

Data Path : P:\HPCHEM1\FID D\Data\FD030118AR\
 Data File : FD020220.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2018 17:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 09:43:04 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...	7.341	1637556	19.547 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
6) S 2-Fluorobiphenyl (SURR)	8.200	1050813	20.785 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.57%
11) S ortho-Terphenyl (SURR)	11.226	1945006	20.495 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	1740716	19.712 ug/ml
2) T Naphthalene (C11.7)	5.680	1791763	20.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	1783798	19.641 ug/ml
5) T Acenaphthylene (C15.06)	7.997	1876484	19.594 ug/ml
7) T Acenaphthene (C15.5)	8.289	2000981	19.533 ug/ml
8) T Fluorene (C16.55)	9.071	1899534	20.258 ug/ml
9) T Phenanthrene (C19.36)	10.465	1956563	21.000 ug/ml
10) T Anthracene (C19.43)	10.541	1976220	20.840 ug/ml
12) T Fluoranthene (C21.85)	12.275	2114013	21.076 ug/ml
13) T Pyrene (C20.8)	12.570	2105137	20.720 ug/ml
14) T Benzo[alanthracene (C...	14.447	2036658	21.121 ug/ml
15) T Chrysene (C27.41)	14.489	2164776	20.057 ug/ml
16) T benzo[b]fluoranthene ...	16.005	2086108	20.751 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	2250828	19.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	2081229	19.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	1851399	19.432 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	2367135	20.831 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.014	2052530	19.762 ug/ml

