

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050620AL\
 Data File : FC047314.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2020 22:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 02:12:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.749	2274433	20.440 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	13.162	1795543	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.550	2086514	21.612 ug/ml
2) T n-Decane (C10)	4.614	2114759	21.923 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2174047	21.581 ug/ml
4) T n-Dodecane (C12)	6.617	2150068	21.868 ug/ml
5) T A~2-methylnaphthalene...	7.263	2176569	21.821 ug/ml
6) T n-Tetradecane (C14)	8.396	2154822	21.819 ug/ml
7) T n-Hexadecane (C16)	9.984	2174817	21.571 ug/ml
8) T n-Octadecane (C18)	11.415	2167640	20.997 ug/ml
10) T n-Eicosane (C20)	12.715	2137919	20.375 ug/ml
11) T n-Heneicosane (C21)	13.324	2140868	20.127 ug/ml
13) T n-Docosane (C22)	13.906	2109529	19.825 ug/ml
14) T n-Tetracosane (C24)	15.002	2086851	19.405 ug/ml
15) T n-Hexacosane (C26)	16.017	2036080	18.872 ug/ml
16) T n-Octacosane (C28)	16.961	1977908	18.505 ug/ml
17) T n-Tricontane (C30)	17.843	1837459	18.362 ug/ml
18) T n-Dotriacontane (C32)	18.671	1407157	18.466 ug/ml
19) T n-Tetratriacontane (C34)	19.449	1040683	18.520 ug/ml
20) T n-Hexatriacontane (C36)	20.185	908369	18.152 ug/ml
21) T n-Octatriacontane (C38)	20.942	858579	18.934 ug/ml
22) T n-Tetracontane (C40)	21.892	890396	18.981 ug/ml

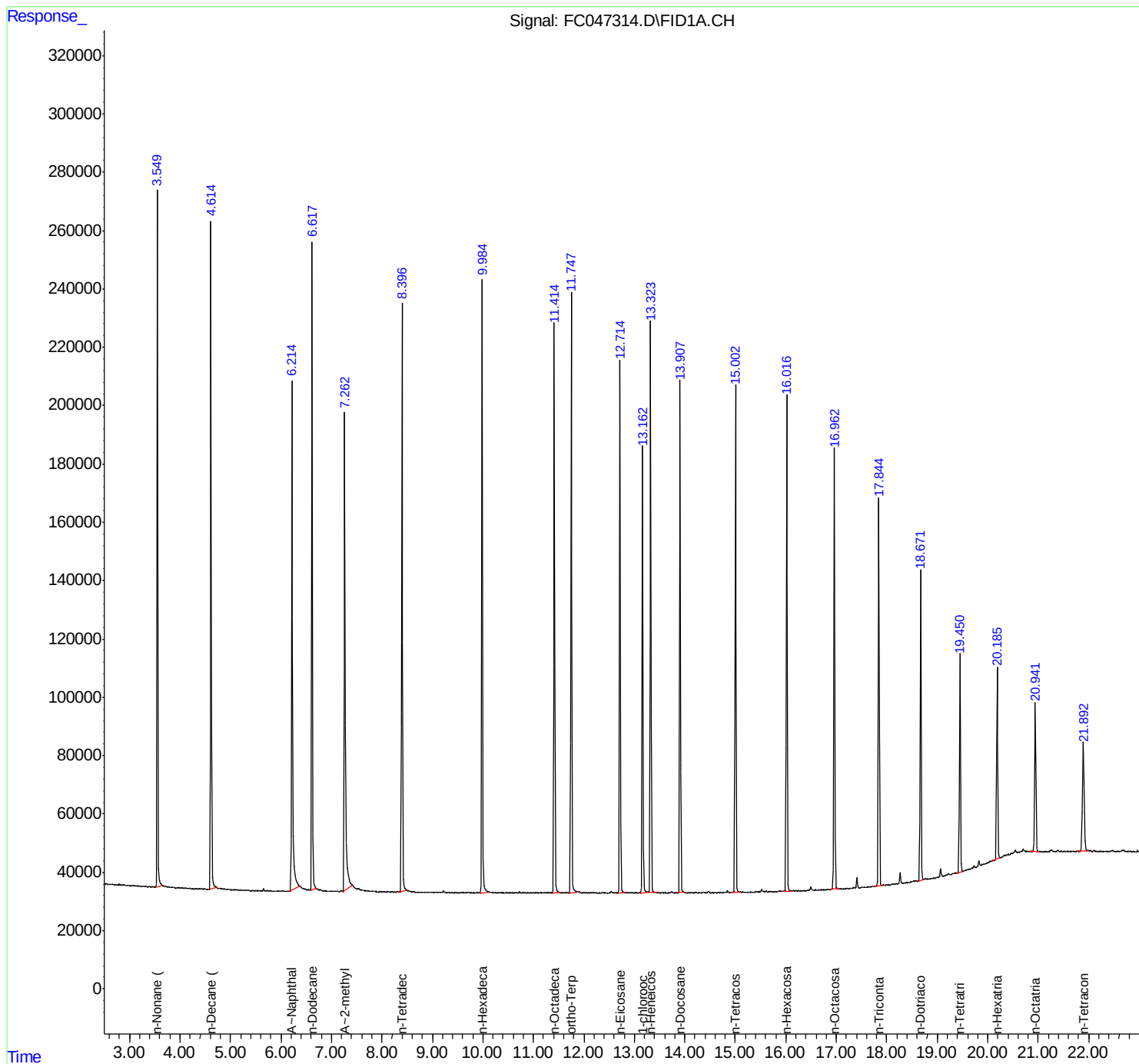
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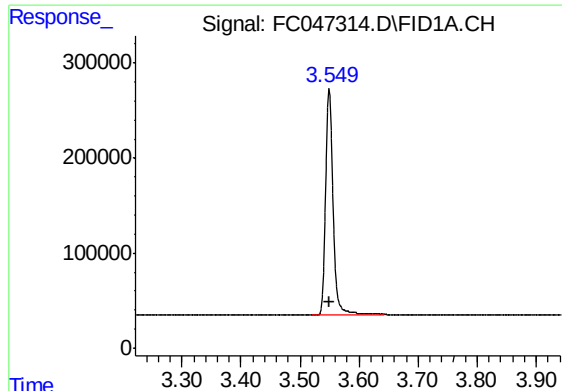
(m)=manual int.

