

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020094.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 18:49
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 05:50:26 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	1688951	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
6) S 2-Fluorobiphenyl (SURR)	8.208	1046352	20.696 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.39%
11) S ortho-Terphenyl (SURR)	11.230	1894136	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	1778572	20.140 ug/ml
2) T Naphthalene (C11.7)	5.687	1826440	20.418 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1802655	19.849 ug/ml
5) T Acenaphthylene (C15.06)	8.003	1912010	19.965 ug/ml
7) T Acenaphthene (C15.5)	8.295	2038139	19.896 ug/ml
8) T Fluorene (C16.55)	9.078	1898042	20.243 ug/ml
9) T Phenanthrene (C19.36)	10.470	1896052	20.350 ug/ml
10) T Anthracene (C19.43)	10.546	1910118	20.143 ug/ml
12) T Fluoranthene (C21.85)	12.279	2042019	20.358 ug/ml
13) T Pyrene (C20.8)	12.573	2046222	20.141 ug/ml
14) T Benzo[alanthracene (C...	14.449	1984509	20.580 ug/ml
15) T Chrysene (C27.41)	14.491	2152331	19.942 ug/ml
16) T benzo[b]fluoranthene ...	16.004	2047581	20.368 ug/ml
17) T Benzo[k]fluoranthene ...	16.035	2263072	19.943 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	2098056	19.964 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	2336812	24.527 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	2336812	20.564 ug/ml
21) T Benzo[a,h,i]perylene ...	18.008	2135944	20.565 ug/ml

