

Data Path : P:\HPCHEM1\FID_D\Data\FD022118AR\
 Data File : FD020107.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2018 9:24
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 10:13:37 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	1794087	21.415 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
6) S 2-Fluorobiphenyl (SURR)	8.207	1086062	21.482 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.96%
11) S ortho-Terphenyl (SURR)	11.229	1954529	20.595 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	1961450	22.211 ug/ml
2) T Naphthalene (C11.7)	5.686	1954244	21.847 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1915130	21.087 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1982042	20.696 ug/ml
7) T Acenaphthene (C15.5)	8.295	2103355	20.533 ug/ml
8) T Flouorene (C16.55)	9.077	1945228	20.746 ug/ml
9) T Phenanthrene (C19.36)	10.469	1960476	21.042 ug/ml
10) T Anthracene (C19.43)	10.546	1976222	20.840 ug/ml
12) T Fluoranthene (C21.85)	12.278	2122250	21.158 ug/ml
13) T Pyrene (C20.8)	12.571	2125910	20.925 ug/ml
14) T Benzo[a]anthracene (C...	14.449	2048169	21.240 ug/ml
15) T Chrysene (C27.41)	14.489	2220860	20.577 ug/ml
16) T benzo[b]fluoranthene ...	16.003	2112309	21.012 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	2314041	20.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	2094540	19.931 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	2389347	25.079 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	2389347	21.026 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	2122352	20.434 ug/ml