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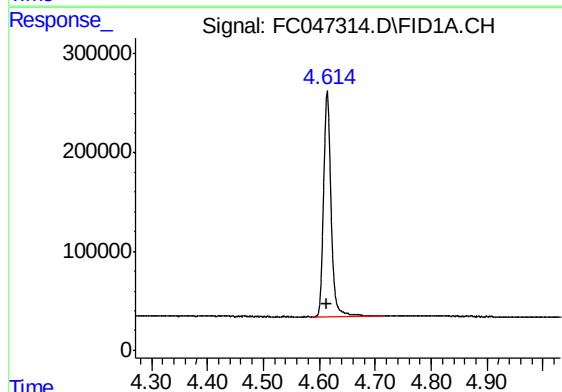
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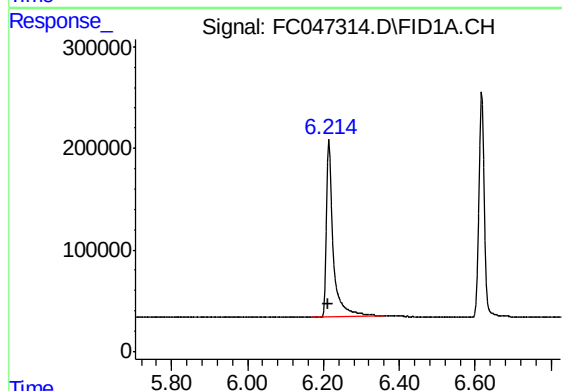
#1 n-Nonane (C9)

