

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051820AL\
 Data File : FC047499.D
 Signal(s) : FID1A.CH
 Acq On : 18 May 2020 20:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 02:15:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.742	2258989	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.157	1811419	18.468 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T n-Nonane (C9)	3.548	2126190	20.973 ug/ml
2) T n-Decane (C10)	4.612	2145589	20.996 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2149204	20.640 ug/ml
4) T n-Dodecane (C12)	6.613	2188608	20.721 ug/ml
5) T A~2-methylnaphthalene...	7.258	2153826	20.510 ug/ml
6) T n-Tetradecane (C14)	8.392	2157463	20.397 ug/ml
7) T n-Hexadecane (C16)	9.980	2108261	19.925 ug/ml
8) T n-Octadecane (C18)	11.411	2169627	19.376 ug/ml
10) T n-Eicosane (C20)	12.711	2145064	18.852 ug/ml
11) T n-Heneicosane (C21)	13.318	2117721	18.627 ug/ml
13) T n-Docosane (C22)	13.902	2083002	18.330 ug/ml
14) T n-Tetracosane (C24)	14.996	2026228	17.908 ug/ml
15) T n-Hexacosane (C26)	16.013	1958825	17.489 ug/ml
16) T n-Octacosane (C28)	16.956	1927160	17.278 ug/ml
17) T n-Tricontane (C30)	17.838	1879705	17.385 ug/ml
18) T n-Dotriacontane (C32)	18.665	1745019	17.695 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1661933	18.119 ug/ml
20) T n-Hexatriacontane (C36)	20.180	1561842	18.009 ug/ml
21) T n-Octatriacontane (C38)	20.935	1576804	19.542 ug/ml
22) T n-Tetracontane (C40)	21.883	1584083	19.479 ug/ml

