

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD062618AR\
 Data File : FD024774.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2018 14:21
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 01:55:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.481	1651396	18.052 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
6) S 2-Fluorobiphenyl (SURR)	8.337	1143001	18.022 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.04%
11) S ortho-Terphenyl (SURR)	11.386	1892126	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	1804479	19.416 ug/ml
2) T Naphthalene (C11.7)	5.814	1914794	18.870 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	1867951	18.372 ug/ml
5) T Acenaphthylene (C15.06)	8.141	1799509	18.022 ug/ml
7) T Acenaphthene (C15.5)	8.436	1877580	17.974 ug/ml
8) T Fluorene (C16.55)	9.217	1879396	17.987 ug/ml
9) T Phenanthrene (C19.36)	10.612	1953201	18.997 ug/ml
10) T Anthracene (C19.43)	10.686	1940751	19.036 ug/ml
12) T Fluoranthene (C21.85)	12.422	2112922	21.190 ug/ml
13) T Pyrene (C20.8)	12.718	2144438	21.565 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.591	2152858	22.932 ug/ml
15) T Chrysene (C27.41)	14.633	2160500	22.838 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.140	2199049	21.265 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.173	2213505	20.976 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.517	2189041	21.065 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.881	2138865	20.067 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.924	2222586	21.251 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.135	2149144	20.234 ug/ml