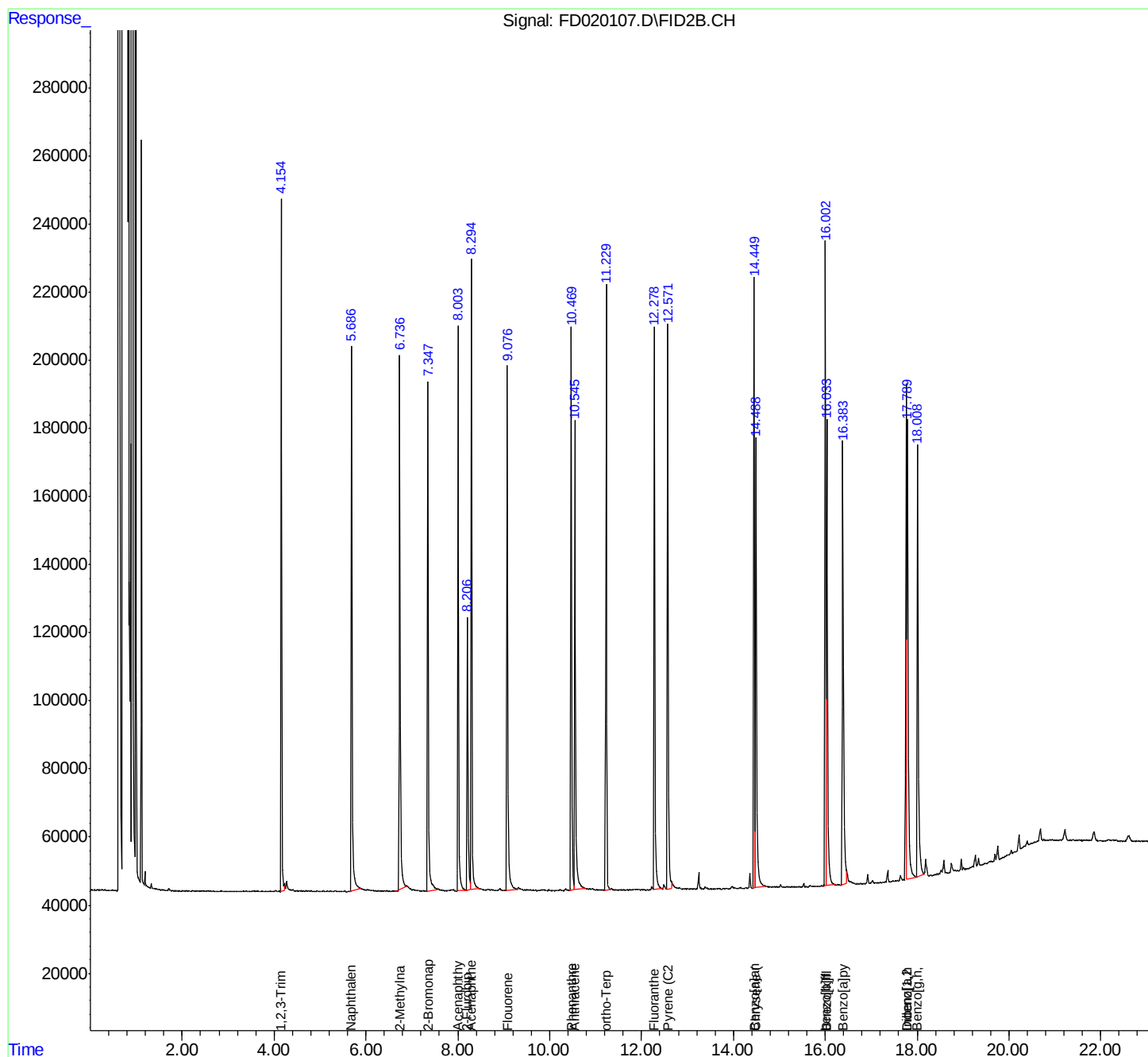
(f)=RT Delta > 1/2 Window

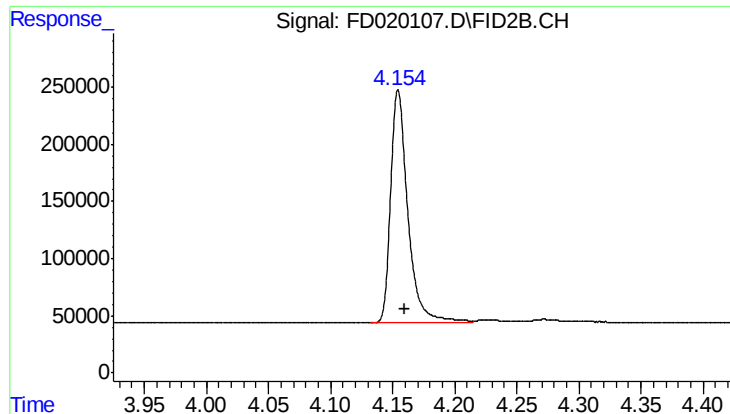
(m)=manual int.

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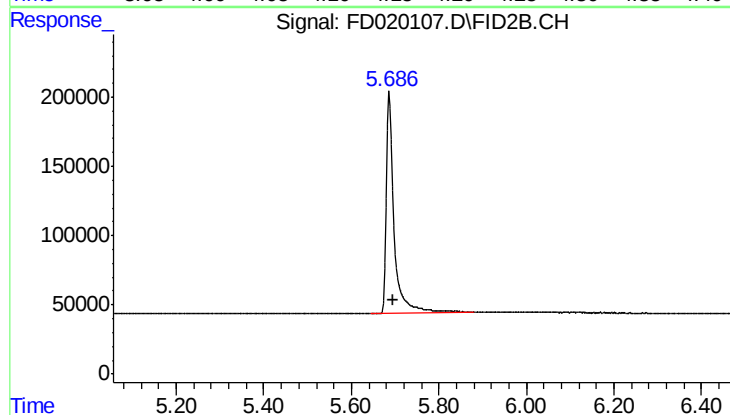
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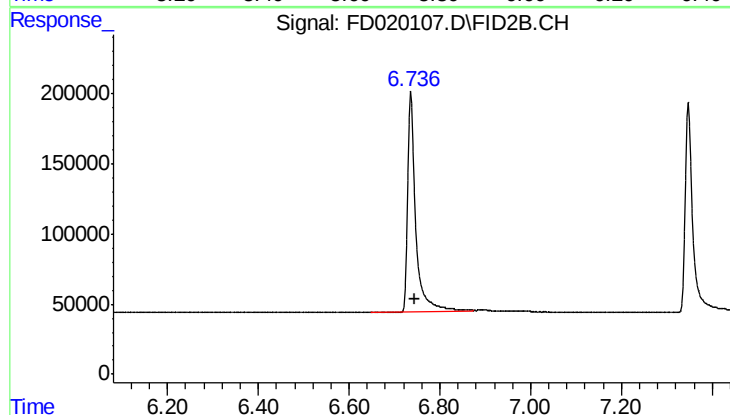
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.005 min
Response: 1961450
Conc: 22.21 ug/ml



