

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040819AL\
 Data File : FC040411.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2019 11:11
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 00:36:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.028	2453827	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	12.458	1855138	18.781 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	2.860	1643982	19.919 ug/ml
2) T n-Decane (C10)	3.882	1713798	20.249 ug/ml
3) T A~Naphthalene (C11.7)	5.456	2058964	21.103 ug/ml
4) T n-Dodecane (C12)	5.876	1793782	20.767 ug/ml
5) T A~2-methylnaphthalene...	6.506	2099065	21.125 ug/ml
6) T n-Tetradecane (C14)	7.667	1868929	20.506 ug/ml
7) T n-Hexadecane (C16)	9.265	1892371	19.689 ug/ml
8) T n-Octadecane (C18)	10.705	1884143	18.783 ug/ml
10) T n-Eicosane (C20)	12.012	1883752	18.510 ug/ml
11) T n-Heneicosane (C21)	12.623	1870876	18.553 ug/ml
13) T n-Docosane (C22)	13.208	1871145	18.615 ug/ml
14) T n-Tetracosane (C24)	14.310	1882341	18.906 ug/ml
15) T n-Hexacosane (C26)	15.330	1875743	19.159 ug/ml
16) T n-Octacosane (C28)	16.280	1886358	19.229 ug/ml
17) T n-Tricontane (C30)	17.167	1864625	19.056 ug/ml
18) T n-Dotriacontane (C32)	18.000	1793583	18.533 ug/ml
19) T n-Tetratriacontane (C34)	18.819	1590074	18.968 ug/ml
20) T n-Hexatriacontane (C36)	19.846	1405927	19.095 ug/ml
21) T n-Octatriacontane (C38)	21.233	1323010	19.147 ug/ml
22) T n-Tetracontane (C40)	23.161	1290952	19.044 ug/ml

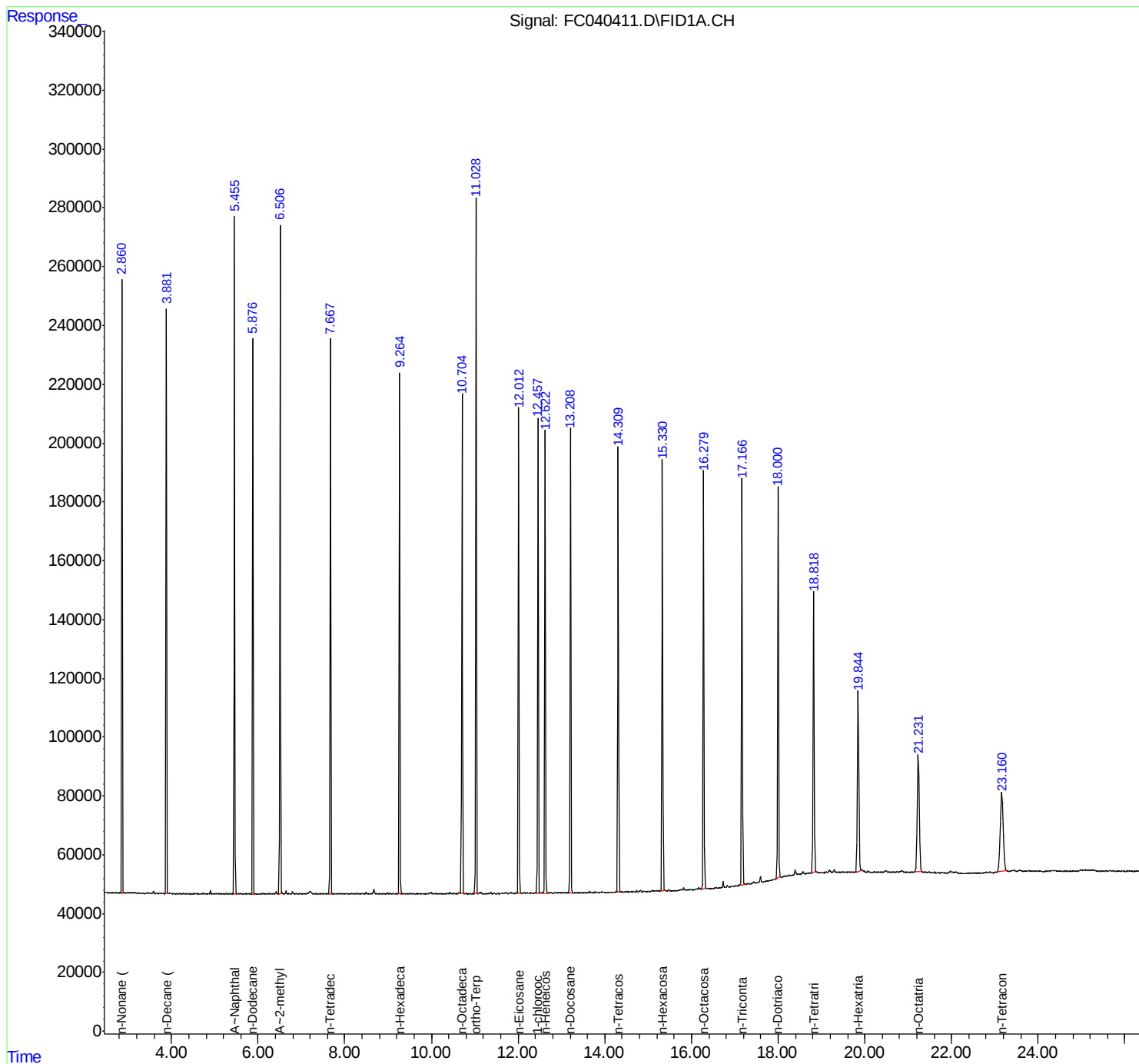
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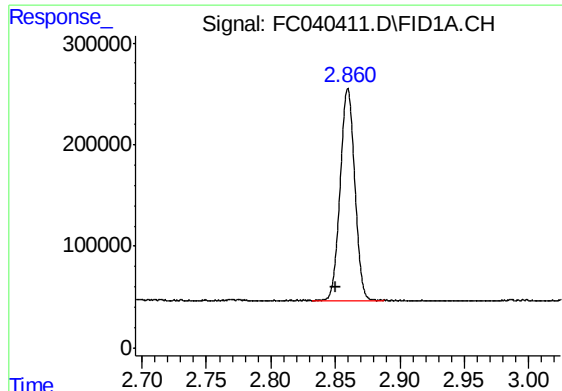
(m)=manual int.