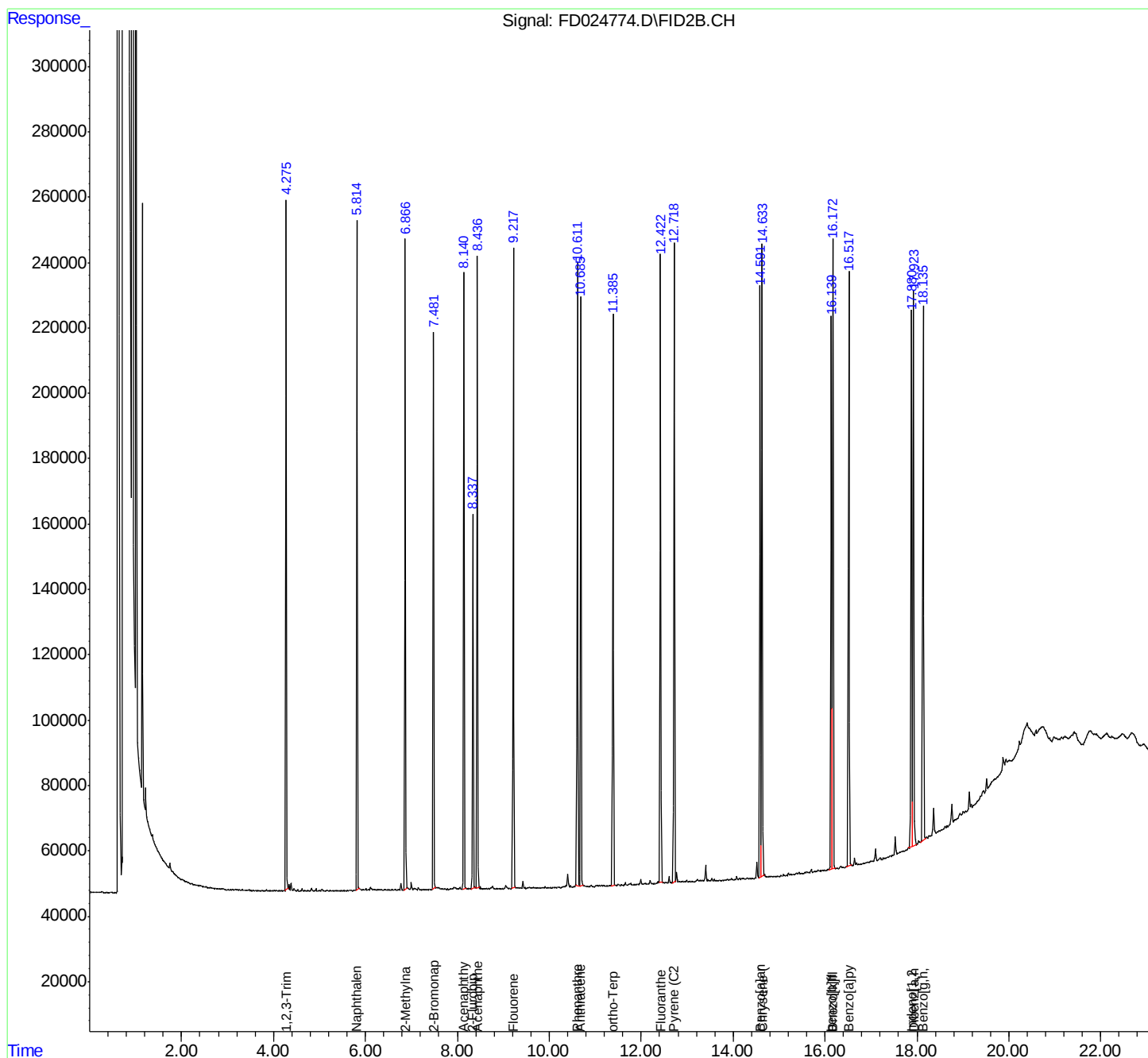
(f)=RT Delta > 1/2 Window

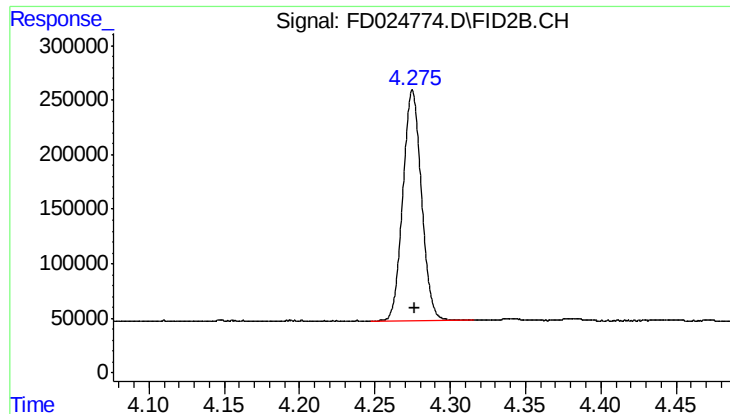
(m)=manual int.

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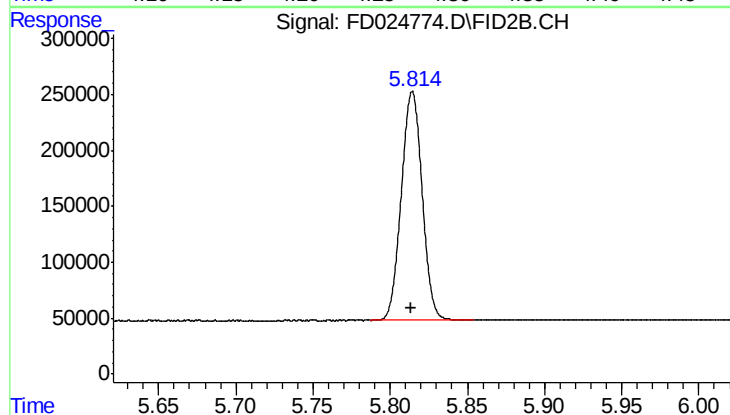
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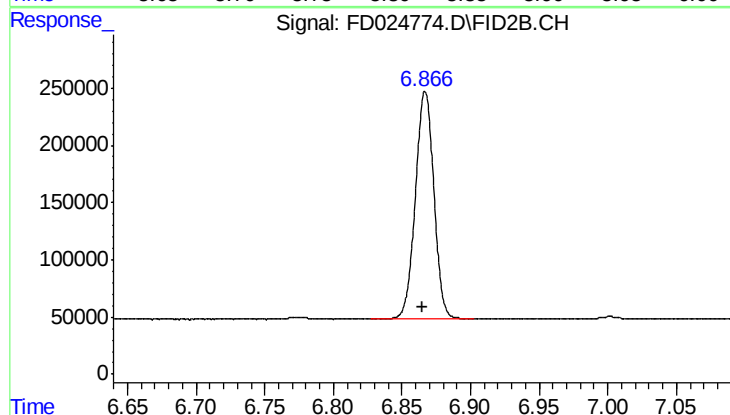
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: -0.001 min
Response: 1804479
Conc: 19.42 ug/ml