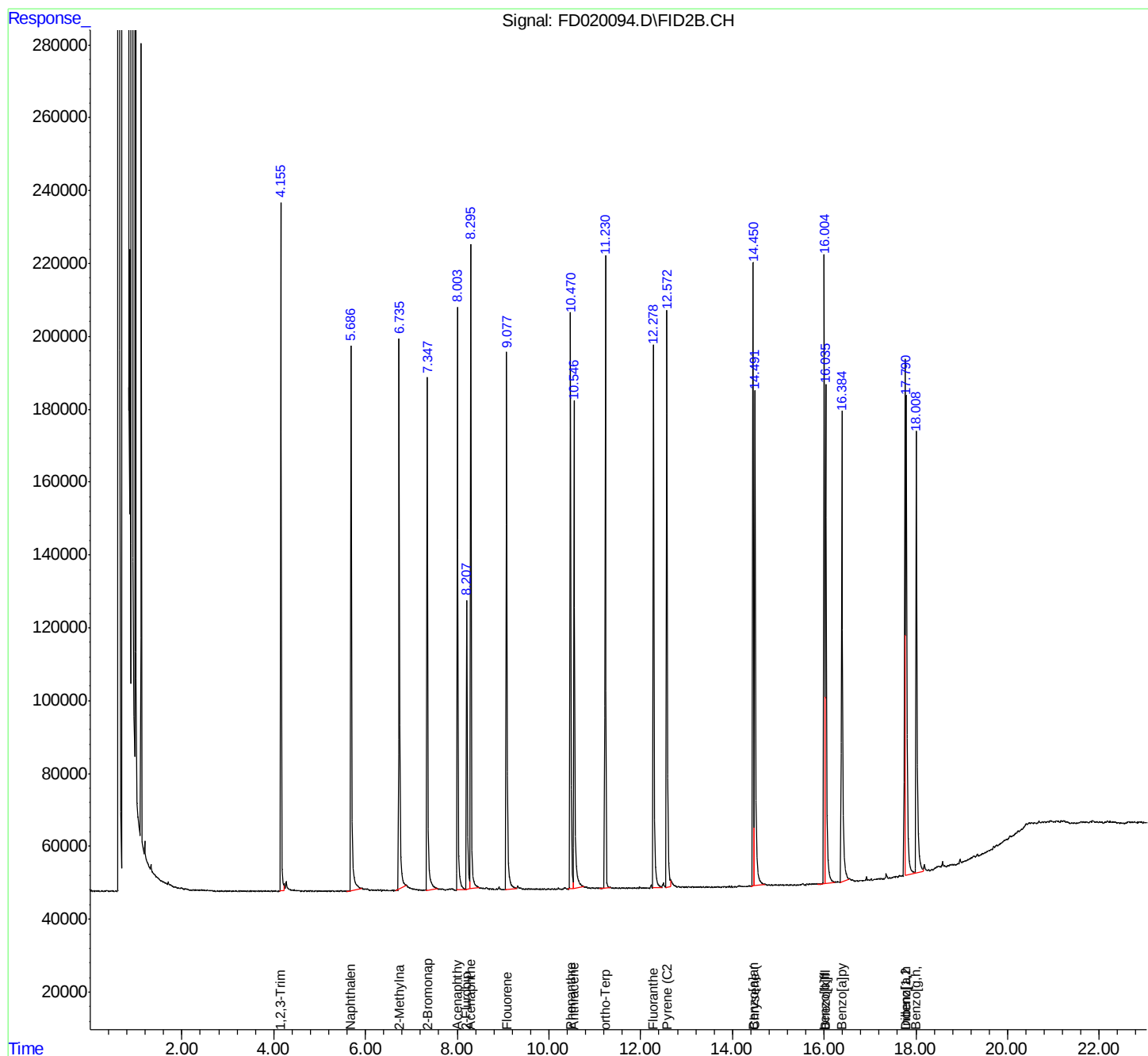
(f)=RT Delta > 1/2 Window

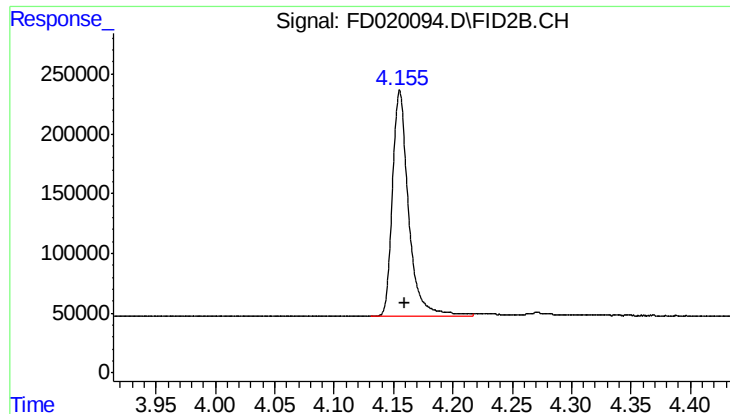
(m)=manual int.

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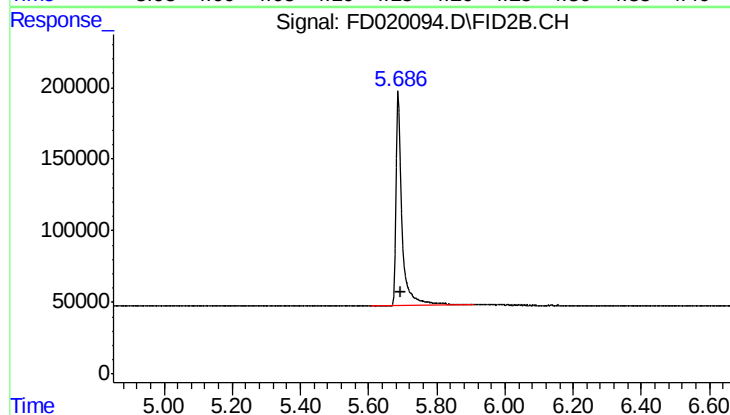
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





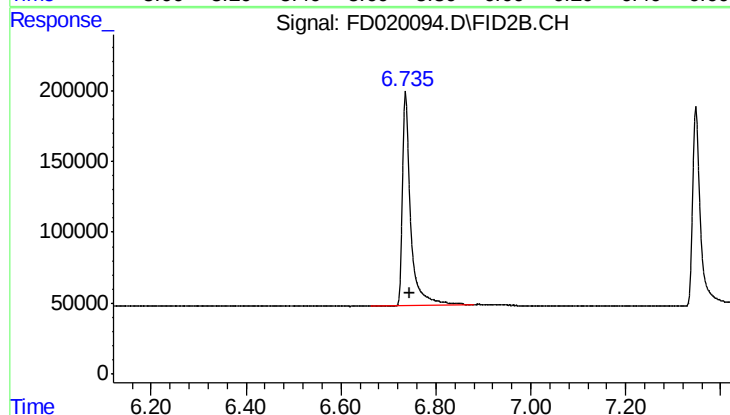
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: -0.004 min
Response: 1778572
Conc: 20.14 ug/ml