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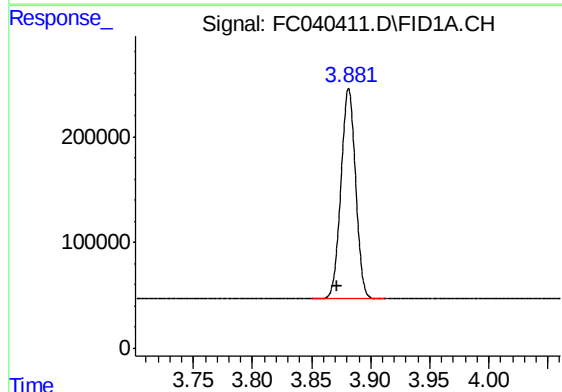
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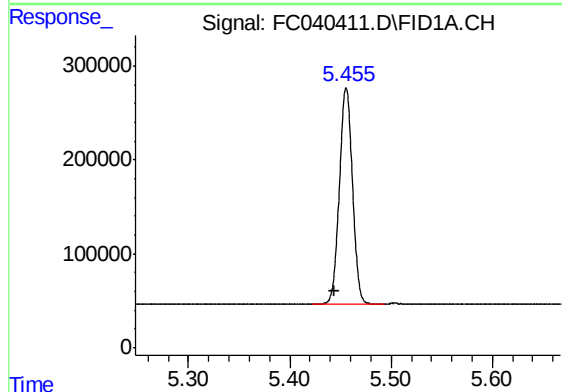
#1 n-Nonane (C9)

R.T.: 2.860 min
Delta R.T.: 0.010 min
Response: 1643982
Conc: 19.92 ug/ml



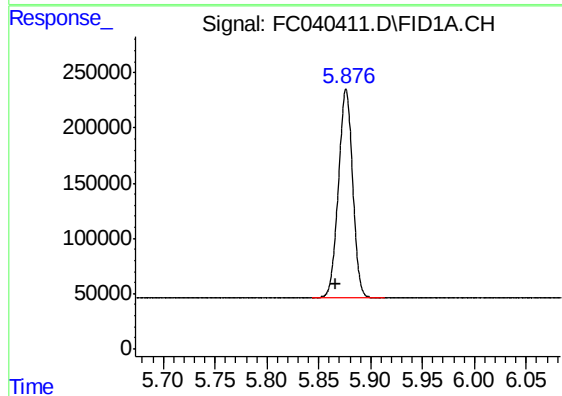
#2 n-Decane (C10)