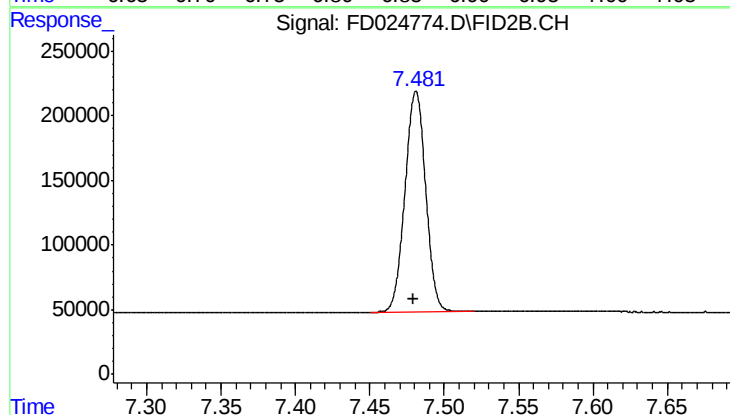
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.001 min
Response: 1914794
Conc: 18.87 ug/ml



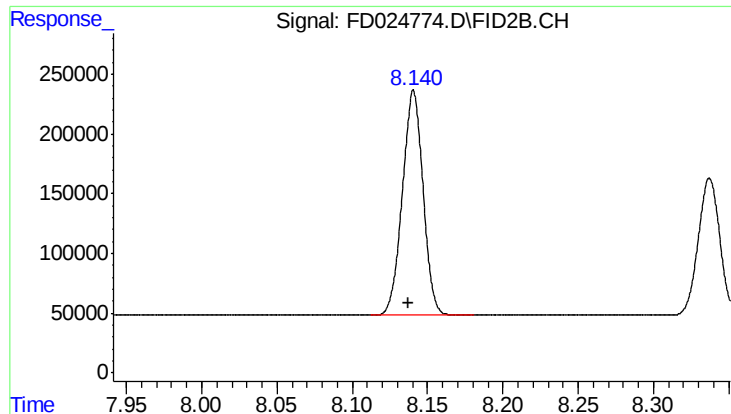
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: 0.002 min
Response: 1867951
Conc: 18.37 ug/ml



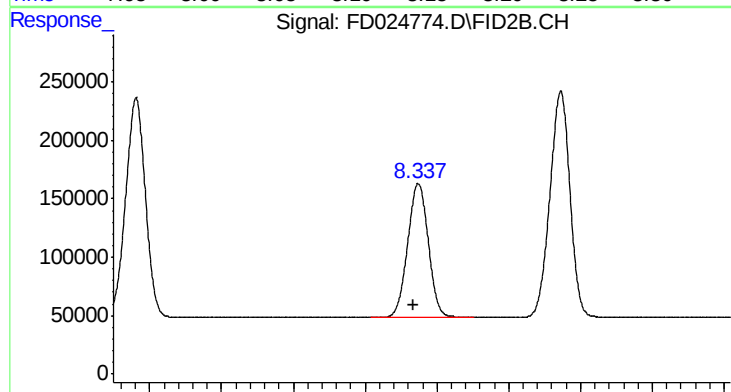
#4 2-Bromonaphthalene (SURR)

R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 1651396
Conc: 18.05 ug/ml



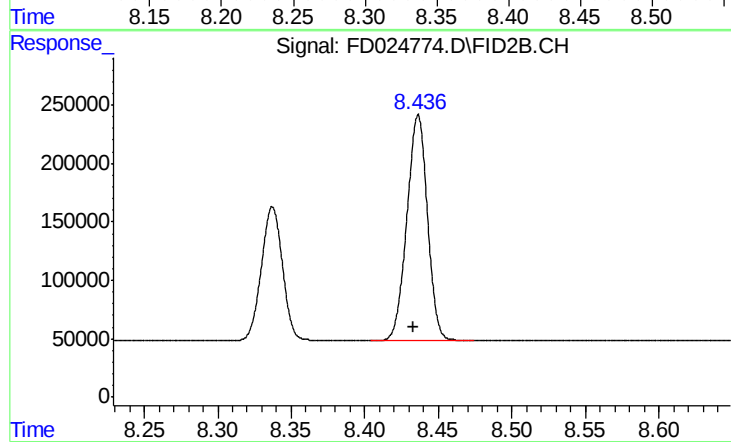
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: 0.003 min
Response: 1799509
Conc: 18.02 ug/ml



