

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062220AL\
 Data File : FC048002.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jun 2020 14:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 14:43:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.726	2275410	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.139	1826780	18.653 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.538	2094082	20.926 ug/ml
2) T n-Decane (C10)	4.601	2123420	21.134 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2102052	20.774 ug/ml
4) T n-Dodecane (C12)	6.601	2205539	21.069 ug/ml
5) T A~2-methylnaphthalene...	7.248	2131038	20.584 ug/ml
6) T n-Tetradecane (C14)	8.378	2200500	20.966 ug/ml
7) T n-Hexadecane (C16)	9.965	2162314	20.696 ug/ml
8) T n-Octadecane (C18)	11.394	2221095	19.981 ug/ml
10) T n-Eicosane (C20)	12.693	2181559	19.170 ug/ml
11) T n-Heneicosane (C21)	13.301	2146288	18.756 ug/ml
13) T n-Docosane (C22)	13.884	2100347	18.310 ug/ml
14) T n-Tetracosane (C24)	14.979	2011748	17.506 ug/ml
15) T n-Hexacosane (C26)	15.994	1926098	16.863 ug/ml
16) T n-Octacosane (C28)	16.938	1877933	16.523 ug/ml
17) T n-Tricontane (C30)	17.821	1829031	16.689 ug/ml
18) T n-Dotriacontane (C32)	18.648	1696402	17.112 ug/ml
19) T n-Tetratriacontane (C34)	19.427	1626510	17.760 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1572291	18.334 ug/mlm
21) T n-Octatriacontane (C38)	20.911	1538991	19.326 ug/ml
22) T n-Tetracontane (C40)	21.854	1573017	19.895 ug/ml

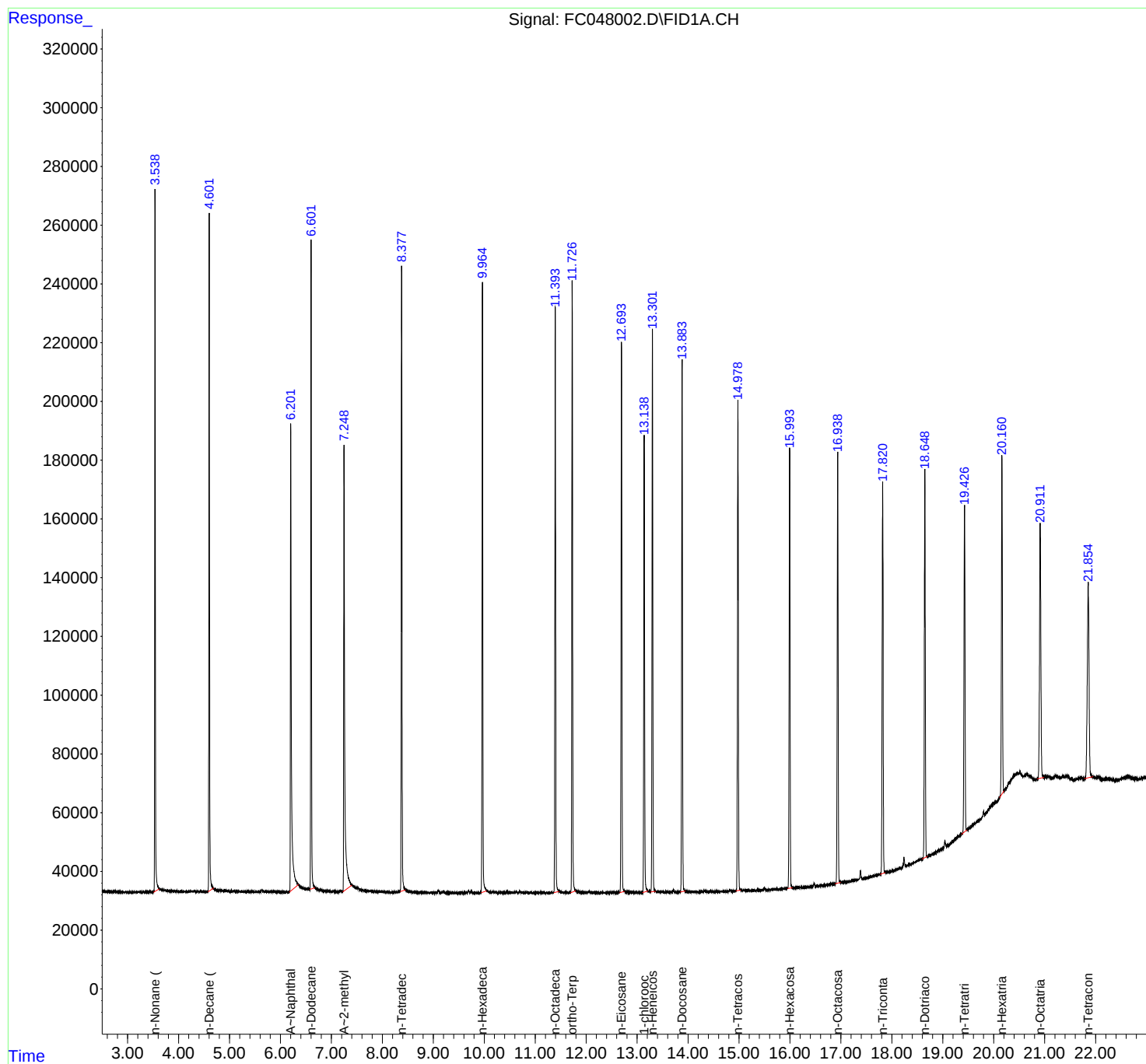
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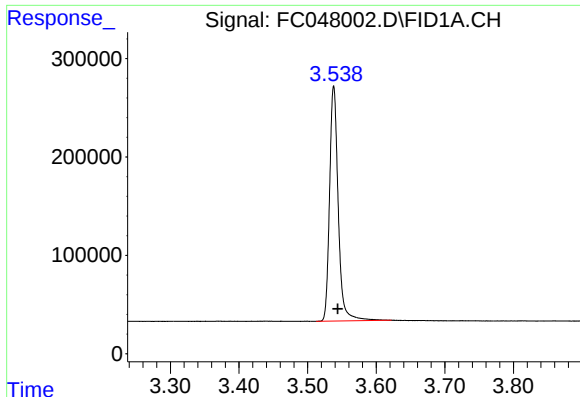
(m)=manual int.