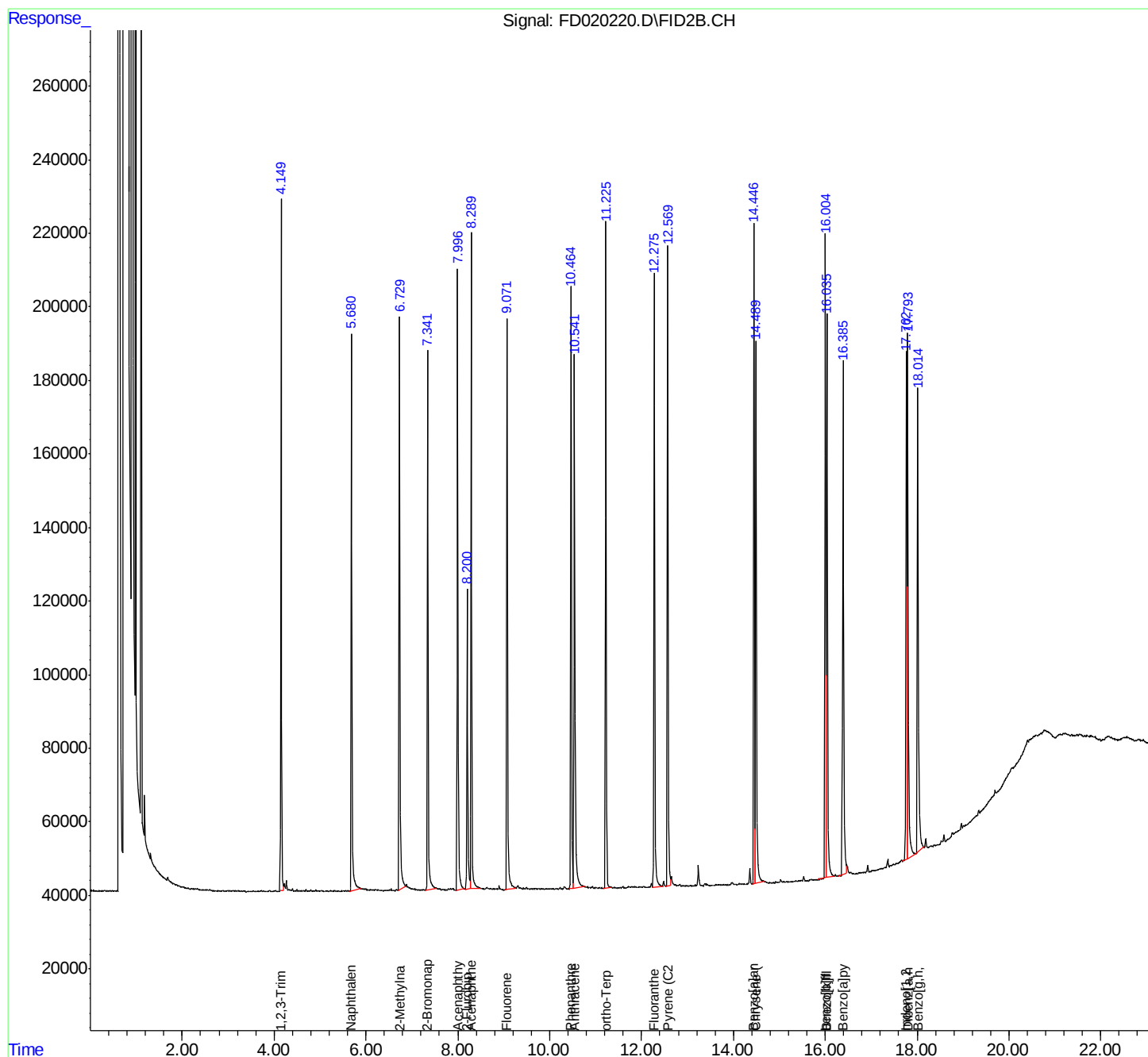
(f)=RT Delta > 1/2 Window

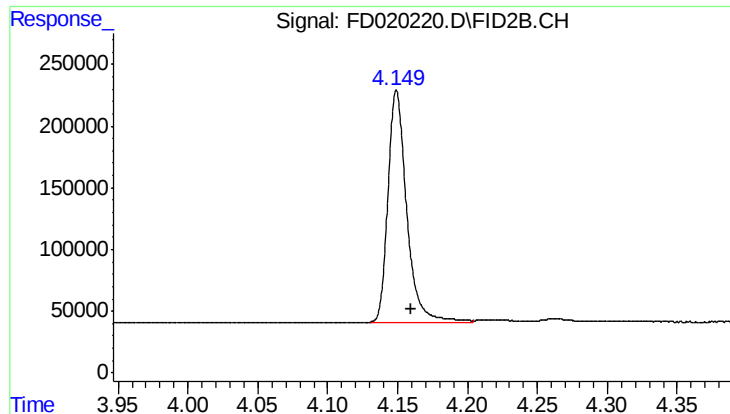
(m)=manual int.

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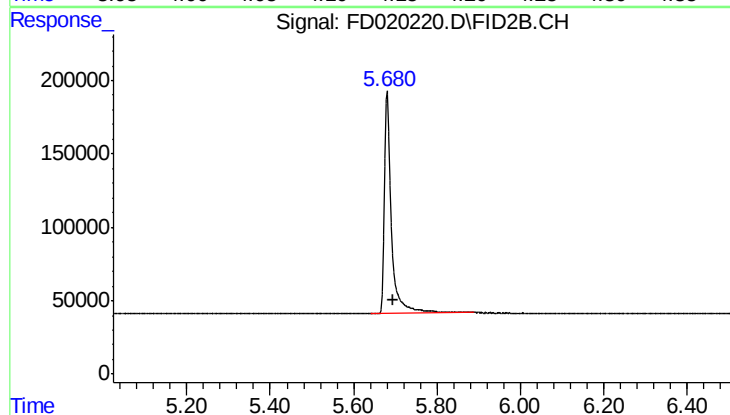
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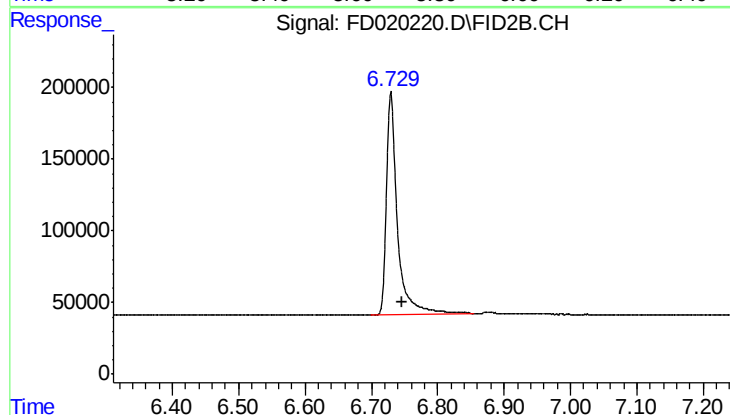
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.010 min
Response: 1740716
Conc: 19.71 ug/ml