R.T.: 3.882 min
Delta R.T.: 0.010 min
Response: 1713798
Conc: 20.25 ug/ml



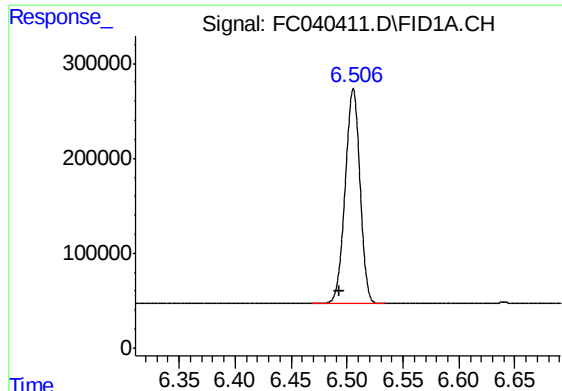
#3 A~Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: 0.011 min
Response: 2058964
Conc: 21.10 ug/ml



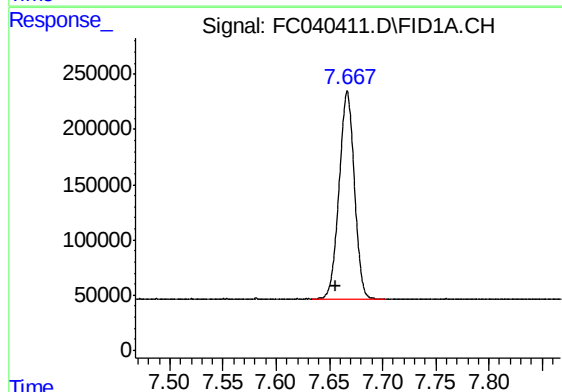
#4 n-Dodecane (C12)

R.T.: 5.876 min
Delta R.T.: 0.010 min
Response: 1793782
Conc: 20.77 ug/ml



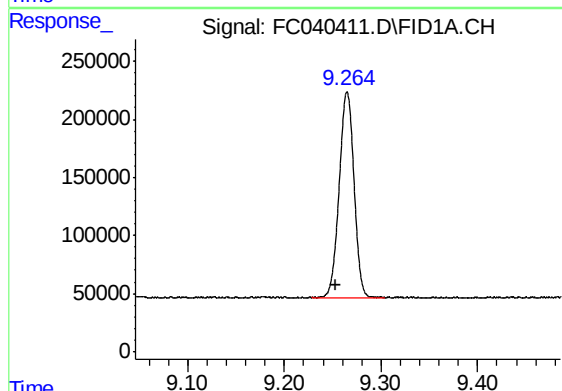
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.506 min
Delta R.T.: 0.012 min
Response: 2099065
Conc: 21.13 ug/ml



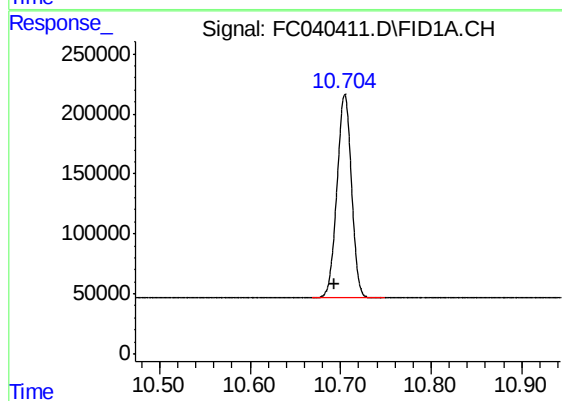
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 1868929
Conc: 20.51 ug/ml