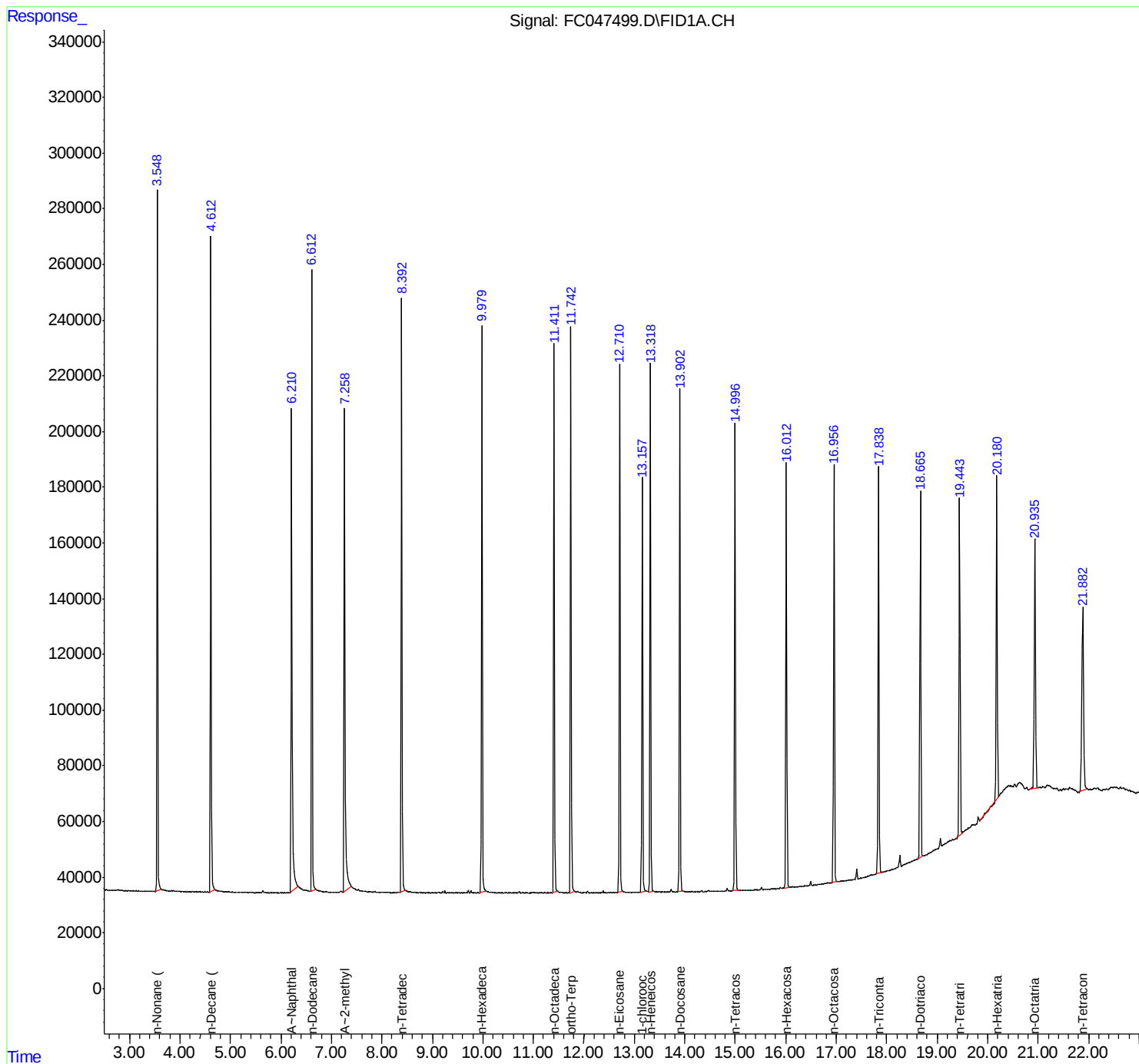
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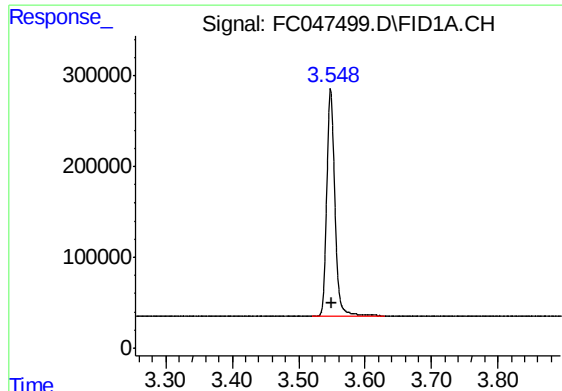
(m)=manual int.

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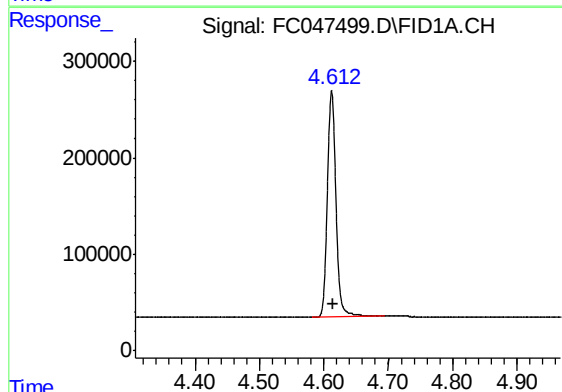
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





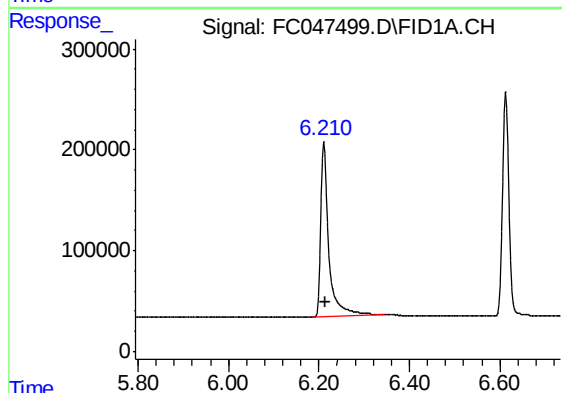
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 2126190
Conc: 20.97 ug/ml



