

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010721AL\
 Data File : FC051649.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jan 2021 9:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 10:14:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.556	2144643	18.504 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	12.991	1641432	18.196 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
Target Compounds			
1) T n-Nonane (C9)	3.320	2060825	20.888 ug/ml
2) T n-Decane (C10)	4.386	2087485	21.111 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2136057	20.425 ug/ml
4) T n-Dodecane (C12)	6.404	2137875	20.913 ug/ml
5) T A~2-methylnaphthalene...	7.034	2104333	20.033 ug/ml
6) T n-Tetradecane (C14)	8.197	2064034	20.347 ug/ml
7) T n-Hexadecane (C16)	9.797	1997719	19.835 ug/ml
8) T n-Octadecane (C18)	11.237	2037380	19.103 ug/ml
10) T n-Eicosane (C20)	12.545	1997948	18.553 ug/ml
11) T n-Heneicosane (C21)	13.157	1964106	18.311 ug/ml
13) T n-Docosane (C22)	13.742	1935275	18.122 ug/ml
14) T n-Tetracosane (C24)	14.844	1894191	17.896 ug/ml
15) T n-Hexacosane (C26)	15.863	1872083	18.074 ug/ml
16) T n-Octacosane (C28)	16.813	1869964	18.366 ug/ml
17) T n-Tricontane (C30)	17.697	1859972	18.887 ug/ml
18) T n-Dotriacontane (C32)	18.527	1772149	19.561 ug/ml
19) T n-Tetratriacontane (C34)	19.309	1729721	20.350 ug/ml
20) T n-Hexatriacontane (C36)	20.047	1859327	21.928 ug/ml
21) T n-Octatriacontane (C38)	20.778	1619043	21.147 ug/ml
22) T n-Tetracontane (C40)	21.684	1612573	20.392 ug/ml