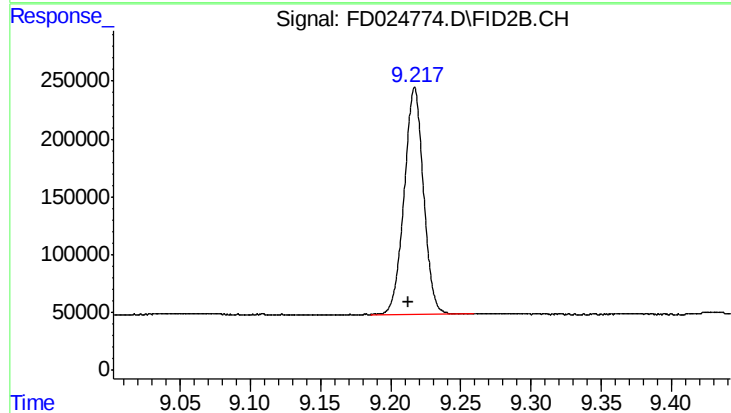
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.004 min
Response: 1143001
Conc: 18.02 ug/ml



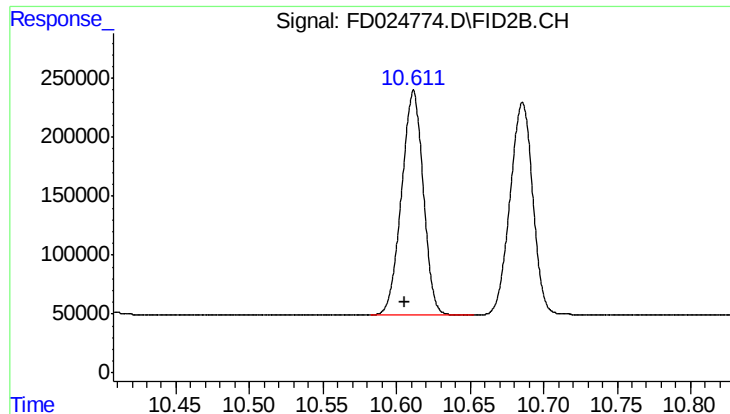
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.003 min
Response: 1877580
Conc: 17.97 ug/ml



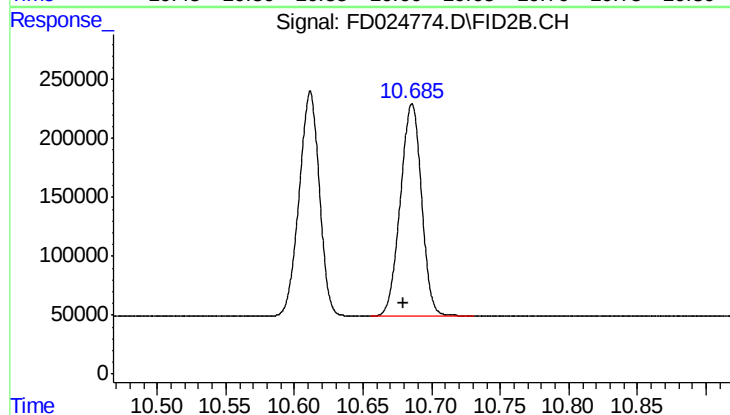
#8 Fluorene (C16.55)