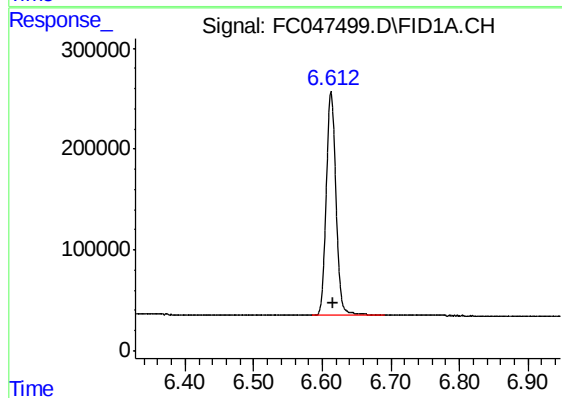
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 2145589
Conc: 21.00 ug/ml



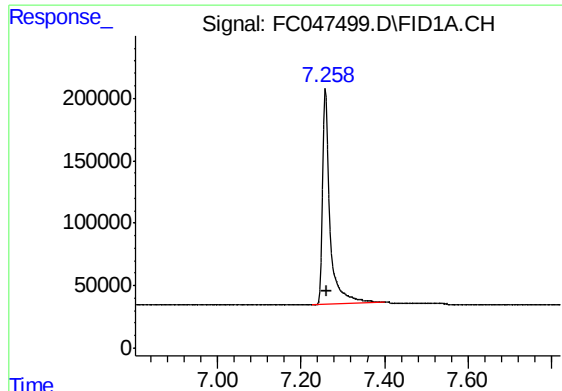
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.004 min
Response: 2149204
Conc: 20.64 ug/ml



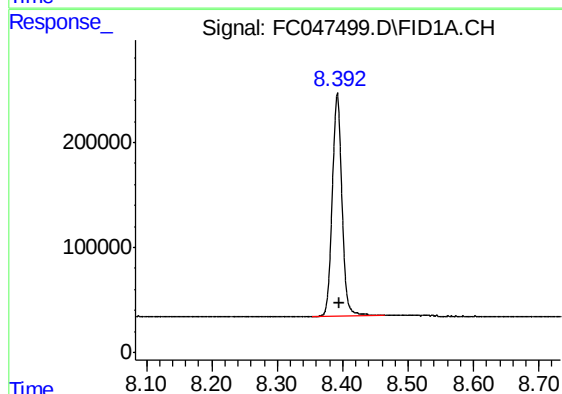
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 2188608
Conc: 20.72 ug/ml



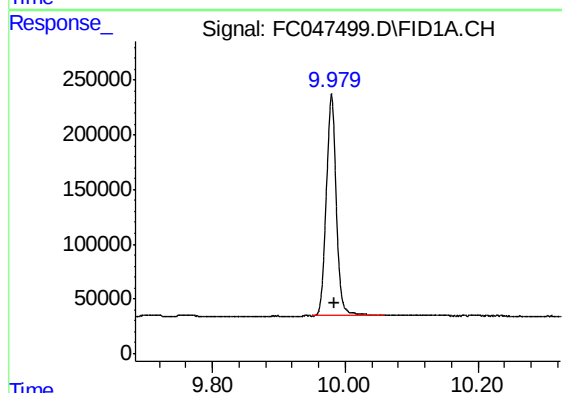
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: -0.004 min
Response: 2153826
Conc: 20.51 ug/ml



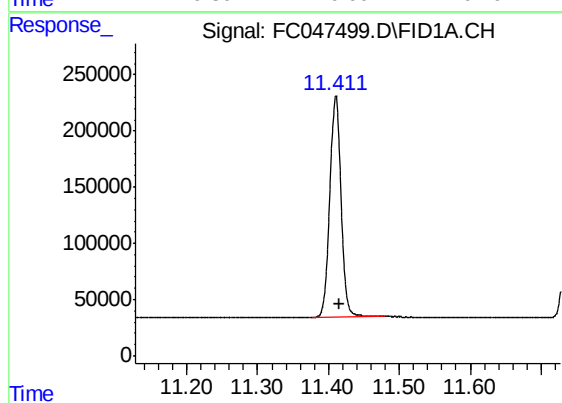
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.003 min
Response: 2157463
Conc: 20.40 ug/ml