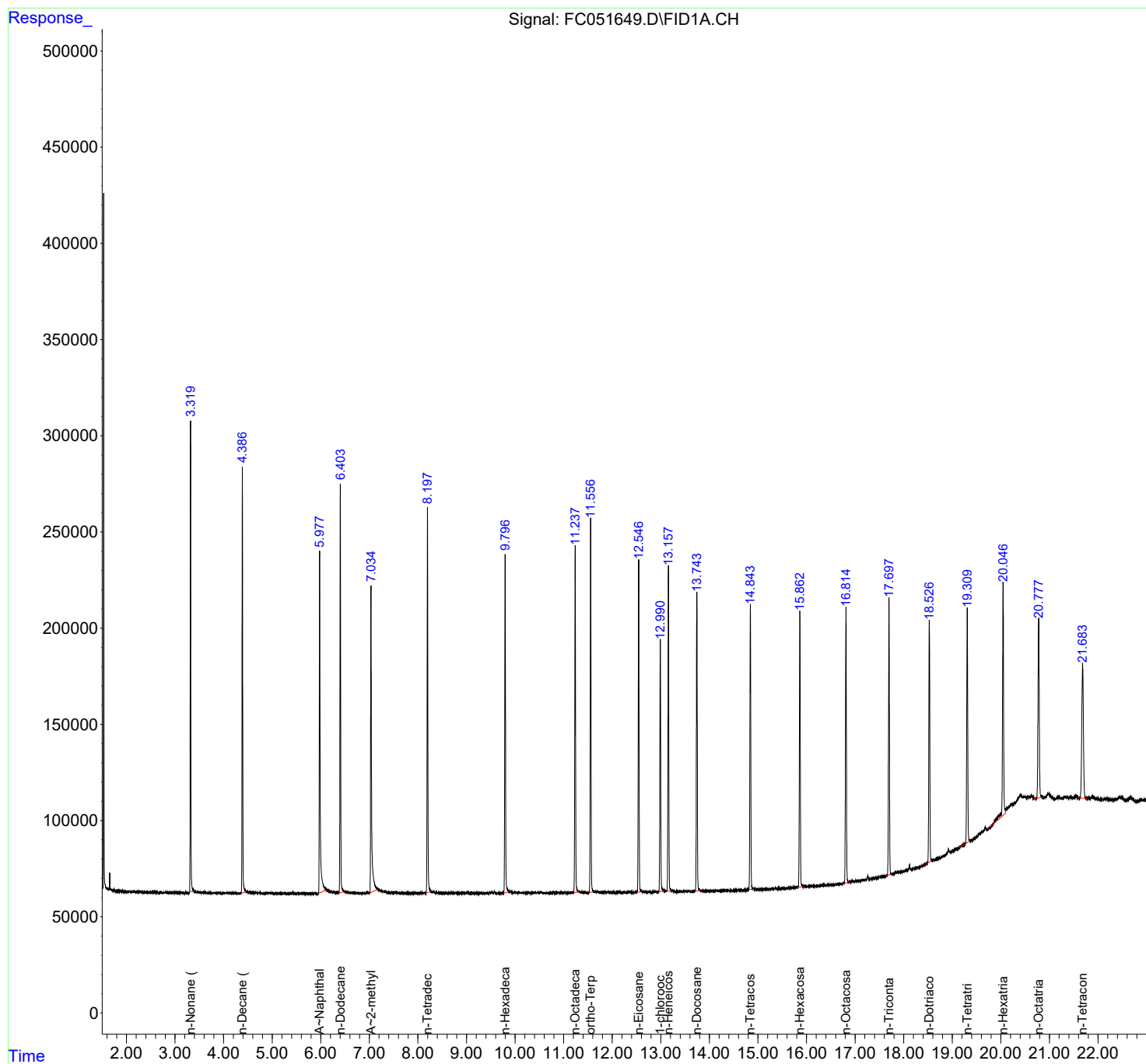
(f)=RT Delta > 1/2 Window

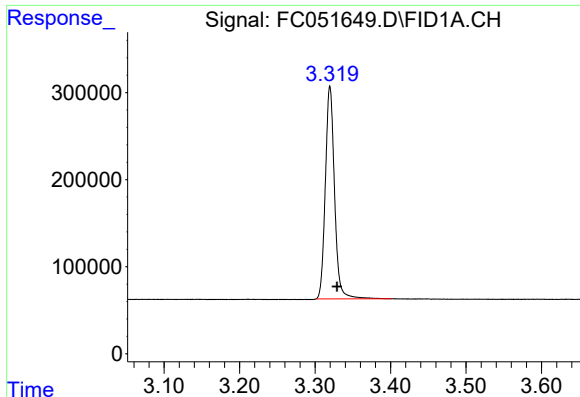
(m)=manual int.

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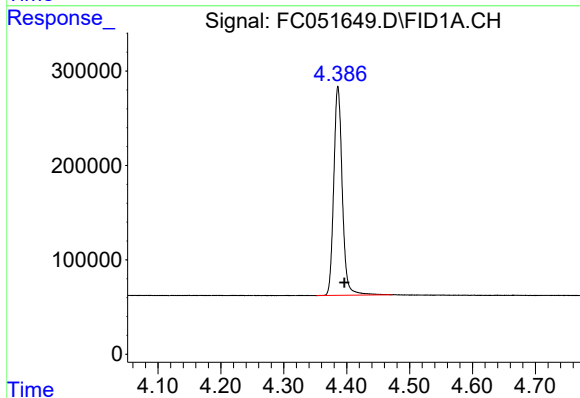
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





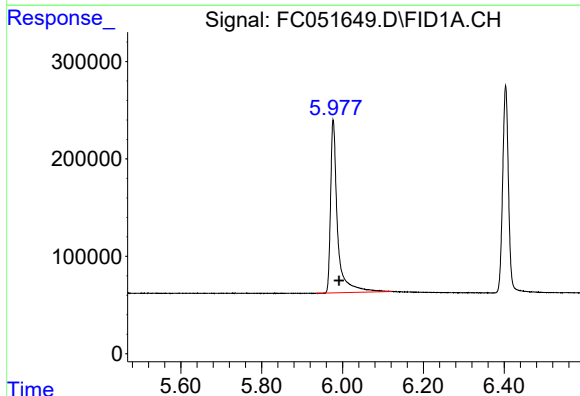
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.009 min
Response: 2060825
Conc: 20.89 ug/ml