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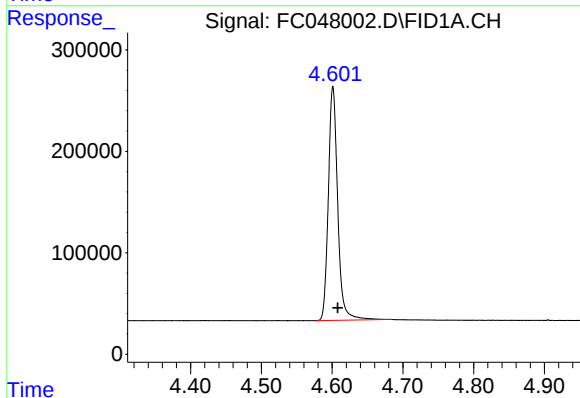
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





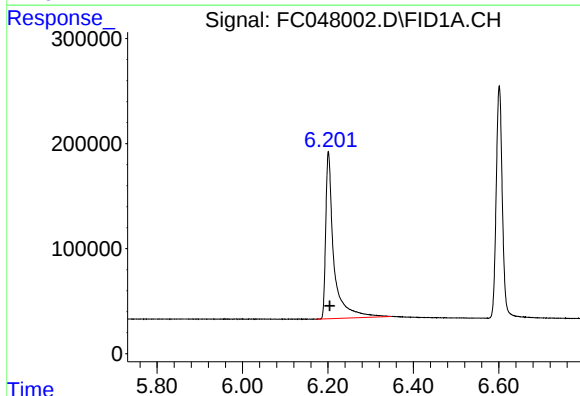
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 2094082
Conc: 20.93 ug/ml