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2086514
Conc: 21.61 ug/ml



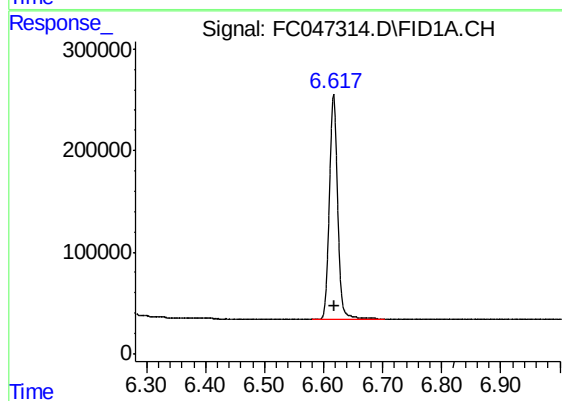
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 2114759
Conc: 21.92 ug/ml



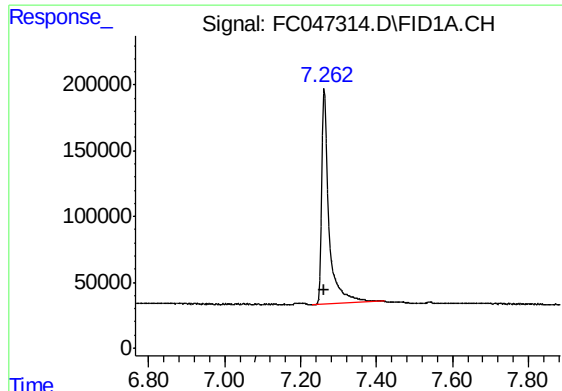
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 2174047
Conc: 21.58 ug/ml



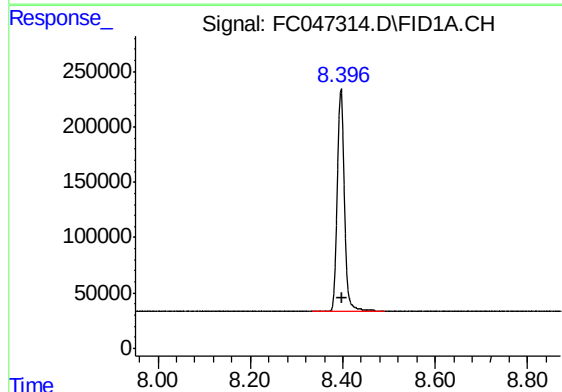
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2150068
Conc: 21.87 ug/ml



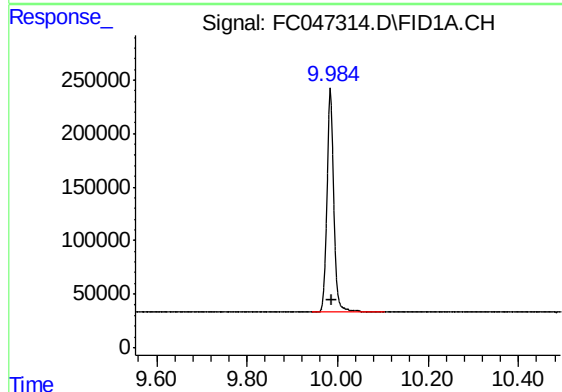
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2176569
Conc: 21.82 ug/ml



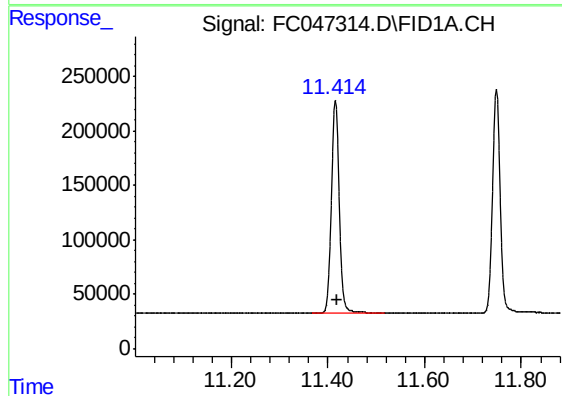
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 2154822
Conc: 21.82 ug/ml



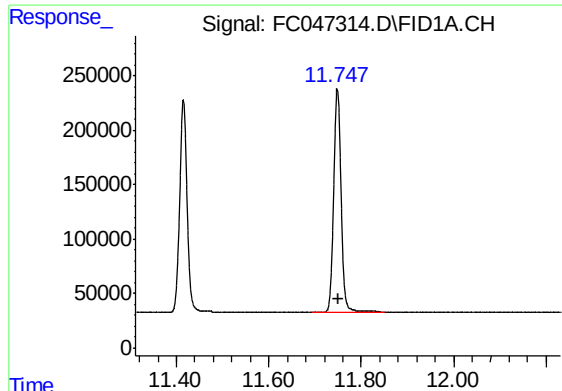
#7 n-Hexadecane (C16)