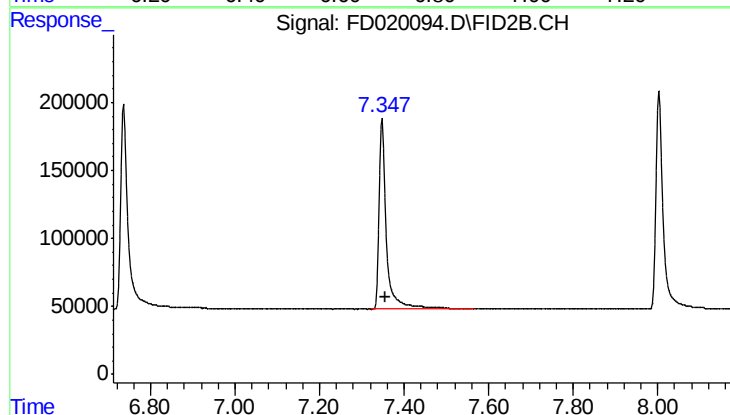
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.010 min
Response: 1826440
Conc: 20.42 ug/ml



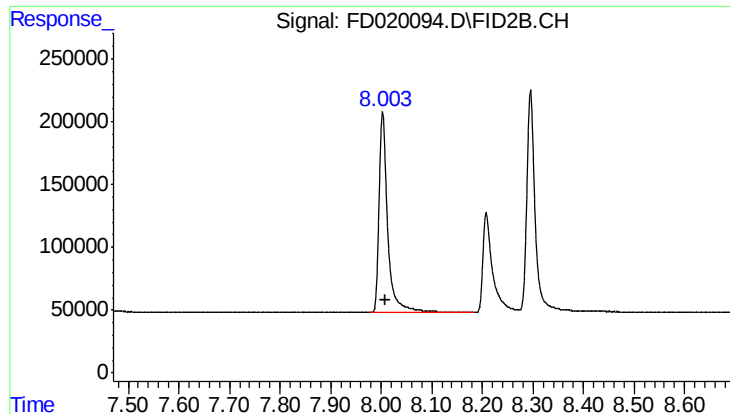
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.009 min
Response: 1802655
Conc: 19.85 ug/ml



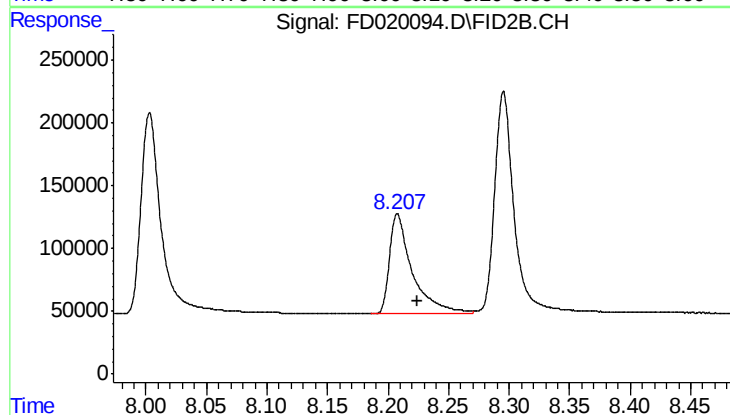
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 1688951
Conc: 20.16 ug/ml