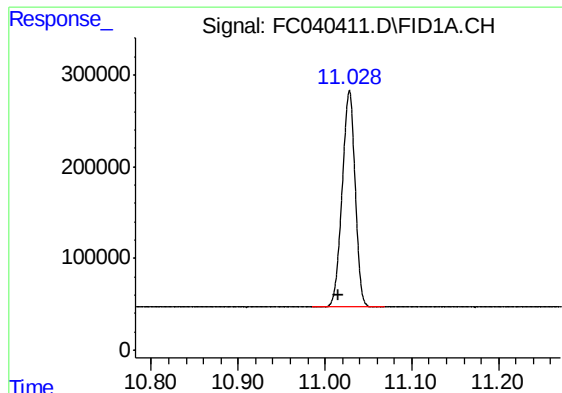
#7 n-Hexadecane (C16)

R.T.: 9.265 min
Delta R.T.: 0.011 min
Response: 1892371
Conc: 19.69 ug/ml



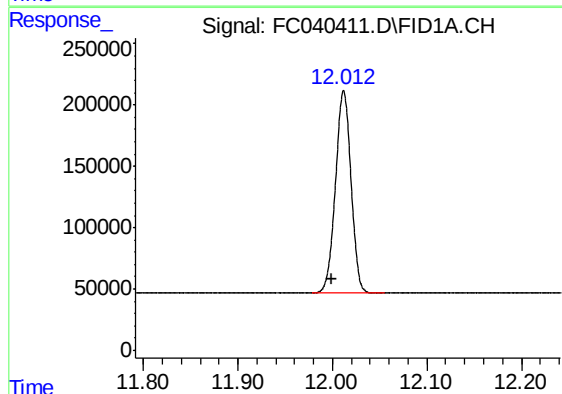
#8 n-Octadecane (C18)

R.T.: 10.705 min
Delta R.T.: 0.012 min
Response: 1884143
Conc: 18.78 ug/ml



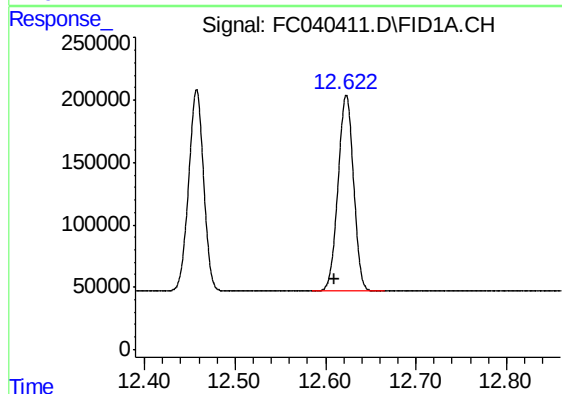
#9 ortho-Terphenyl (SURR)

R.T.: 11.028 min
Delta R.T.: 0.013 min
Response: 2453827
Conc: 19.05 ug/ml



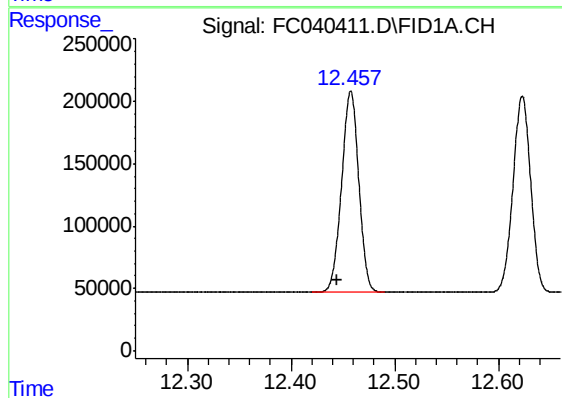
#10 n-Eicosane (C20)

R.T.: 12.012 min
Delta R.T.: 0.012 min
Response: 1883752
Conc: 18.51 ug/ml



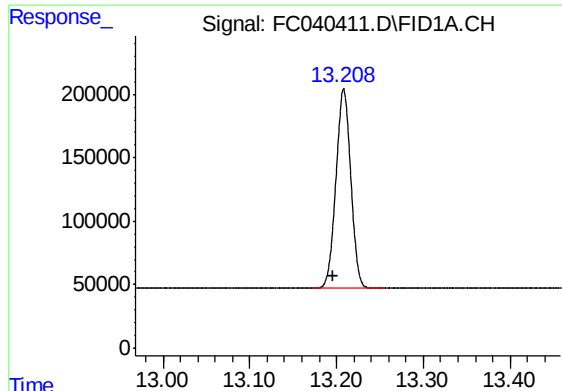
#11 n-Heneicosane (C21)