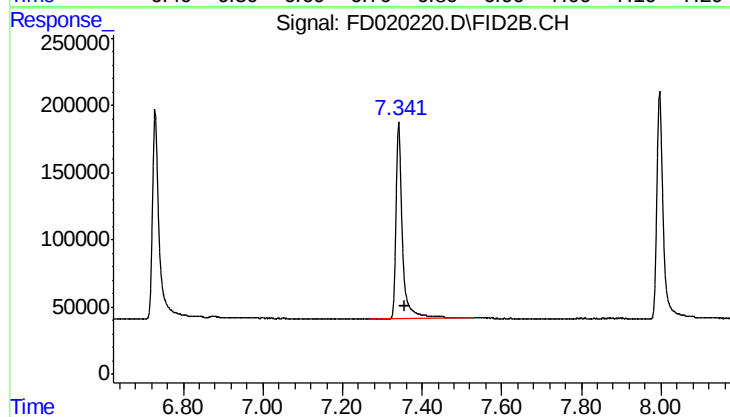
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.016 min
Response: 1791763
Conc: 20.03 ug/ml



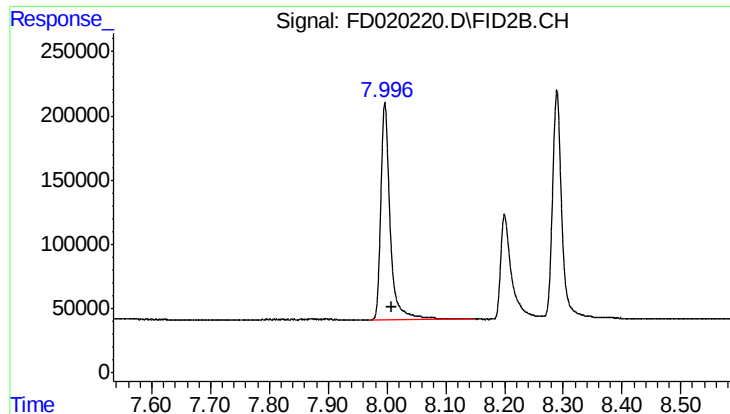
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.016 min
Response: 1783798
Conc: 19.64 ug/ml



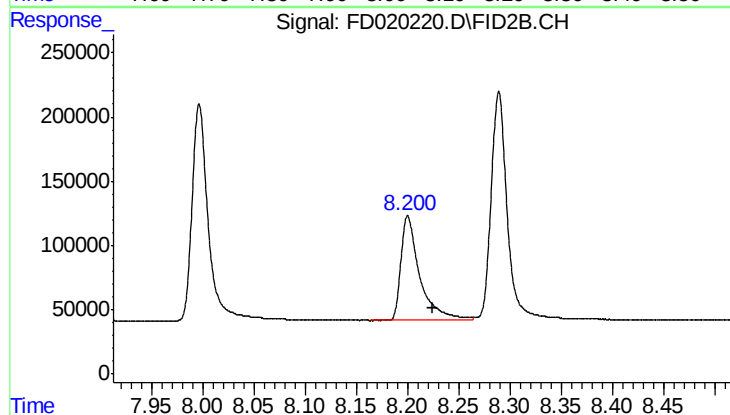
#4 2-Bromonaphthalene (SURR)