R.T.: 9.984 min
Delta R.T.: -0.002 min
Response: 2174817
Conc: 21.57 ug/ml



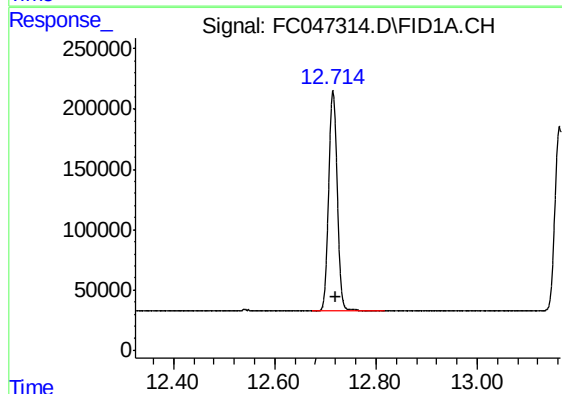
#8 n-Octadecane (C18)

R.T.: 11.415 min
Delta R.T.: -0.003 min
Response: 2167640
Conc: 21.00 ug/ml



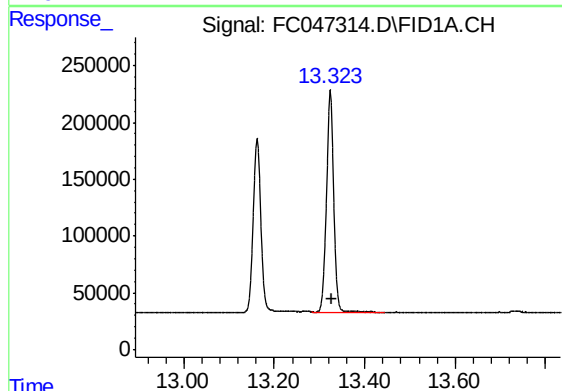
#9 ortho-Terphenyl (SURR)

R.T.: 11.749 min
Delta R.T.: -0.003 min
Response: 2274433
Conc: 20.44 ug/ml



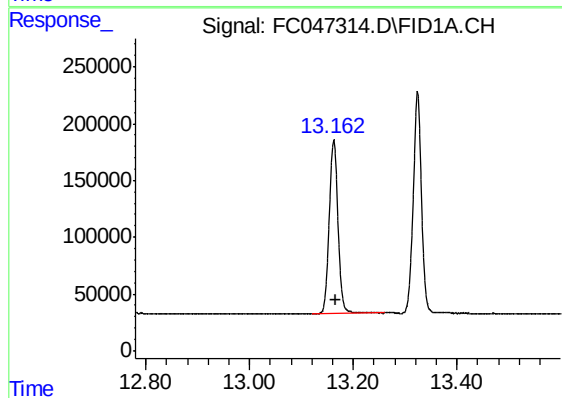
#10 n-Eicosane (C20)

R.T.: 12.715 min
Delta R.T.: -0.005 min
Response: 2137919
Conc: 20.37 ug/ml



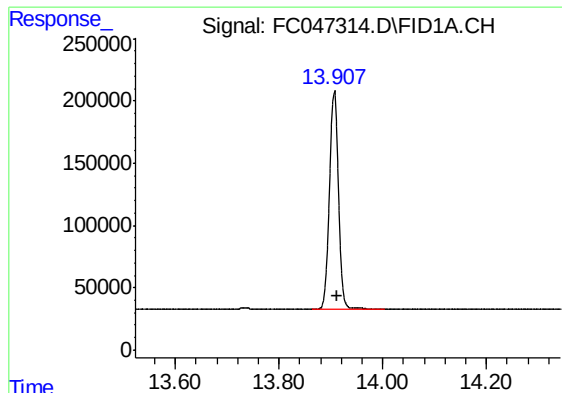
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: -0.005 min
Response: 2140868
Conc: 20.13 ug/ml