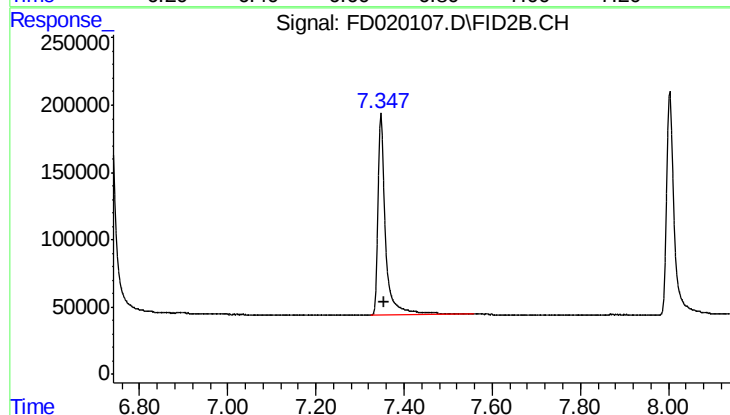
#2 Naphthalene (C11.7)

R.T.: 5.686 min
Delta R.T.: -0.010 min
Response: 1954244
Conc: 21.85 ug/ml



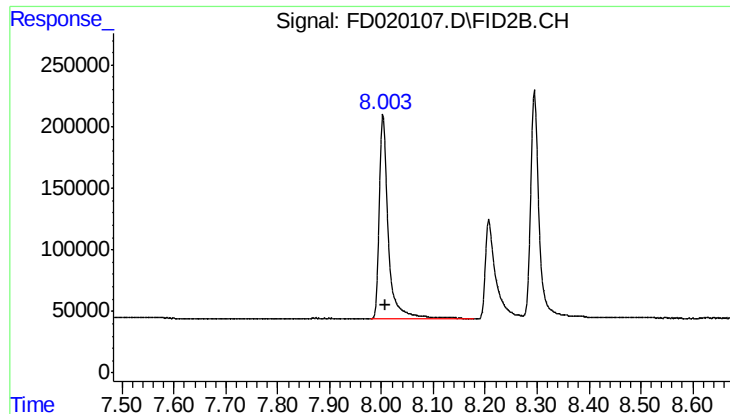
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.009 min
Response: 1915130
Conc: 21.09 ug/ml



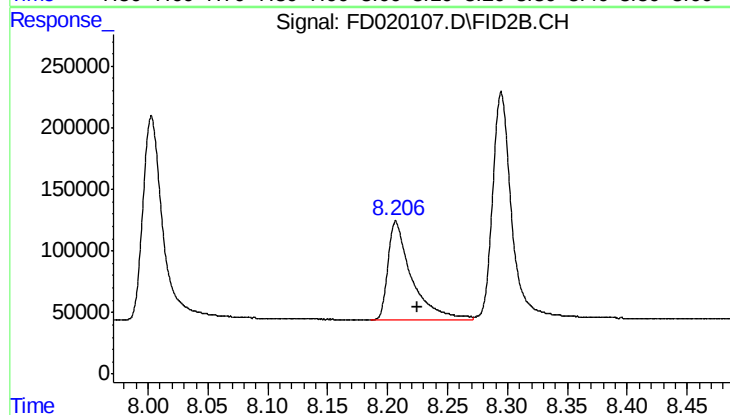
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 1794087
Conc: 21.42 ug/ml