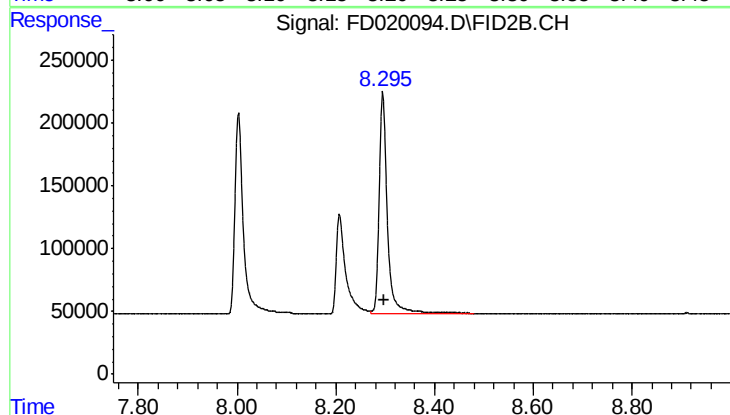
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 1912010
Conc: 19.96 ug/ml



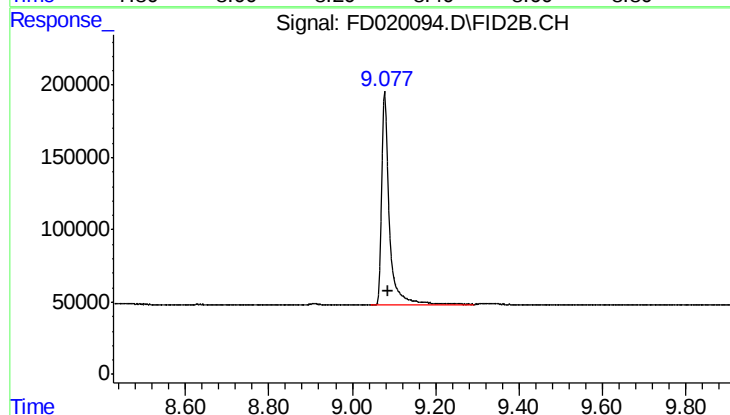
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.017 min
Response: 1046352
Conc: 20.70 ug/ml



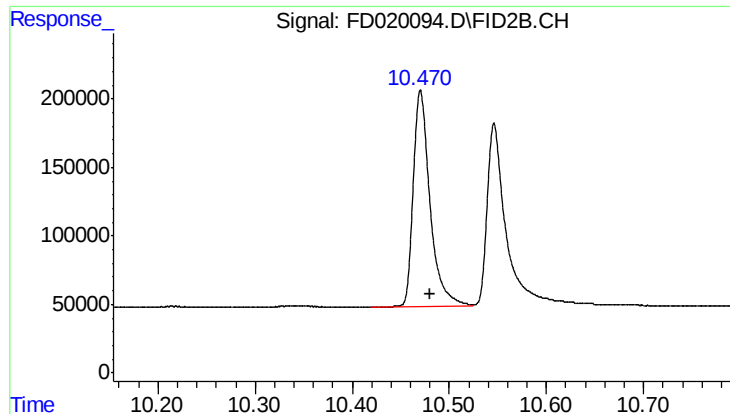
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.003 min
Response: 2038139
Conc: 19.90 ug/ml



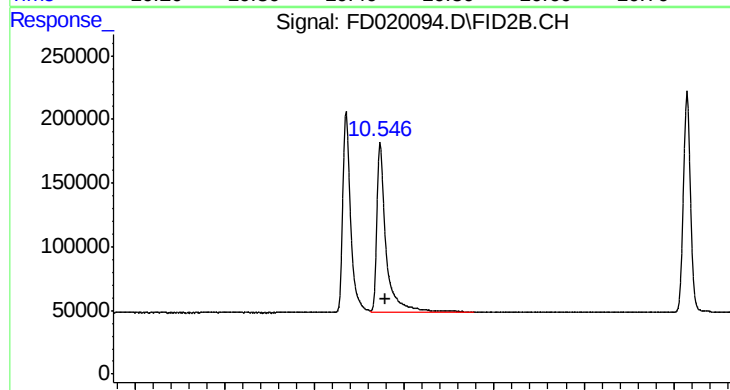
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 1898042
Conc: 20.24 ug/ml