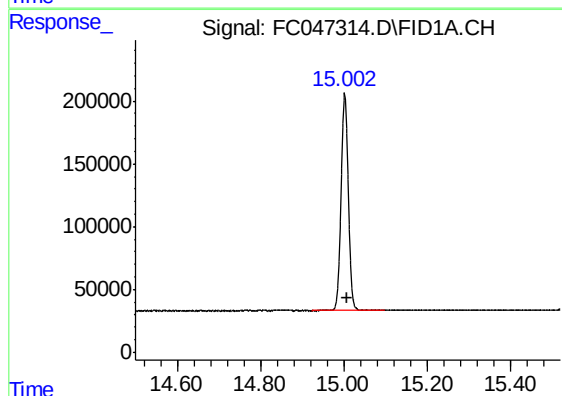
#12 1-chlorooctadecane (SURR)

R.T.: 13.162 min
Delta R.T.: -0.004 min
Response: 1795543
Conc: 20.11 ug/ml



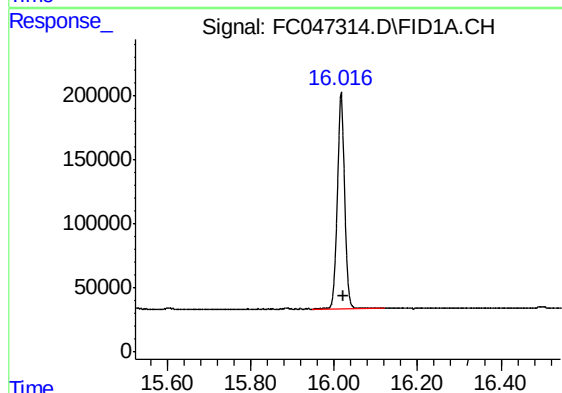
#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: -0.005 min
Response: 2109529
Conc: 19.82 ug/ml



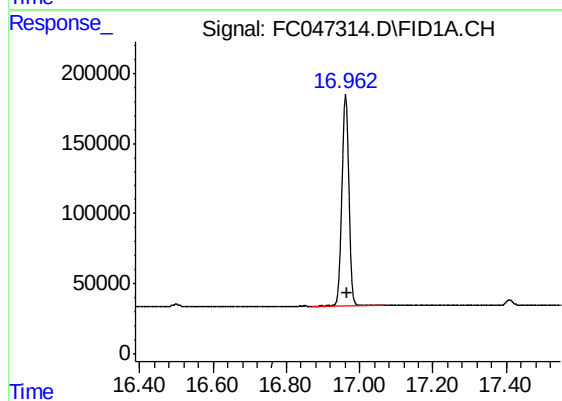
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.005 min
Response: 2086851
Conc: 19.40 ug/ml



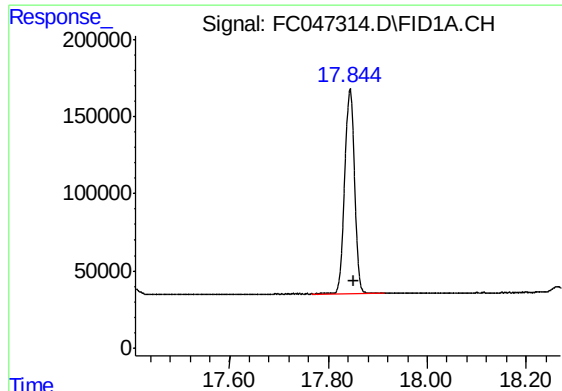
#15 n-Hexacosane (C26)

R.T.: 16.017 min
Delta R.T.: -0.006 min
Response: 2036080
Conc: 18.87 ug/ml



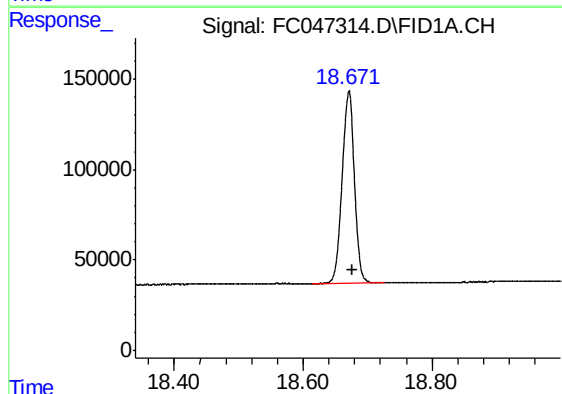
#16 n-Octacosane (C28)