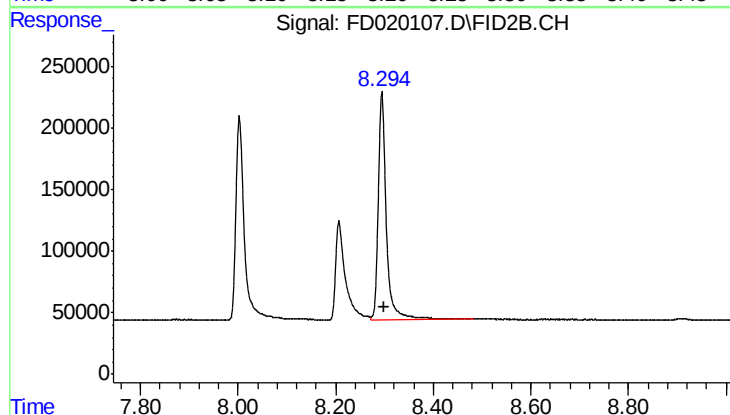
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 1982042
Conc: 20.70 ug/ml



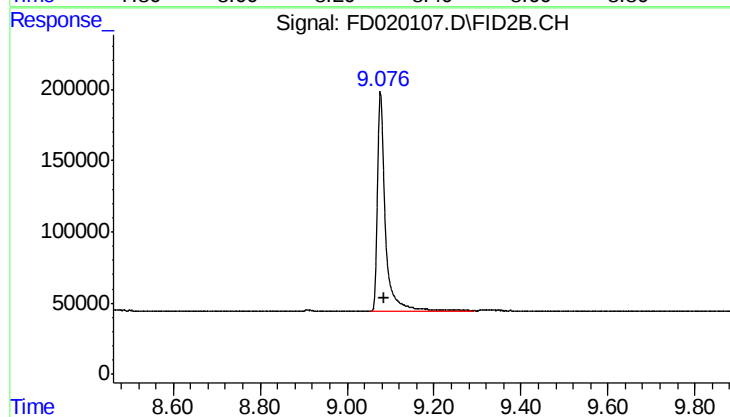
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.207 min
Delta R.T.: -0.018 min
Response: 1086062
Conc: 21.48 ug/ml



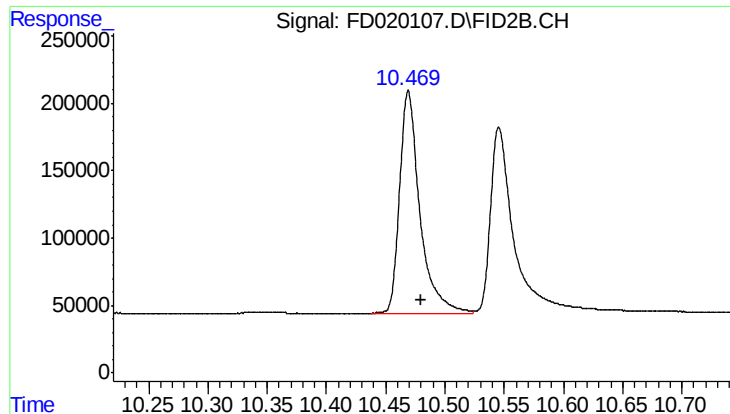
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.004 min
Response: 2103355
Conc: 20.53 ug/ml



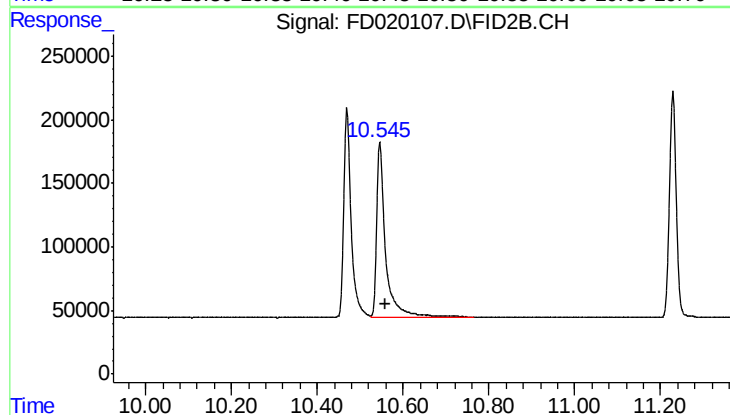
#8 Fluorene (C16.55)