R.T.: 7.341 min
Delta R.T.: -0.014 min
Response: 1637556
Conc: 19.55 ug/ml



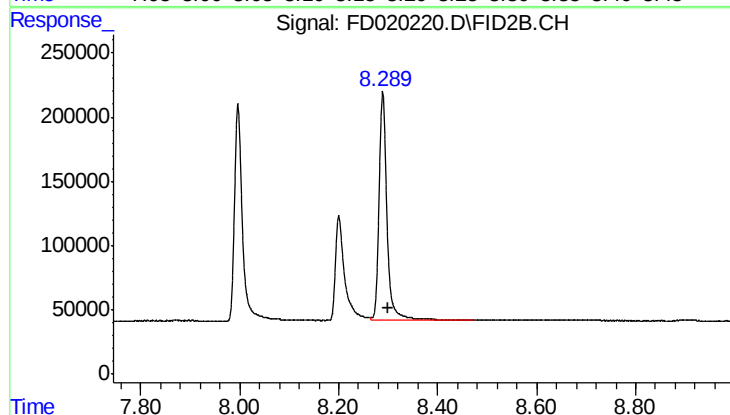
#5 Acenaphthylene (C15.06)

R.T.: 7.997 min
Delta R.T.: -0.012 min
Response: 1876484
Conc: 19.59 ug/ml



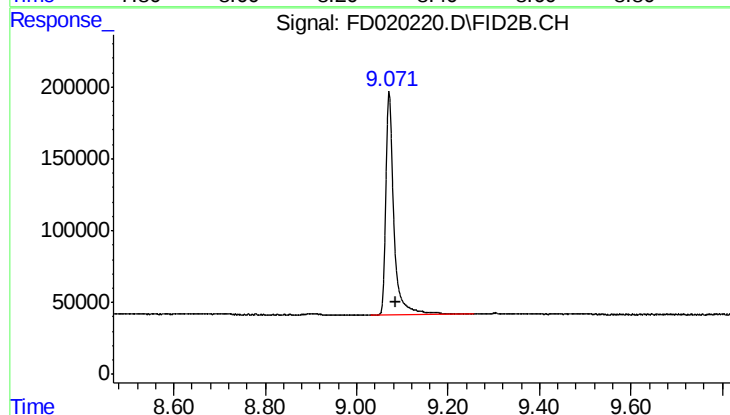
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.200 min
Delta R.T.: -0.024 min
Response: 1050813
Conc: 20.78 ug/ml



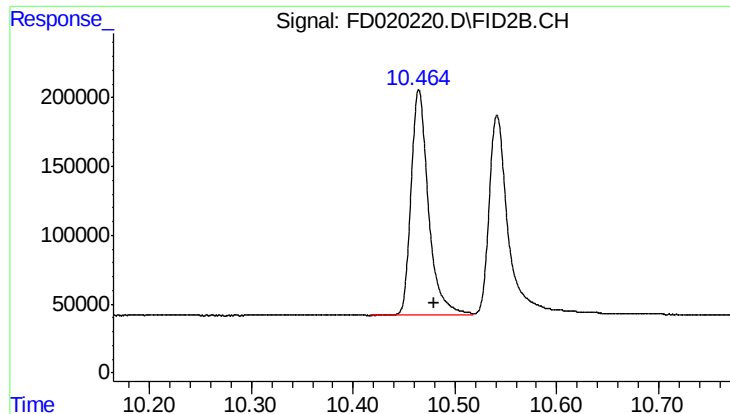
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: -0.009 min
Response: 2000981
Conc: 19.53 ug/ml



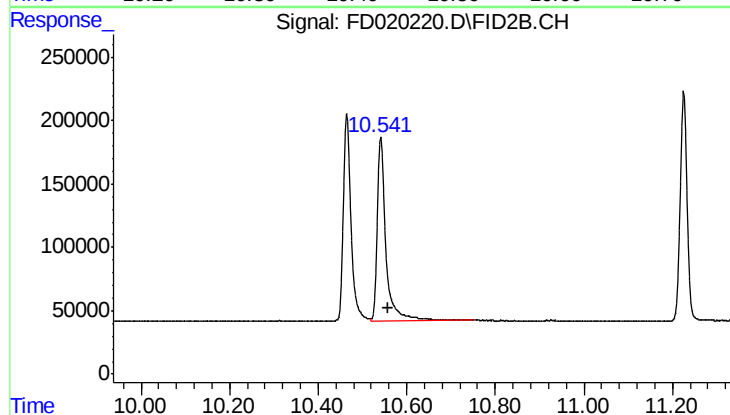
#8 Fluorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.015 min
Response: 1899534
Conc: 20.26 ug/ml