R.T.: 16.961 min
Delta R.T.: -0.005 min
Response: 1977908
Conc: 18.50 ug/ml



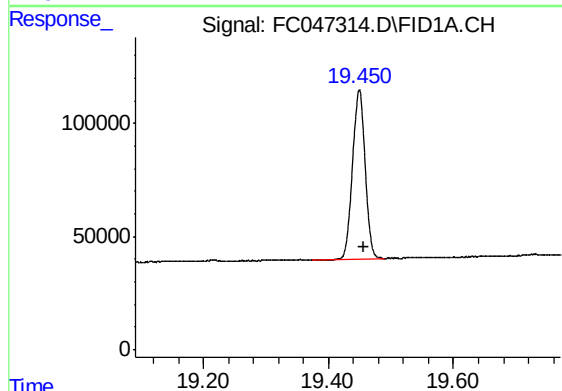
#17 n-Tricontane (C30)

R.T.: 17.843 min
Delta R.T.: -0.007 min
Response: 1837459
Conc: 18.36 ug/ml



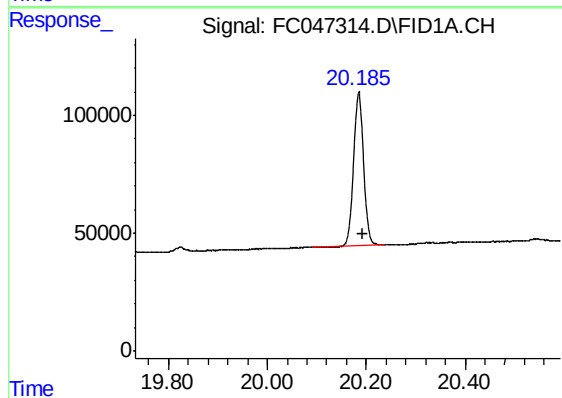
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.006 min
Response: 1407157
Conc: 18.47 ug/ml



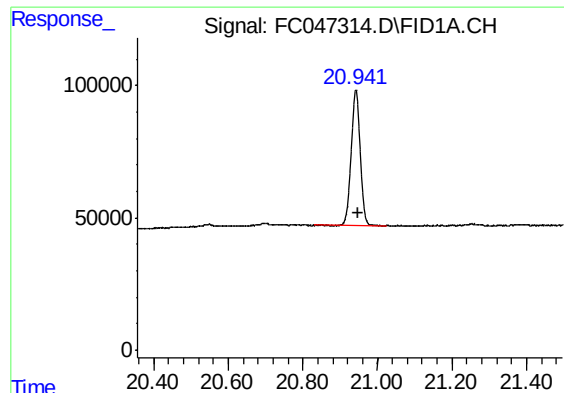
#19 n-Tetatriacontane (C34)

R.T.: 19.449 min
Delta R.T.: -0.007 min
Response: 1040683
Conc: 18.52 ug/ml



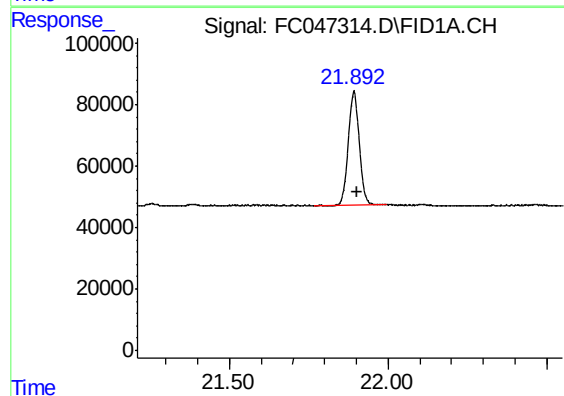
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: -0.007 min
Response: 908369
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: -0.007 min
Response: 858579
Conc: 18.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.010 min
Response: 890396
Conc: 18.98 ug/ml