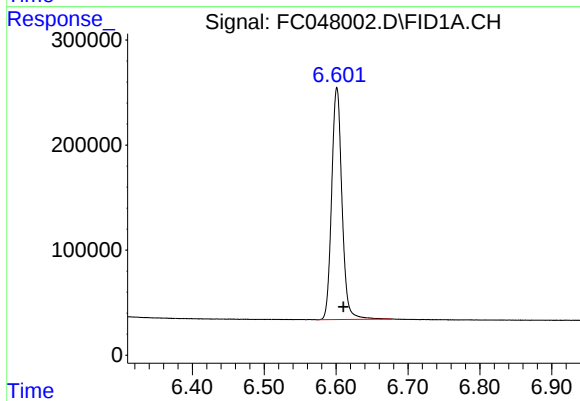
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.007 min
Response: 2123420
Conc: 21.13 ug/ml



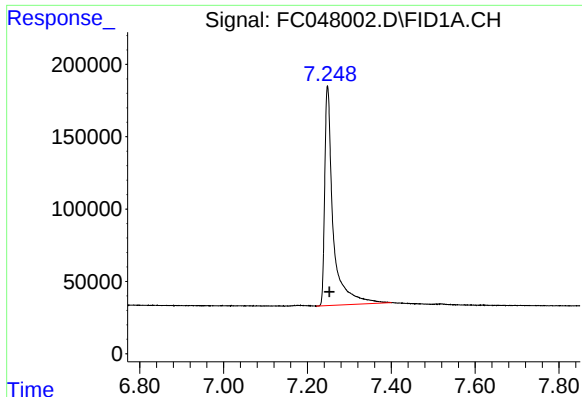
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2102052
Conc: 20.77 ug/ml



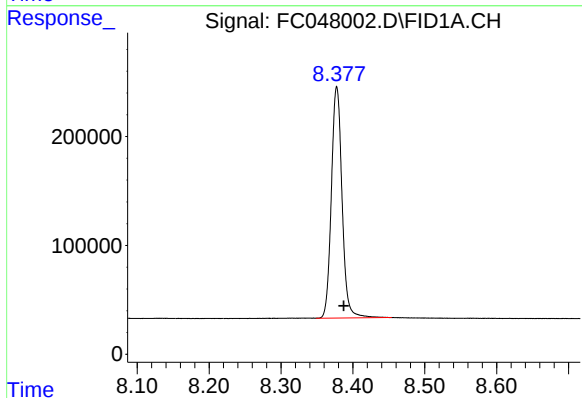
#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.009 min
Response: 2205539
Conc: 21.07 ug/ml



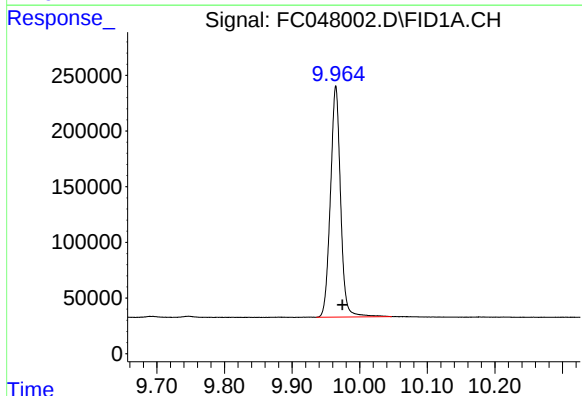
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 2131038
Conc: 20.58 ug/ml



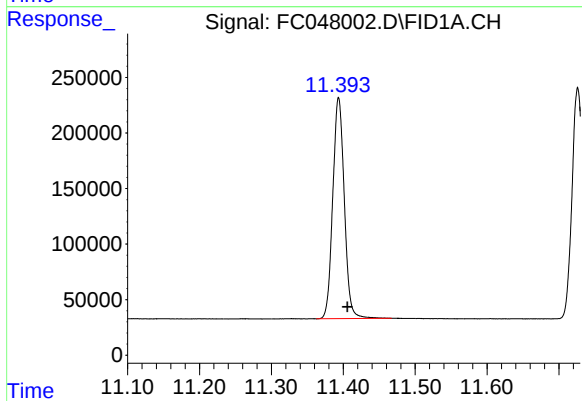
#6 n-Tetradecane (C14)