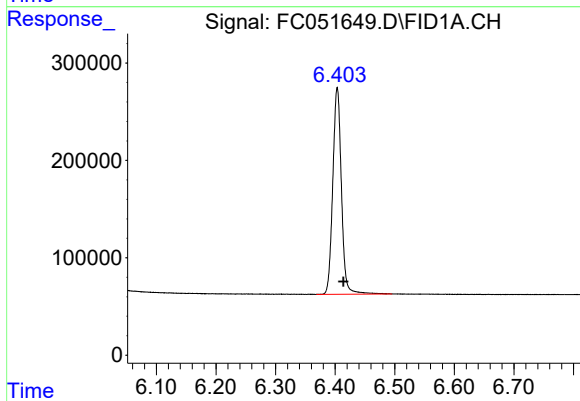
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.010 min
Response: 2087485
Conc: 21.11 ug/ml



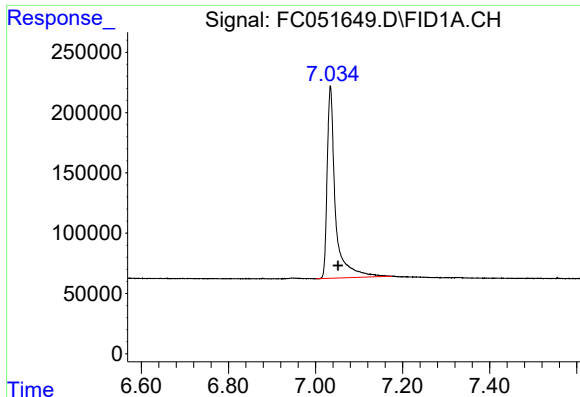
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.014 min
Response: 2136057
Conc: 20.42 ug/ml



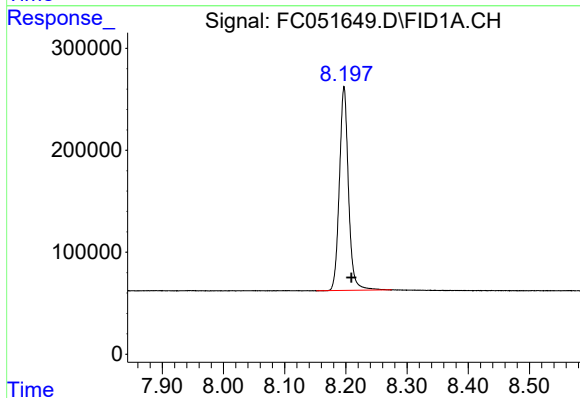
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.010 min
Response: 2137875
Conc: 20.91 ug/ml



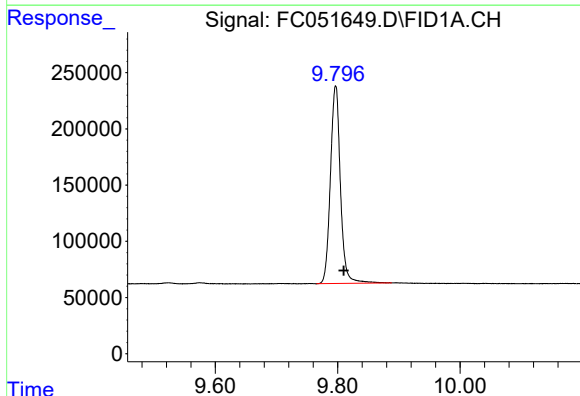
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.017 min
Response: 2104333
Conc: 20.03 ug/ml



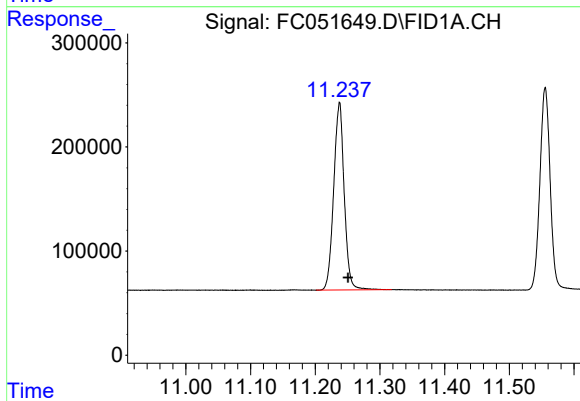
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2064034
Conc: 20.35 ug/ml