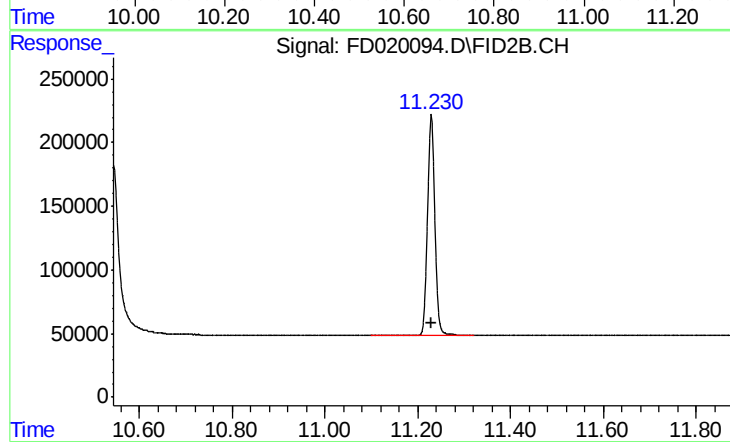
#9 Phenanthrene (C19.36)

R.T.: 10.470 min
Delta R.T.: -0.010 min
Response: 1896052
Conc: 20.35 ug/ml



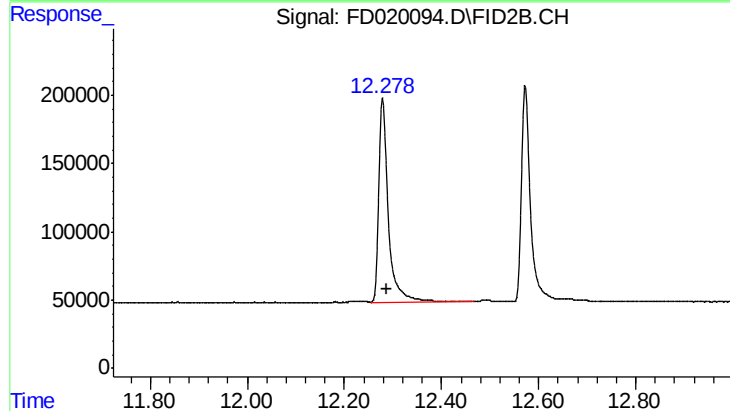
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.013 min
Response: 1910118
Conc: 20.14 ug/ml



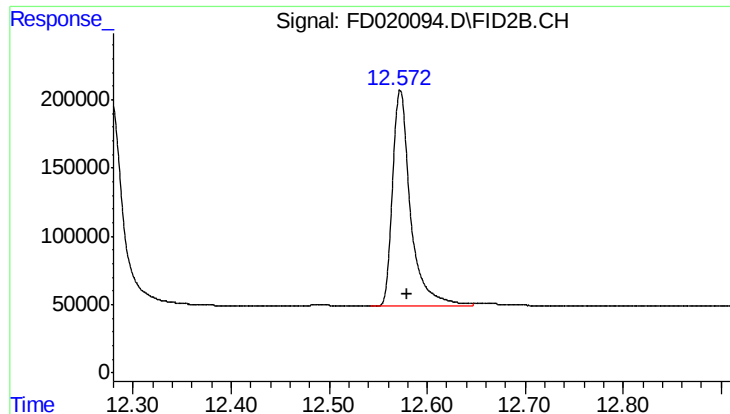
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1894136
Conc: 19.96 ug/ml



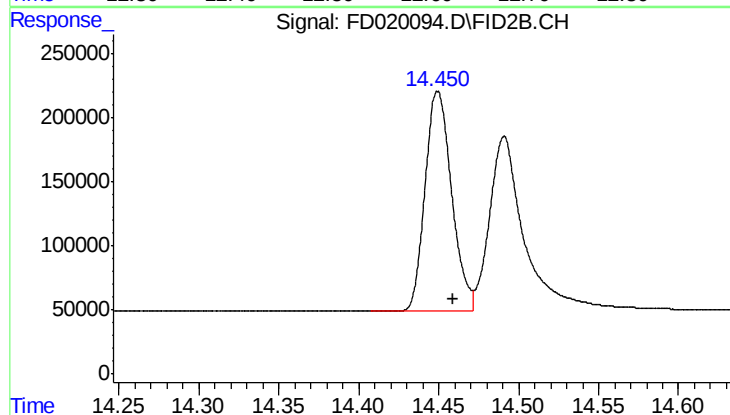
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.009 min
Response: 2042019
Conc: 20.36 ug/ml