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 1945228
Conc: 20.75 ug/ml



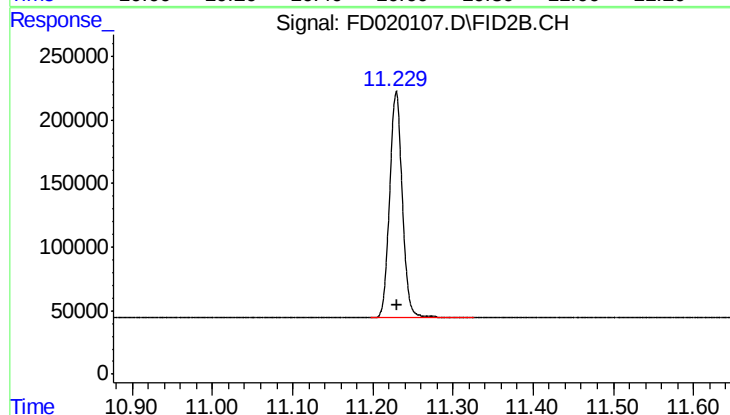
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.011 min
Response: 1960476
Conc: 21.04 ug/ml



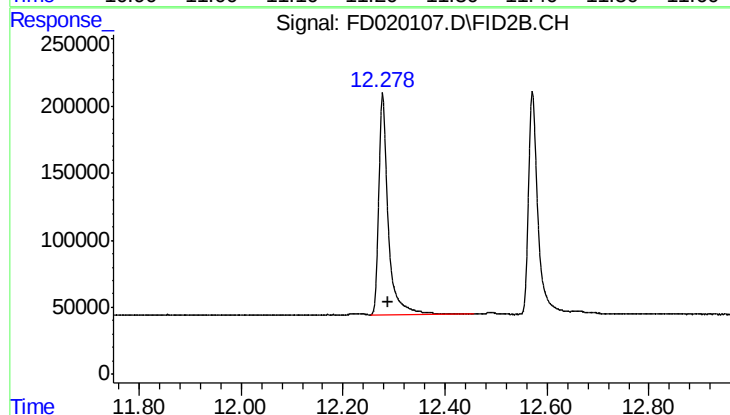
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.013 min
Response: 1976222
Conc: 20.84 ug/ml



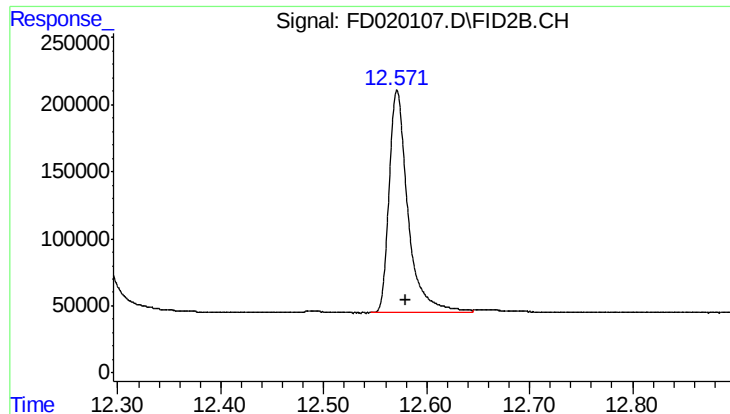
#11 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 1954529
Conc: 20.60 ug/ml



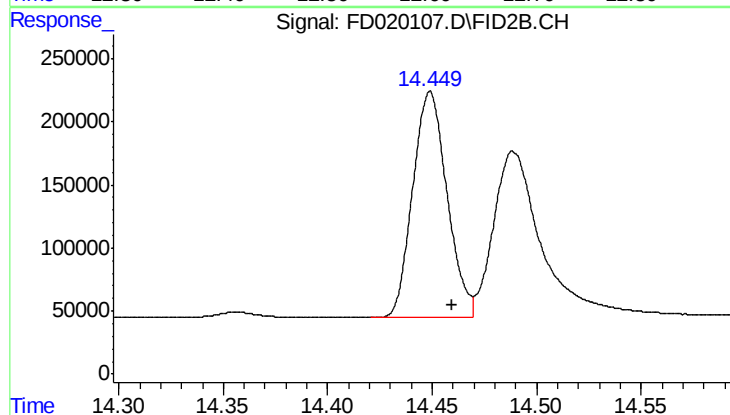
#12 Fluoranthene (C21.85)