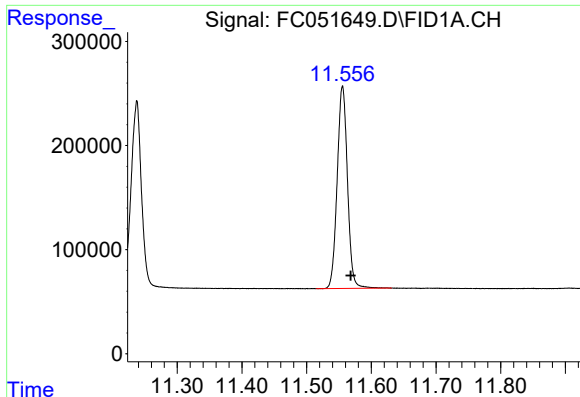
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 1997719
Conc: 19.84 ug/ml



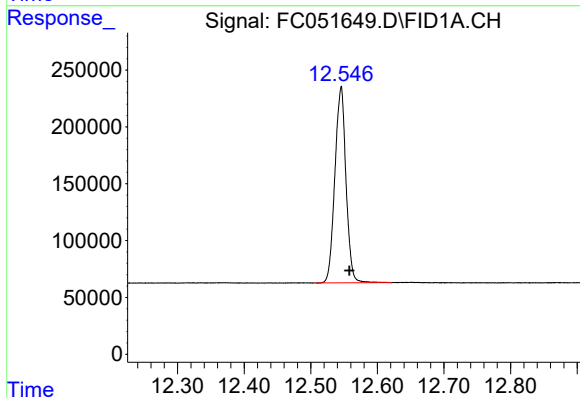
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.013 min
Response: 2037380
Conc: 19.10 ug/ml



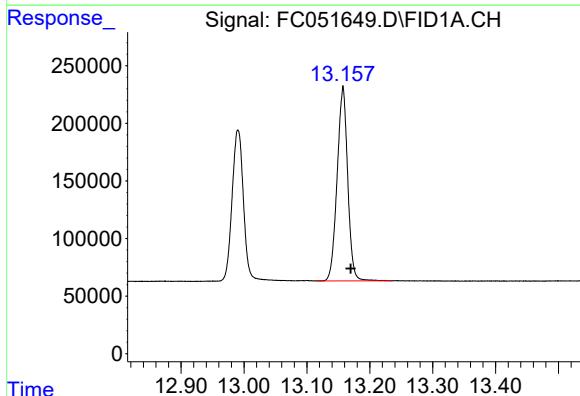
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2144643
Conc: 18.50 ug/ml



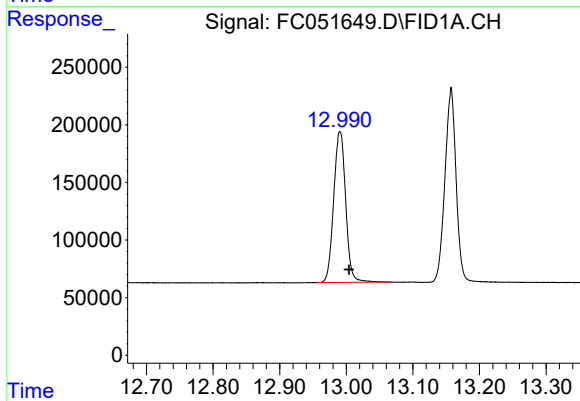
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.013 min
Response: 1997948
Conc: 18.55 ug/ml



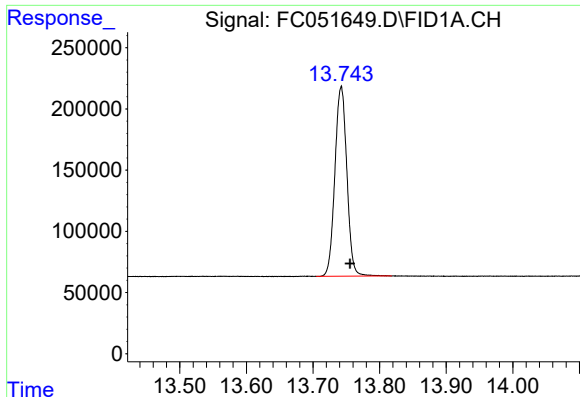
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.012 min
Response: 1964106
Conc: 18.31 ug/ml