R.T.: 8.378 min
Delta R.T.: -0.010 min
Response: 2200500
Conc: 20.97 ug/ml



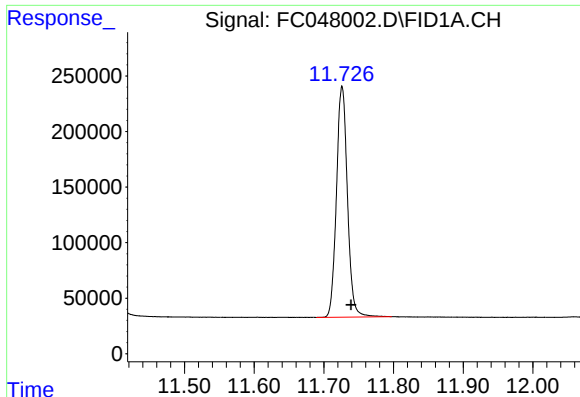
#7 n-Hexadecane (C16)

R.T.: 9.965 min
Delta R.T.: -0.010 min
Response: 2162314
Conc: 20.70 ug/ml



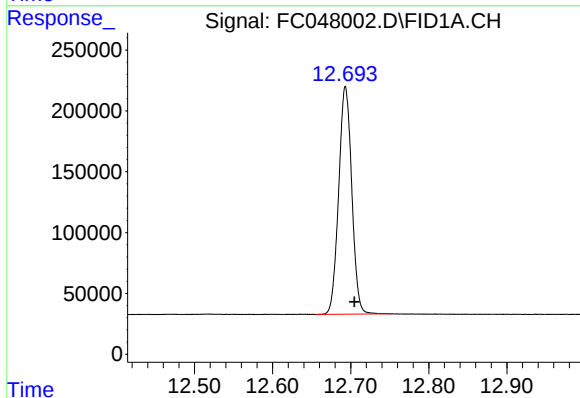
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: -0.012 min
Response: 2221095
Conc: 19.98 ug/ml



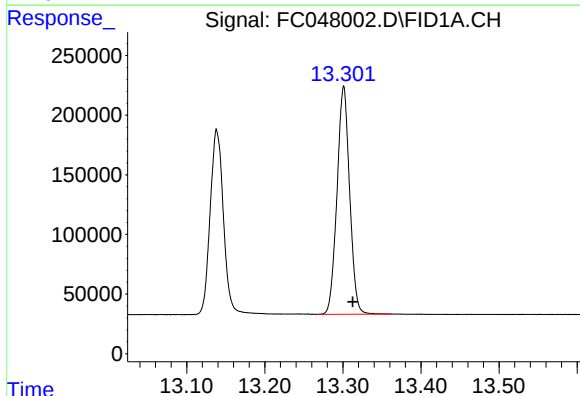
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min
Delta R.T.: -0.013 min
Response: 2275410
Conc: 18.97 ug/ml



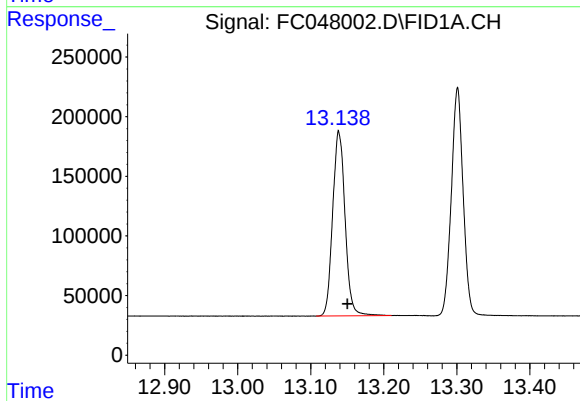
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: -0.012 min
Response: 2181559
Conc: 19.17 ug/ml



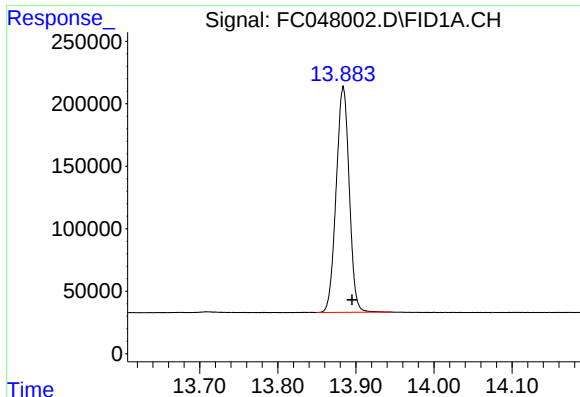
#11 n-Heneicosane (C21)