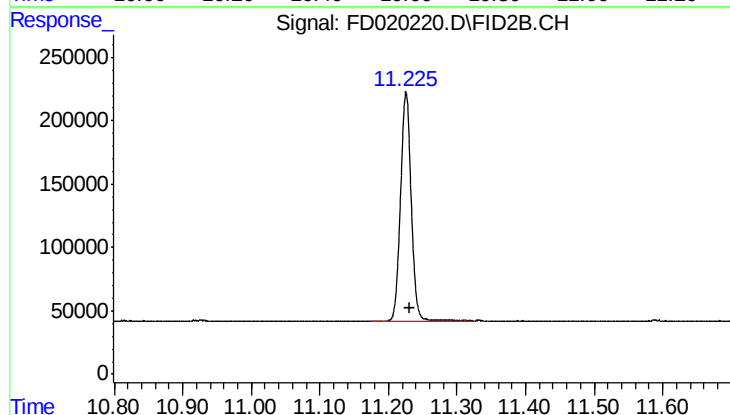
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: -0.015 min
Response: 1956563
Conc: 21.00 ug/ml



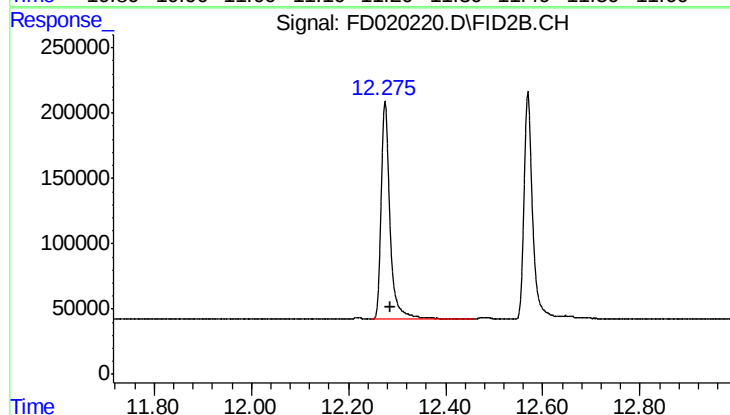
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.018 min
Response: 1976220
Conc: 20.84 ug/ml



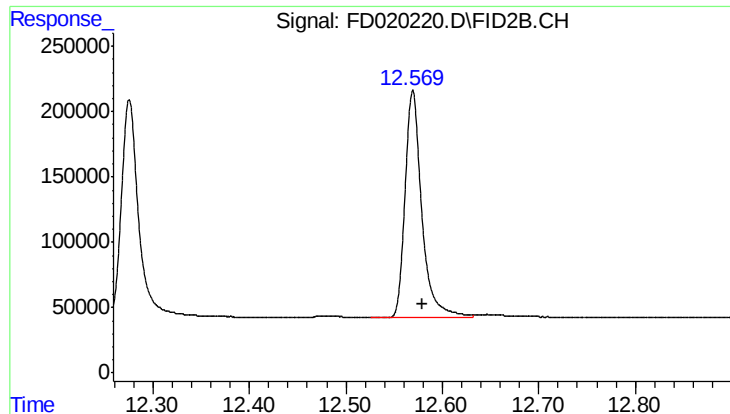
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 1945006
Conc: 20.50 ug/ml



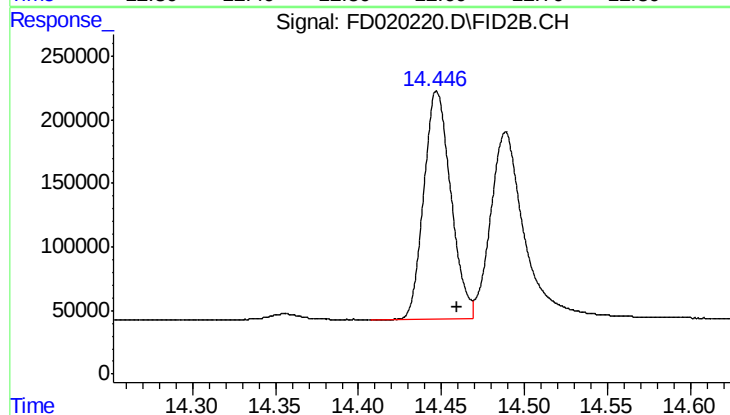
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.012 min
Response: 2114013
Conc: 21.08 ug/ml