R.T.: 9.217 min
Delta R.T.: 0.004 min
Response: 1879396
Conc: 17.99 ug/ml



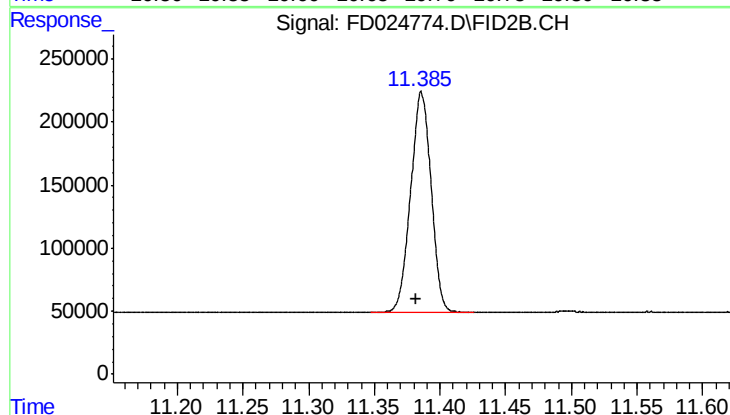
#9 Phenanthrene (C19.36)

R.T.: 10.612 min
Delta R.T.: 0.006 min
Response: 1953201
Conc: 19.00 ug/ml



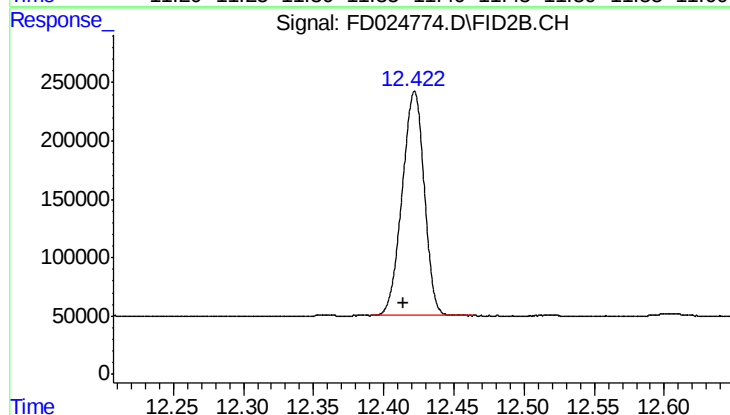
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: 0.007 min
Response: 1940751
Conc: 19.04 ug/ml



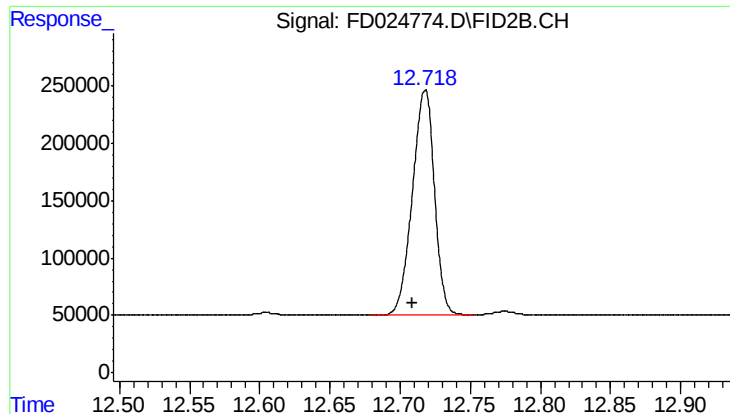
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.004 min
Response: 1892126
Conc: 18.85 ug/ml



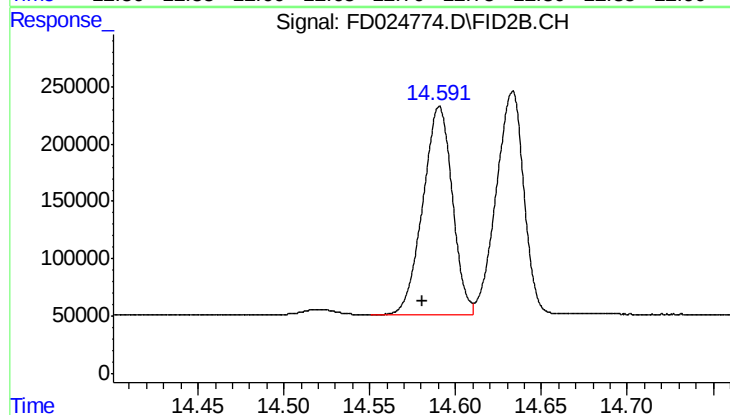
#12 Fluoranthene (C21.85)