R.T.: 13.301 min
Delta R.T.: -0.012 min
Response: 2146288
Conc: 18.76 ug/ml



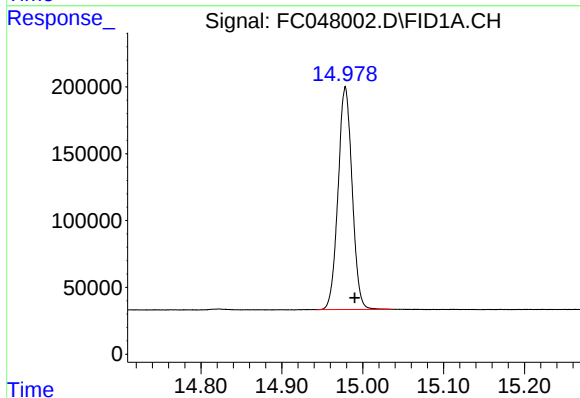
#12 1-chlorooctadecane (SURR)

R.T.: 13.139 min
Delta R.T.: -0.012 min
Response: 1826780
Conc: 18.65 ug/ml



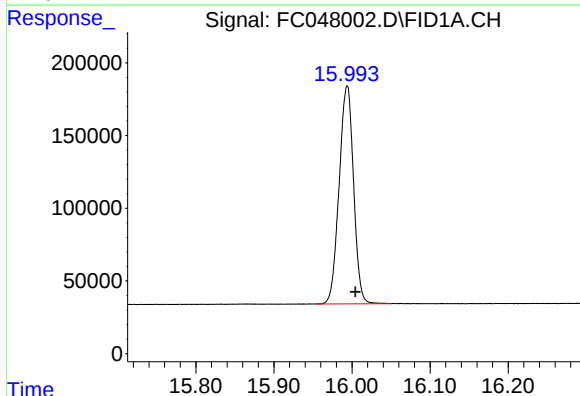
#13 n-Docosane (C22)

R.T.: 13.884 min
Delta R.T.: -0.011 min
Response: 2100347
Conc: 18.31 ug/ml



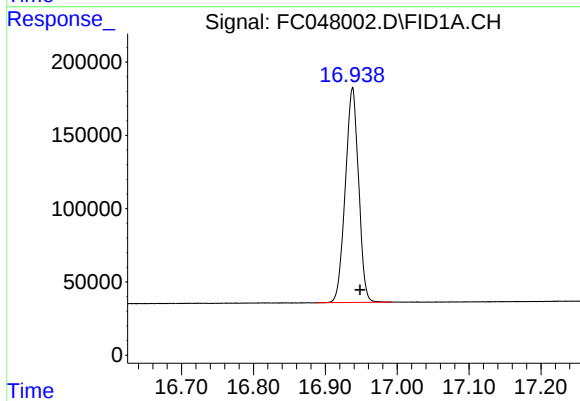
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.012 min
Response: 2011748
Conc: 17.51 ug/ml



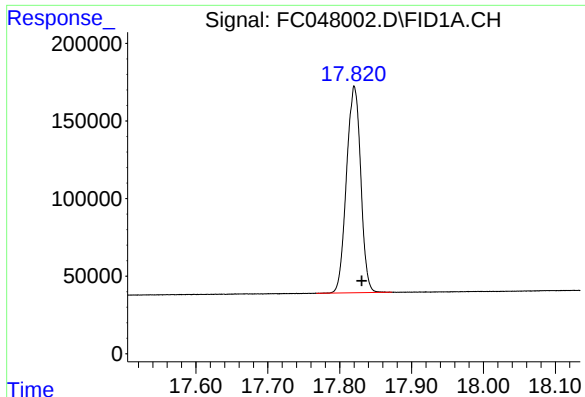
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.010 min
Response: 1926098
Conc: 16.86 ug/ml