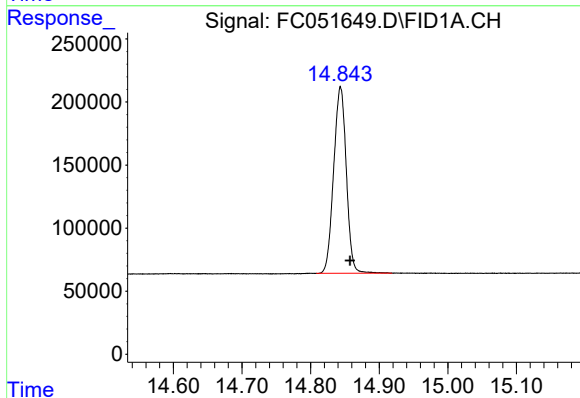
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.014 min
Response: 1641432
Conc: 18.20 ug/ml



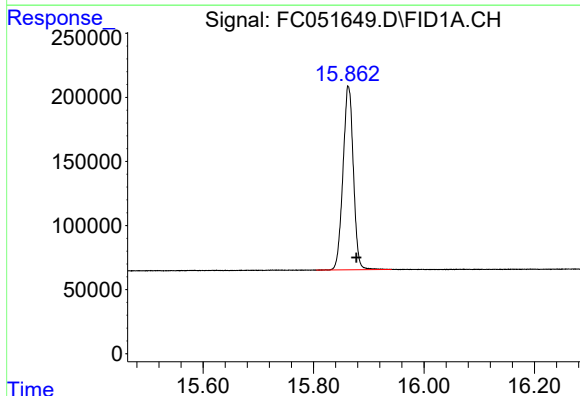
#13 n-Docosane (C22)

R.T.: 13.742 min
Delta R.T.: -0.014 min
Response: 1935275
Conc: 18.12 ug/ml



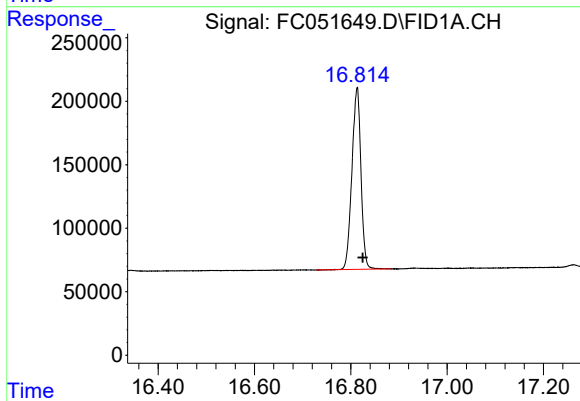
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.014 min
Response: 1894191
Conc: 17.90 ug/ml



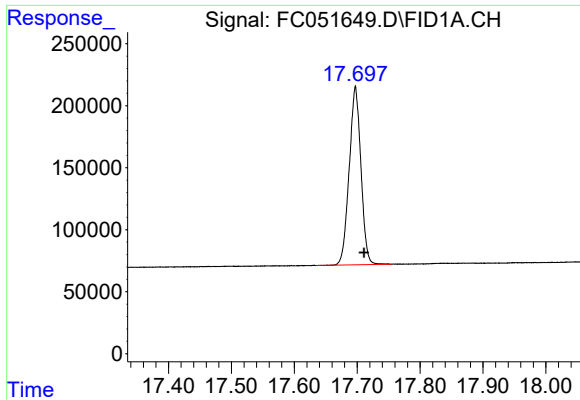
#15 n-Hexacosane (C26)

R.T.: 15.863 min
Delta R.T.: -0.014 min
Response: 1872083
Conc: 18.07 ug/ml



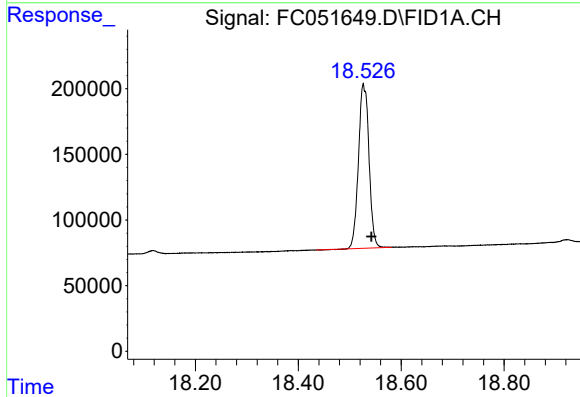
#16 n-Octacosane (C28)

