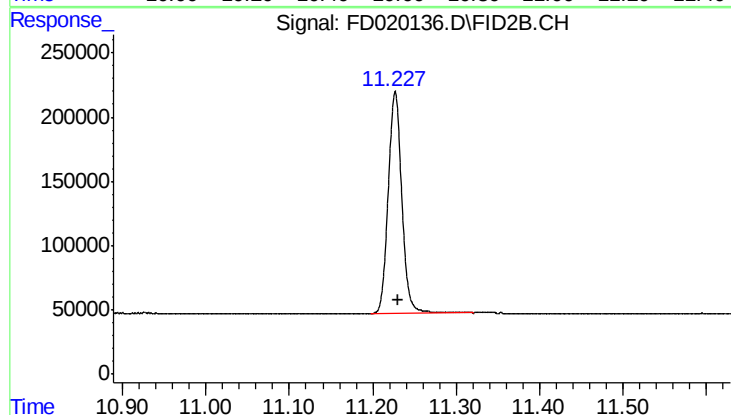
#9 Phenanthrene (C19.36)

R.T.: 10.468 min
Delta R.T.: -0.012 min
Response: 1911912
Conc: 20.52 ug/ml



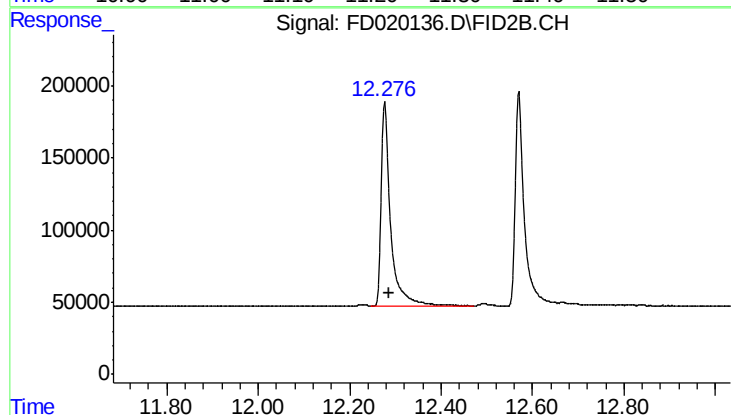
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.014 min
Response: 1942981
Conc: 20.49 ug/ml



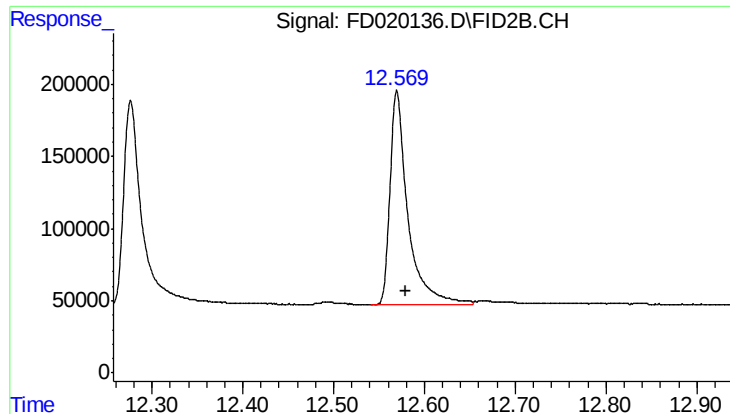
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 1947381
Conc: 20.52 ug/ml



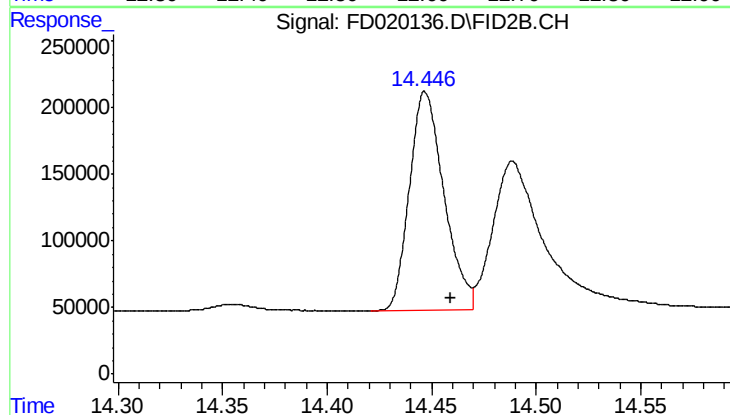
#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: -0.011 min
Response: 2030358
Conc: 20.24 ug/ml