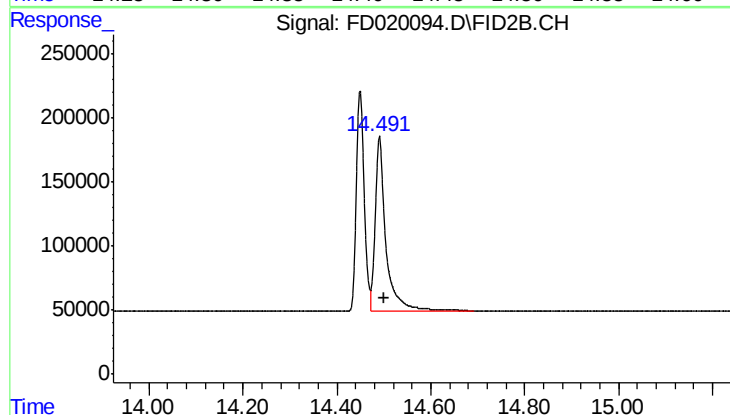
#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: -0.008 min
Response: 2046222
Conc: 20.14 ug/ml



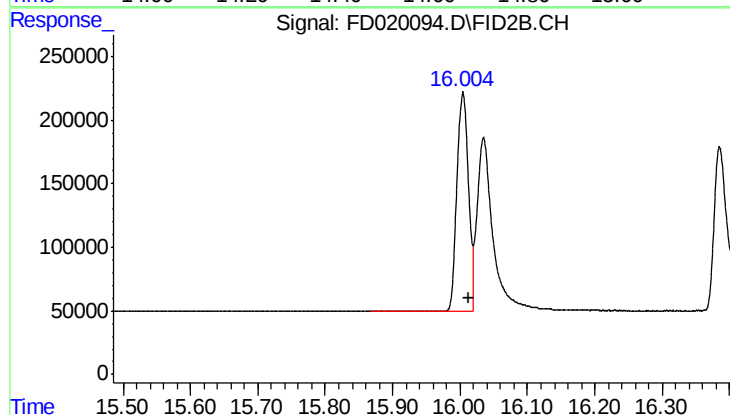
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: -0.010 min
Response: 1984509
Conc: 20.58 ug/ml



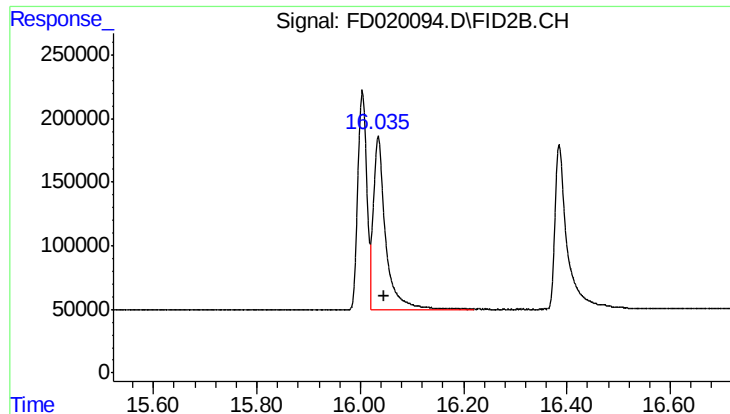
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.009 min
Response: 2152331
Conc: 19.94 ug/ml