R.T.: 12.422 min
Delta R.T.: 0.008 min
Response: 2112922
Conc: 21.19 ug/ml



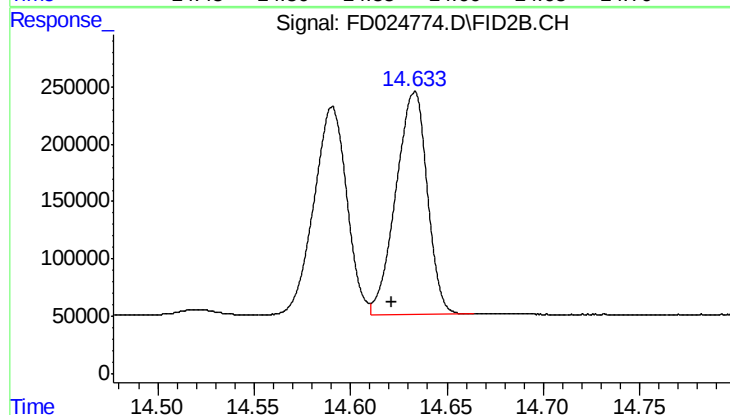
#13 Pyrene (C20.8)

R.T.: 12.718 min
Delta R.T.: 0.009 min
Response: 2144438
Conc: 21.57 ug/ml



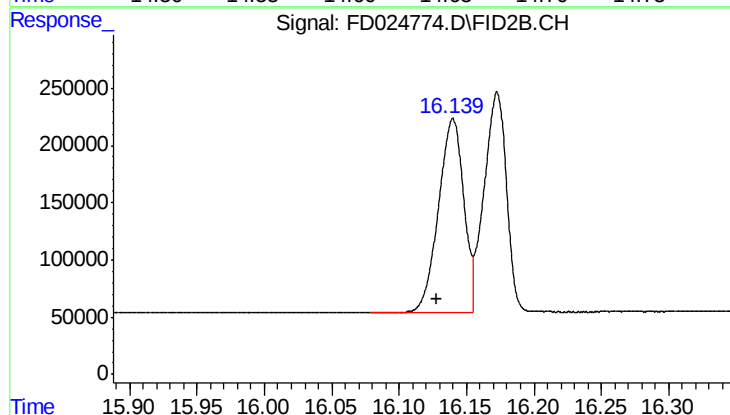
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.591 min
Delta R.T.: 0.010 min
Response: 2152858
Conc: 22.93 ug/ml



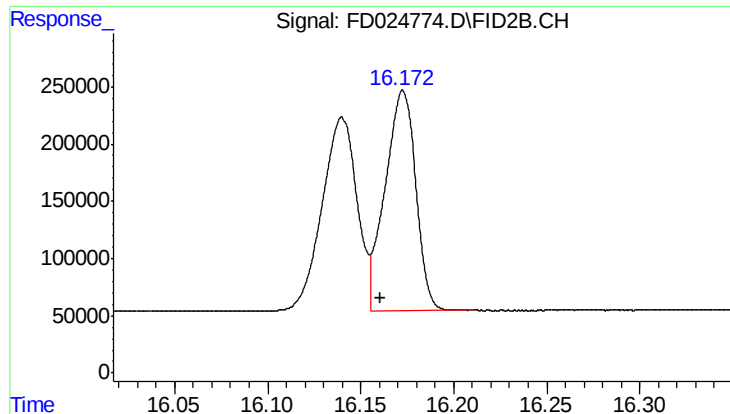
#15 Chrysene (C27.41)