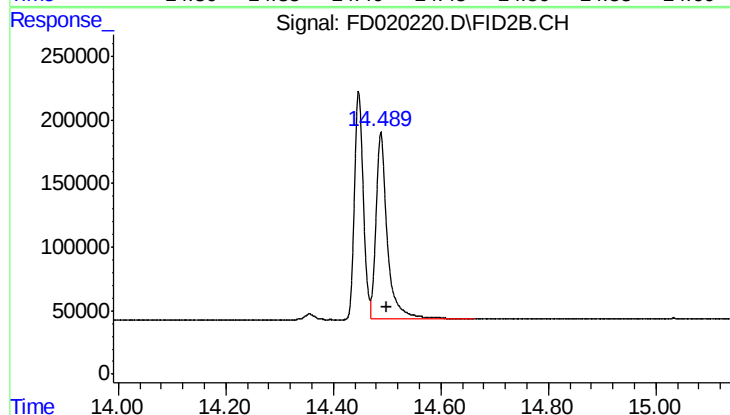
#13 Pyrene (C20.8)

R.T.: 12.570 min
Delta R.T.: -0.011 min
Response: 2105137
Conc: 20.72 ug/ml



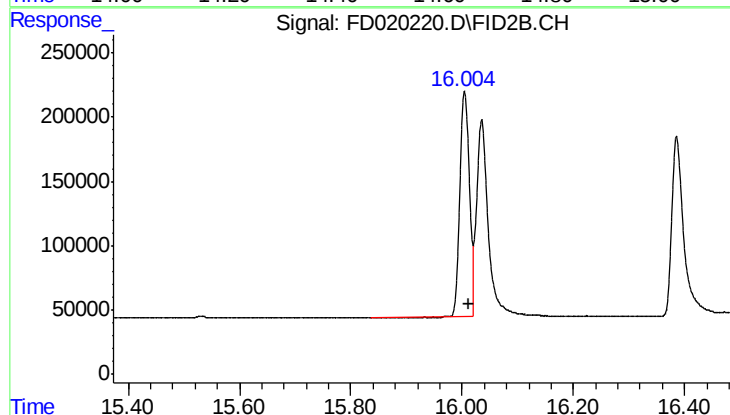
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: -0.012 min
Response: 2036658
Conc: 21.12 ug/ml



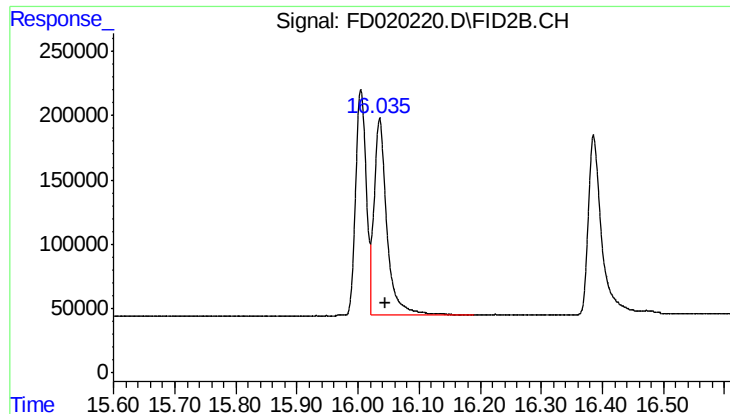
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.012 min
Response: 2164776
Conc: 20.06 ug/ml