R.T.: 16.813 min
Delta R.T.: -0.012 min
Response: 1869964
Conc: 18.37 ug/ml



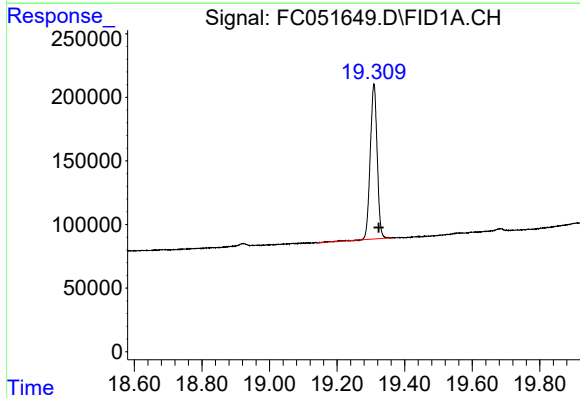
#17 n-Tricontane (C30)

R.T.: 17.697 min
Delta R.T.: -0.014 min
Response: 1859972
Conc: 18.89 ug/ml



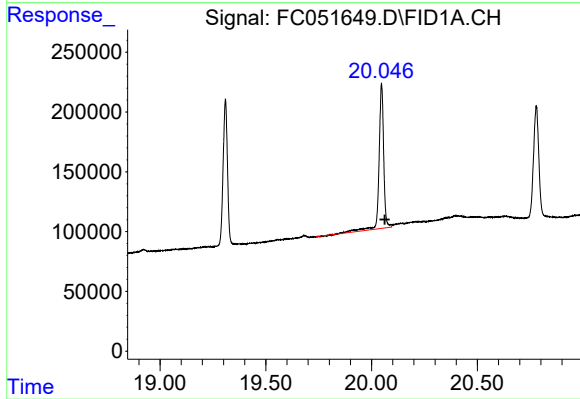
#18 n-Dotriacontane (C32)

R.T.: 18.527 min
Delta R.T.: -0.015 min
Response: 1772149
Conc: 19.56 ug/ml



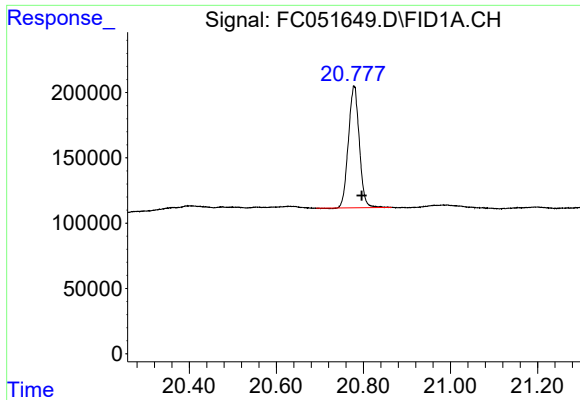
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.015 min
Response: 1729721
Conc: 20.35 ug/ml



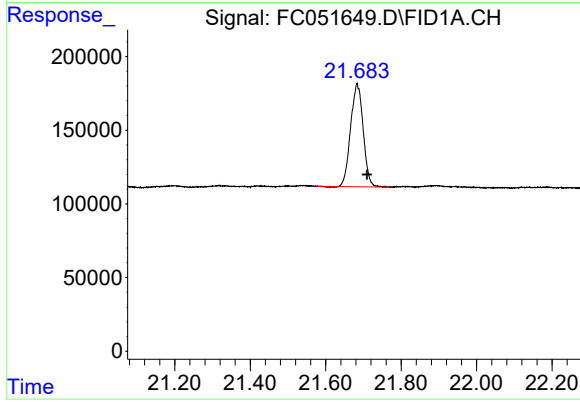
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.015 min
Response: 1859327
Conc: 21.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.018 min
Response: 1619043
Conc: 21.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.026 min
Response: 1612573
Conc: 20.39 ug/ml