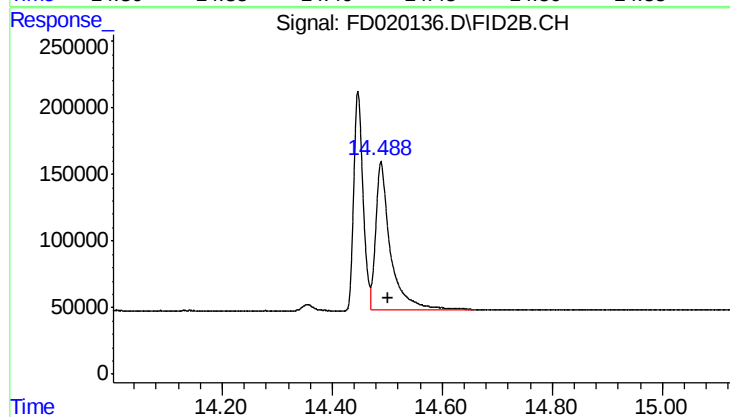
#13 Pyrene (C20.8)

R.T.: 12.570 min
Delta R.T.: -0.010 min
Response: 2010189
Conc: 19.79 ug/ml



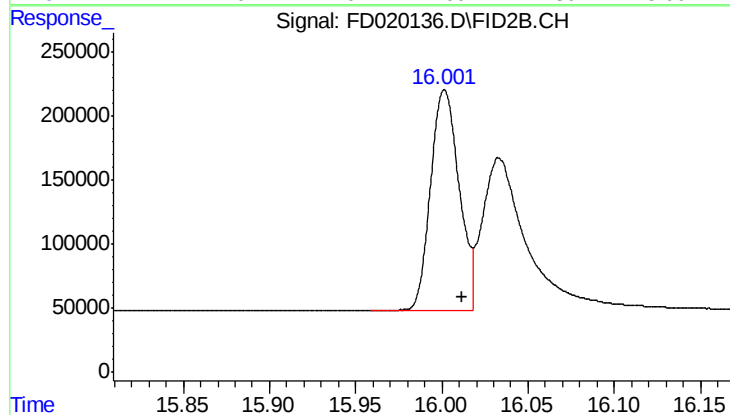
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: -0.012 min
Response: 1890485
Conc: 19.60 ug/ml



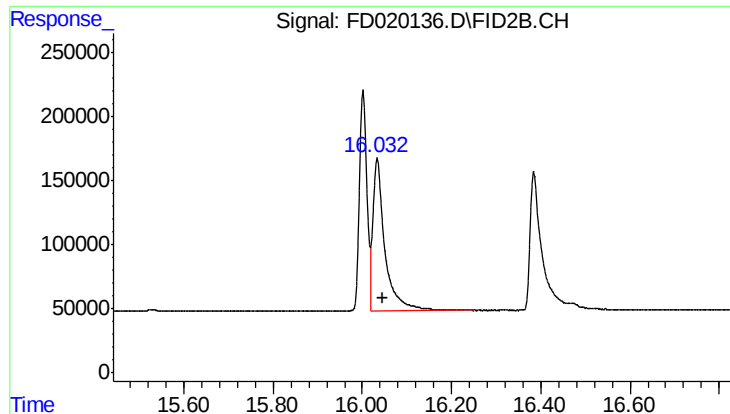
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.012 min
Response: 2084445
Conc: 19.31 ug/ml