R.T.: 12.278 min
Delta R.T.: -0.010 min
Response: 2122250
Conc: 21.16 ug/ml



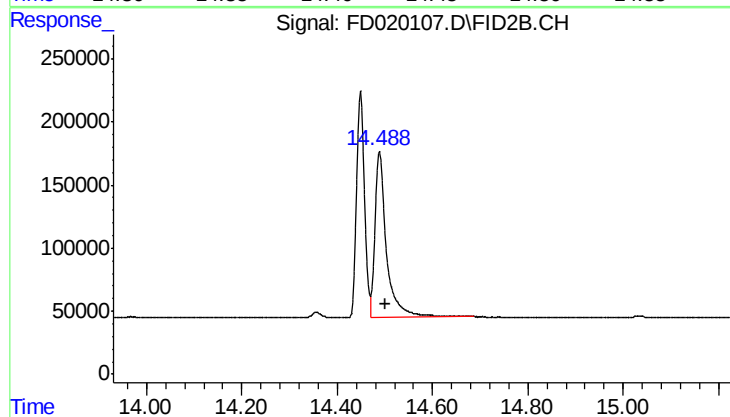
#13 Pyrene (C20.8)

R.T.: 12.571 min
Delta R.T.: -0.009 min
Response: 2125910
Conc: 20.92 ug/ml



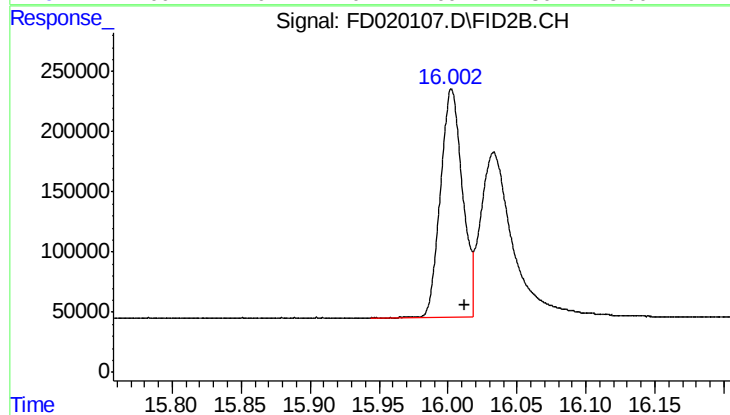
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: -0.010 min
Response: 2048169
Conc: 21.24 ug/ml



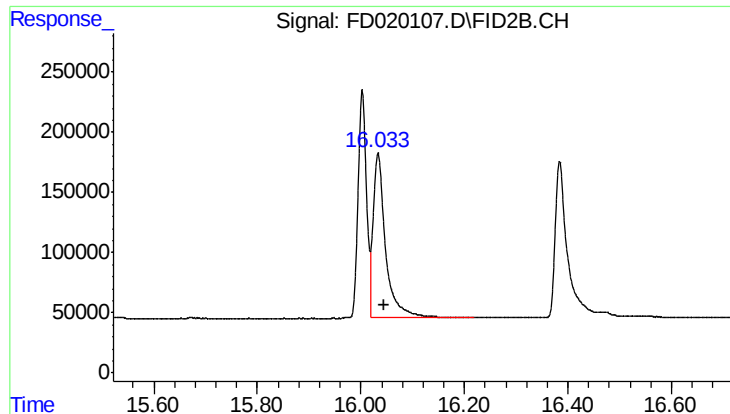
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.011 min
Response: 2220860
Conc: 20.58 ug/ml