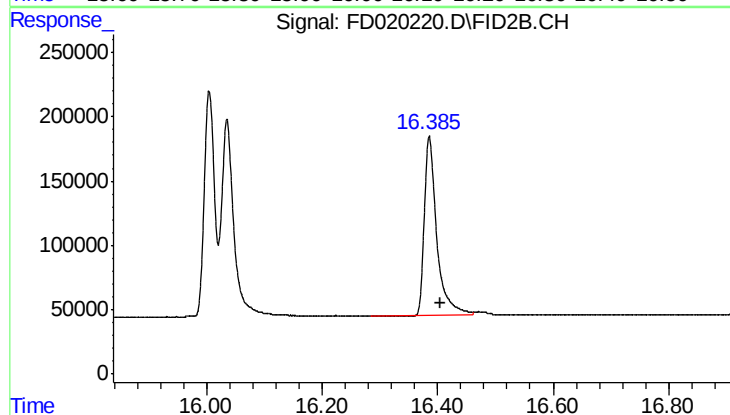
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min
Delta R.T.: -0.008 min
Response: 2086108
Conc: 20.75 ug/ml



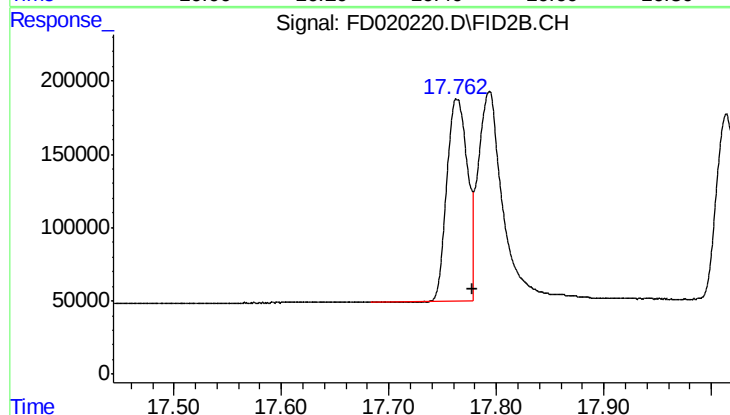
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: -0.010 min
Response: 2250828
Conc: 19.84 ug/ml



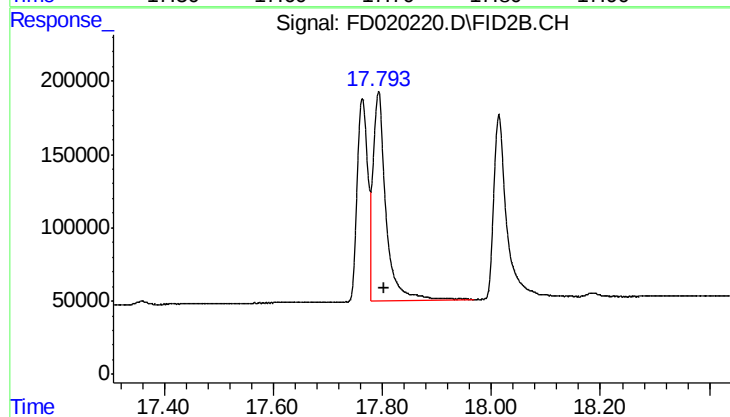
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.019 min
Response: 2081229
Conc: 19.80 ug/ml



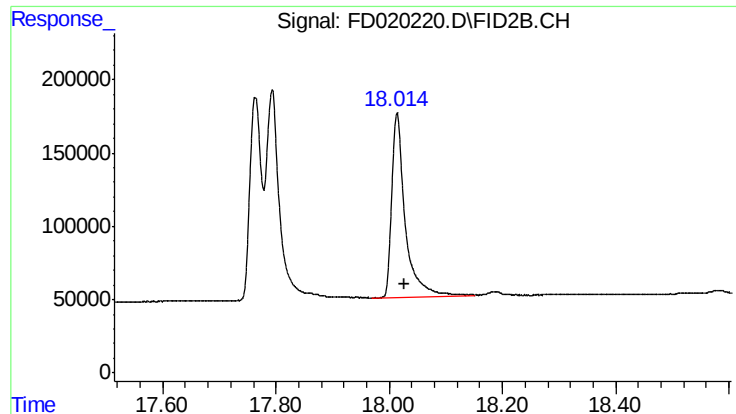
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.763 min
Delta R.T.: -0.014 min
Response: 1851399
Conc: 19.43 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 2367135
Conc: 20.83 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.014 min
Response: 2052530
Conc: 19.76 ug/ml