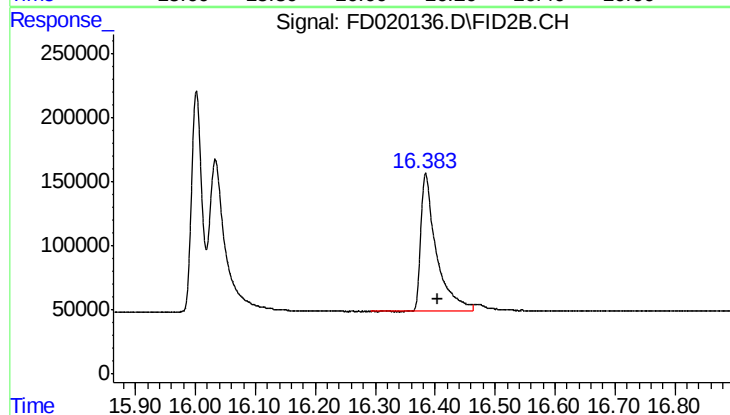
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.002 min
Delta R.T.: -0.011 min
Response: 1984260
Conc: 19.74 ug/ml



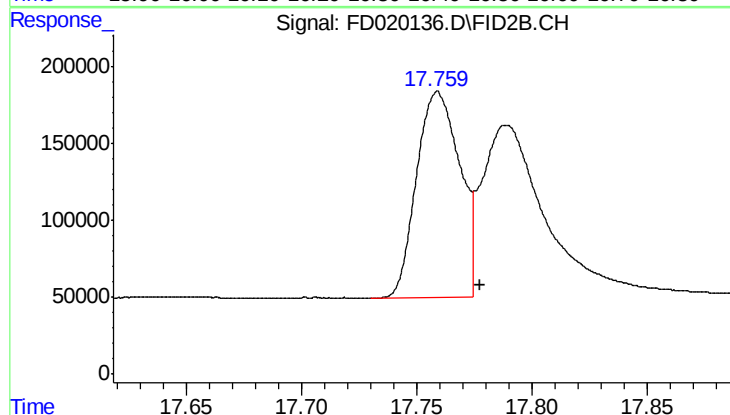
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: -0.012 min
Response: 2241790
Conc: 19.76 ug/ml



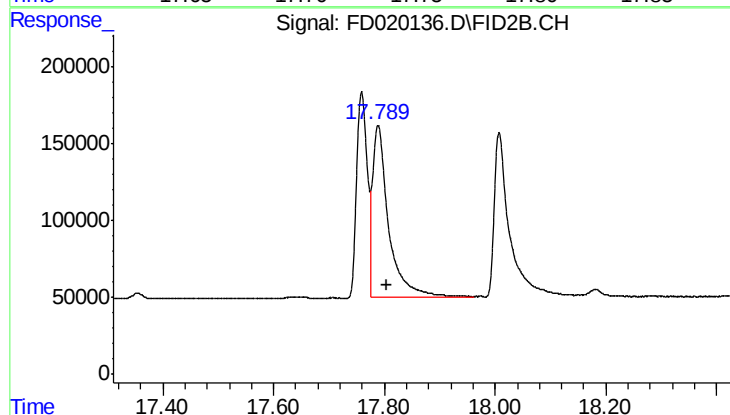
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.020 min
Response: 1950967
Conc: 18.56 ug/ml



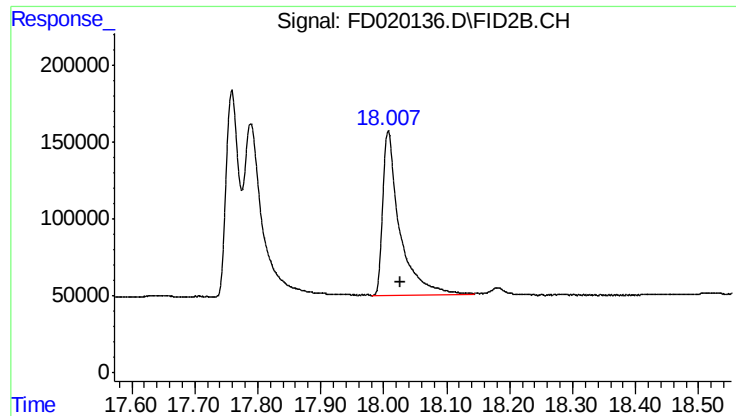
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: -0.019 min
Response: 1776321
Conc: 18.64 ug/ml m



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

R.T.: 17.789 min
Delta R.T.: -0.016 min
Response: 2294943
Conc: 20.20 ug/ml



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

R.T.: 18.007 min
Delta R.T.: -0.020 min
Response: 1988623
Conc: 19.15 ug/ml