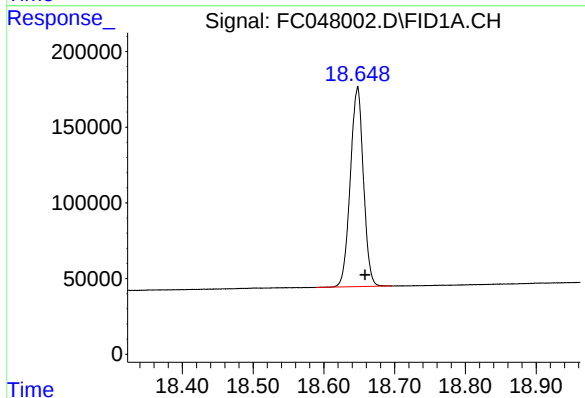
#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.010 min
Response: 1877933
Conc: 16.52 ug/ml



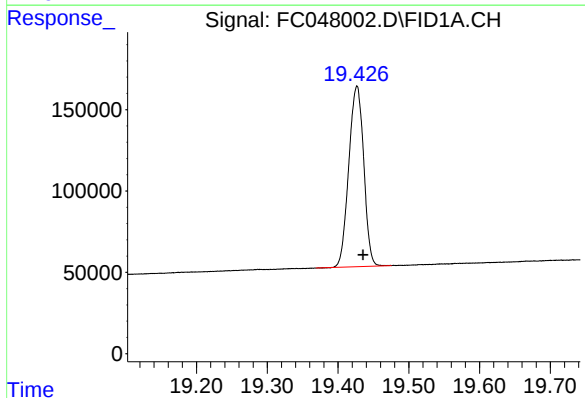
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 1829031
Conc: 16.69 ug/ml



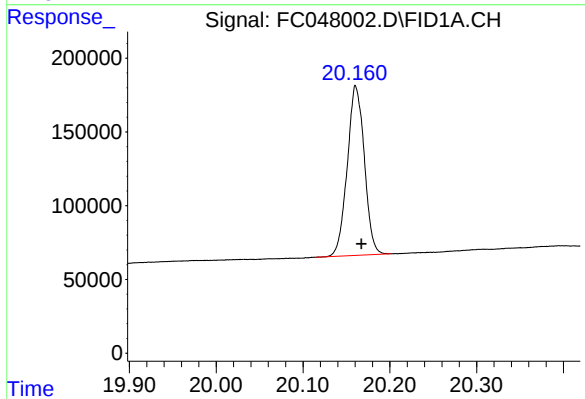
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.011 min
Response: 1696402
Conc: 17.11 ug/ml



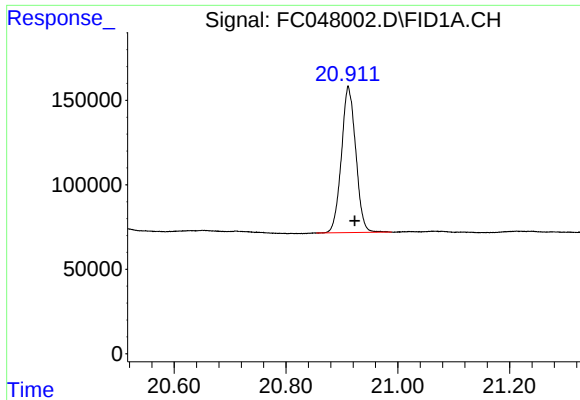
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.008 min
Response: 1626510
Conc: 17.76 ug/ml



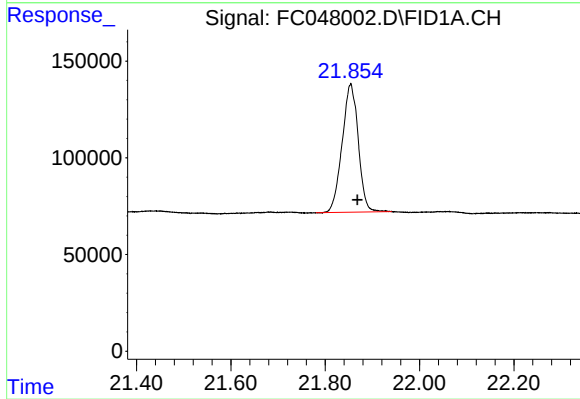
#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: -0.007 min
Response: 1572291
Conc: 18.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.012 min
Response: 1538991
Conc: 19.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.854 min
Delta R.T.: -0.014 min
Response: 1573017
Conc: 19.89 ug/ml