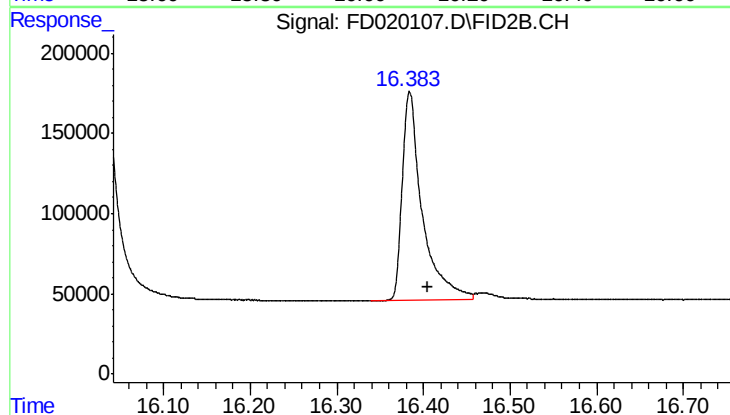
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min
Delta R.T.: -0.009 min
Response: 2112309
Conc: 21.01 ug/ml



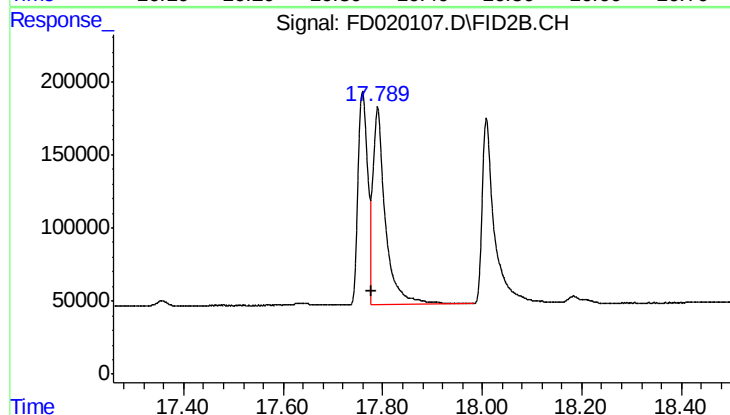
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: -0.013 min
Response: 2314041
Conc: 20.39 ug/ml



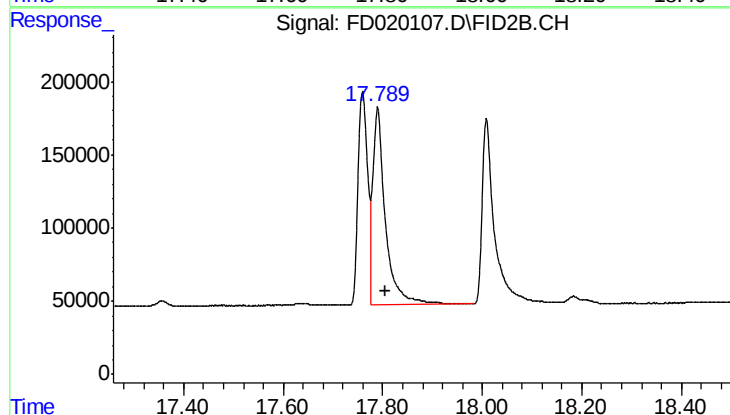
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.020 min
Response: 2094540
Conc: 19.93 ug/ml



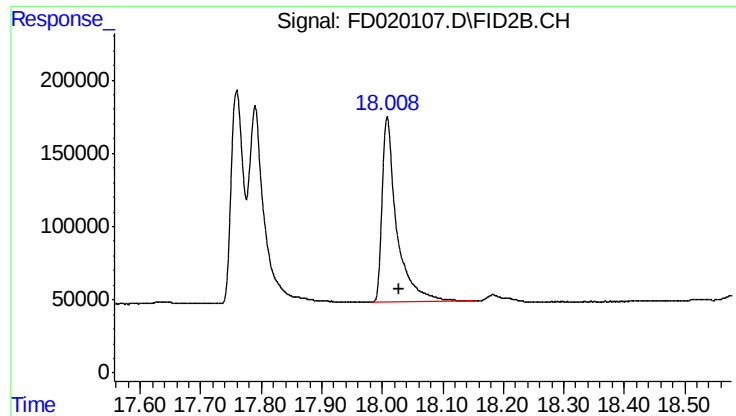
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: 0.013 min
Response: 2389347
Conc: 25.08 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.014 min
Response: 2389347
Conc: 21.03 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.019 min
Response: 2122352
Conc: 20.43 ug/ml