R.T.: 12.623 min
Delta R.T.: 0.013 min
Response: 1870876
Conc: 18.55 ug/ml



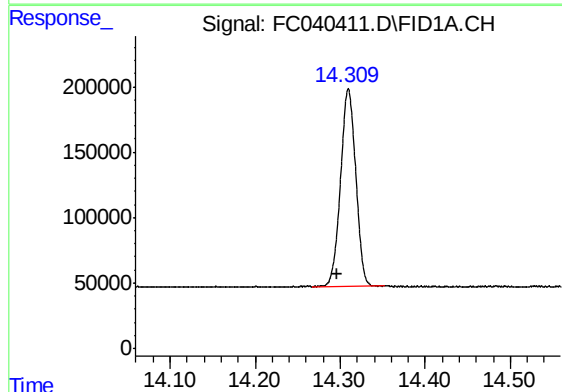
#12 1-chlorooctadecane (SURR)

R.T.: 12.458 min
Delta R.T.: 0.013 min
Response: 1855138
Conc: 18.78 ug/ml



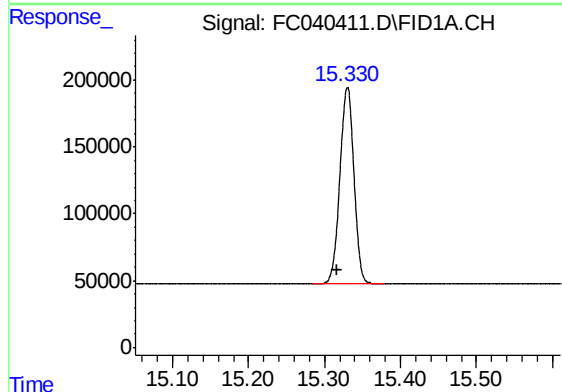
#13 n-Docosane (C22)

R.T.: 13.208 min
Delta R.T.: 0.013 min
Response: 1871145
Conc: 18.61 ug/ml



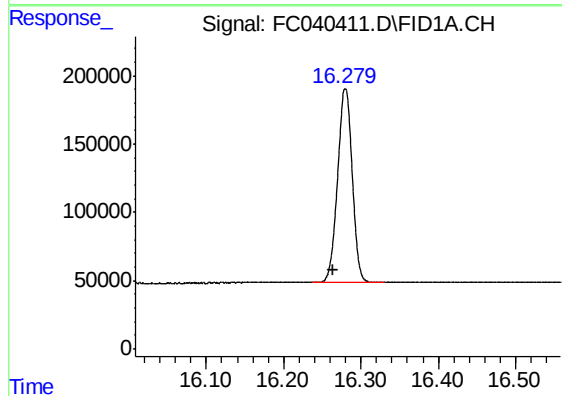
#14 n-Tetracosane (C24)

R.T.: 14.310 min
Delta R.T.: 0.013 min
Response: 1882341
Conc: 18.91 ug/ml



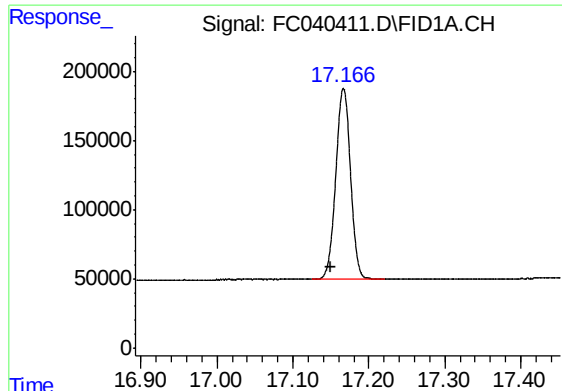
#15 n-Hexacosane (C26)

R.T.: 15.330 min
Delta R.T.: 0.014 min
Response: 1875743
Conc: 19.16 ug/ml



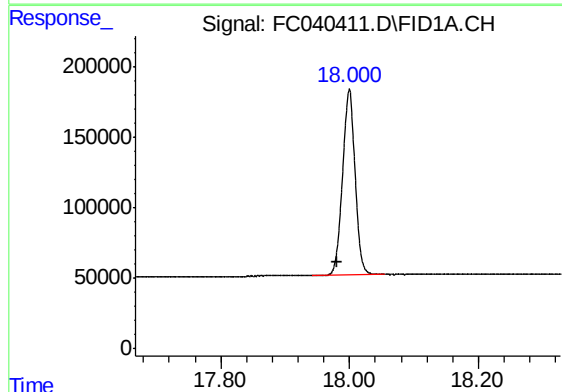
#16 n-Octacosane (C28)