R.T.: 14.633 min
Delta R.T.: 0.012 min
Response: 2160500
Conc: 22.84 ug/ml



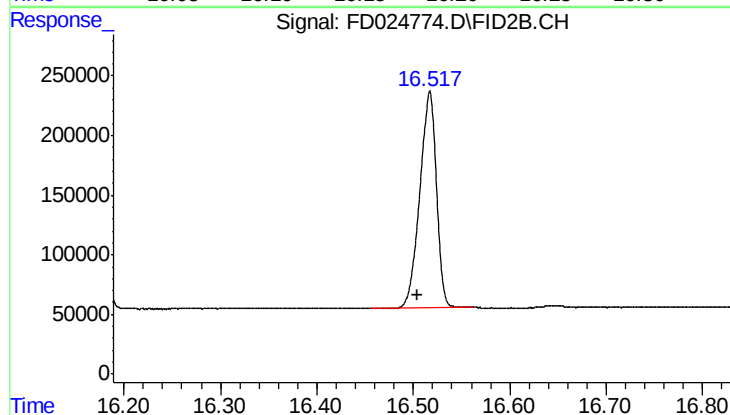
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.140 min
Delta R.T.: 0.012 min
Response: 2199049
Conc: 21.27 ug/ml



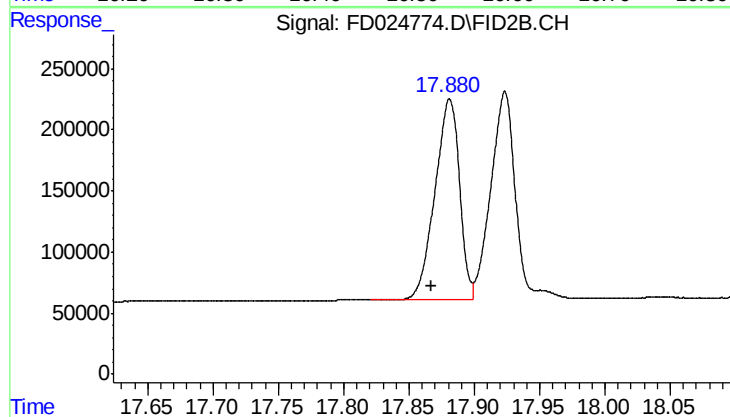
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.173 min
Delta R.T.: 0.012 min
Response: 2213505
Conc: 20.98 ug/ml



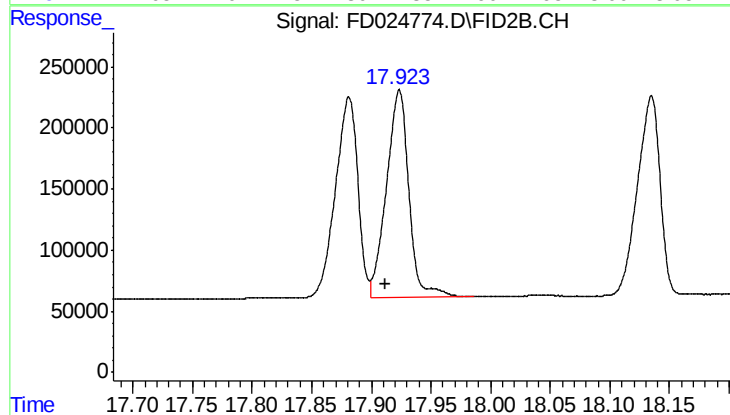
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: 0.013 min
Response: 2189041
Conc: 21.06 ug/ml



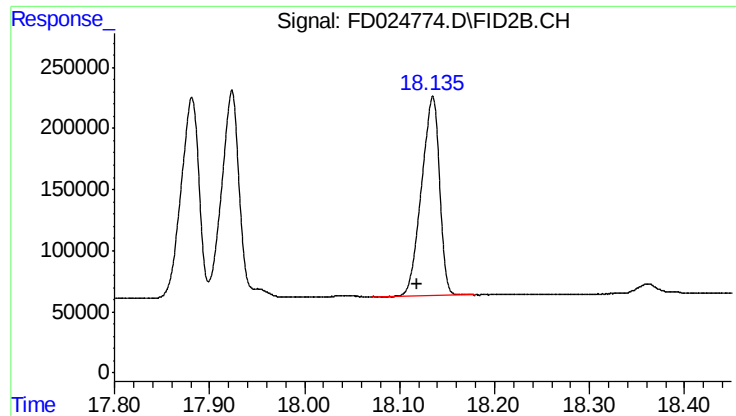
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.014 min
Response: 2138865
Conc: 20.07 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.012 min
Response: 2222586
Conc: 21.25 ug/ml



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

R.T.: 18.135 min
Delta R.T.: 0.016 min
Response: 2149144
Conc: 20.23 ug/ml