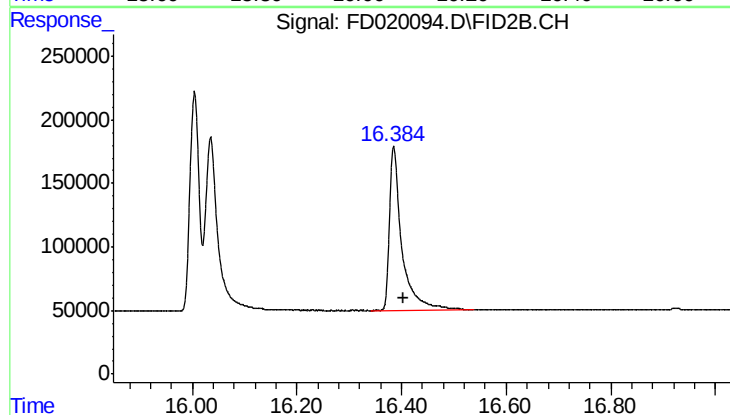
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.004 min
Delta R.T.: -0.008 min
Response: 2047581
Conc: 20.37 ug/ml



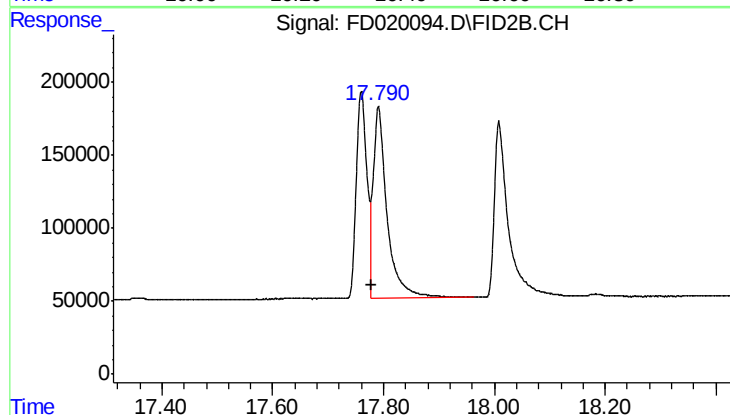
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: -0.011 min
Response: 2263072
Conc: 19.94 ug/ml



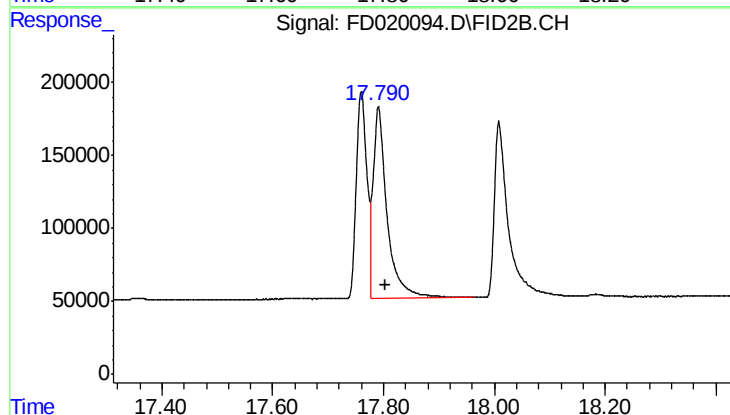
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.019 min
Response: 2098056
Conc: 19.96 ug/ml



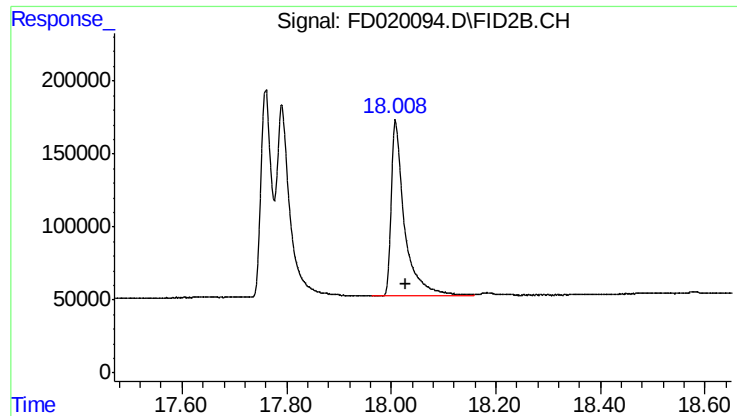
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min
Delta R.T.: 0.013 min
Response: 2336812
Conc: 24.53 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.014 min
Response: 2336812
Conc: 20.56 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.019 min
Response: 2135944
Conc: 20.56 ug/ml