R.T.: 16.280 min
Delta R.T.: 0.016 min
Response: 1886358
Conc: 19.23 ug/ml



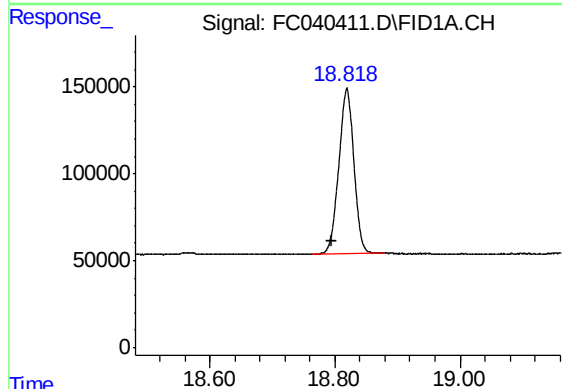
#17 n-Tricontane (C30)

R.T.: 17.167 min
Delta R.T.: 0.017 min
Response: 1864625
Conc: 19.06 ug/ml



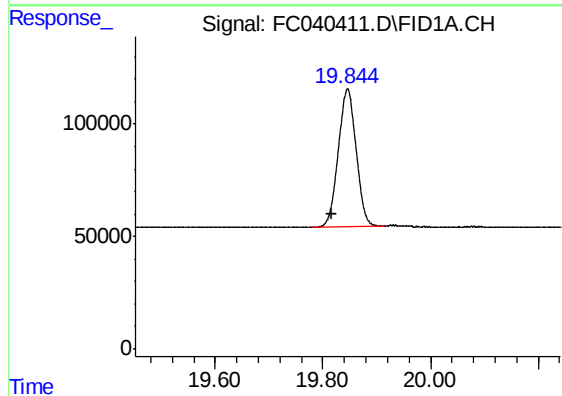
#18 n-Dotriacontane (C32)

R.T.: 18.000 min
Delta R.T.: 0.020 min
Response: 1793583
Conc: 18.53 ug/ml



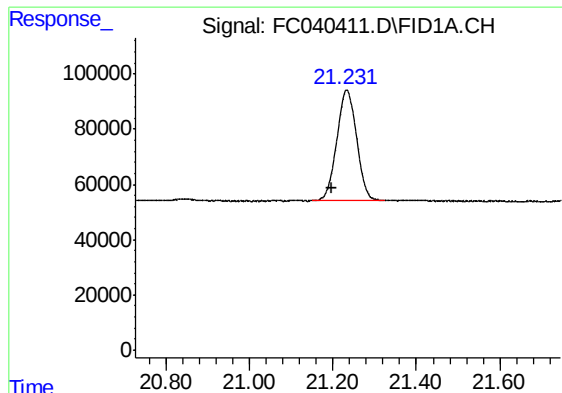
#19 n-Tetatriacontane (C34)

R.T.: 18.819 min
Delta R.T.: 0.023 min
Response: 1590074
Conc: 18.97 ug/ml



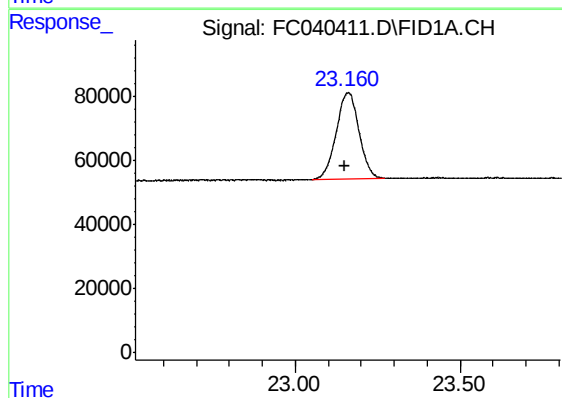
#20 n-Hexatriacontane (C36)

R.T.: 19.846 min
Delta R.T.: 0.028 min
Response: 1405927
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.036 min
Response: 1323010
Conc: 19.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.161 min
Delta R.T.: 0.011 min
Response: 1290952
Conc: 19.04 ug/ml