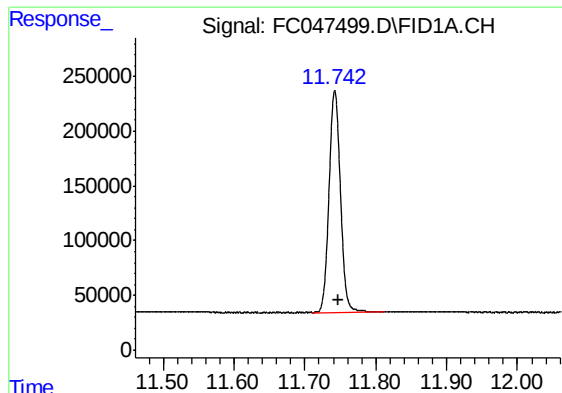
#7 n-Hexadecane (C16)

R.T.: 9.980 min
Delta R.T.: -0.004 min
Response: 2108261
Conc: 19.93 ug/ml



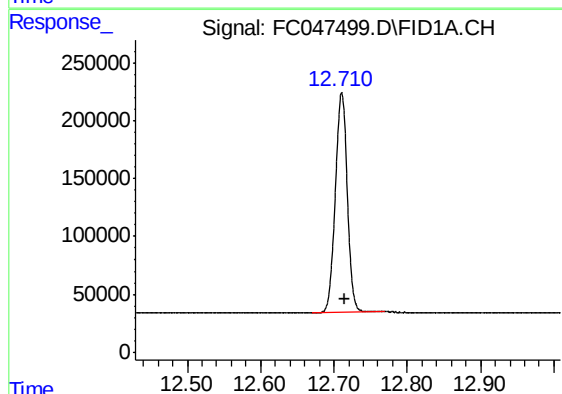
#8 n-Octadecane (C18)

R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2169627
Conc: 19.38 ug/ml



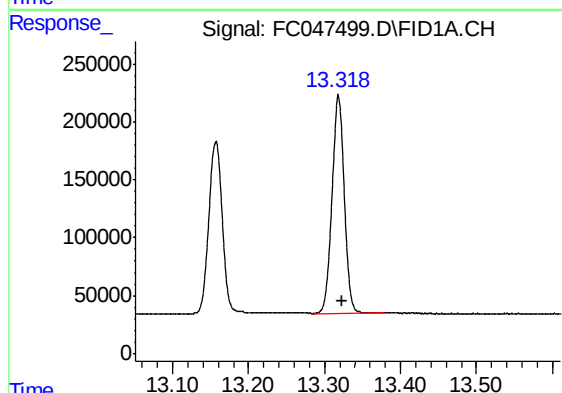
#9 ortho-Terphenyl (SURR)

R.T.: 11.742 min
Delta R.T.: -0.005 min
Response: 2258989
Conc: 18.90 ug/ml



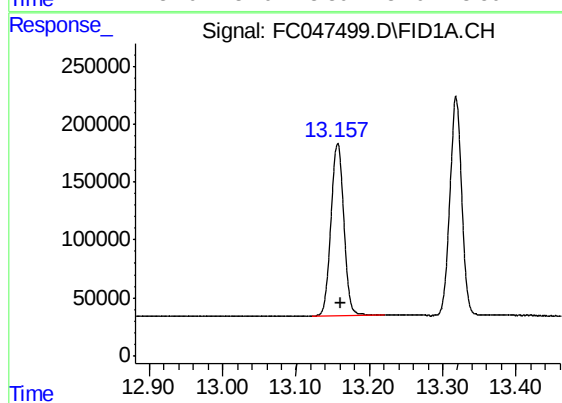
#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: -0.004 min
Response: 2145064
Conc: 18.85 ug/ml



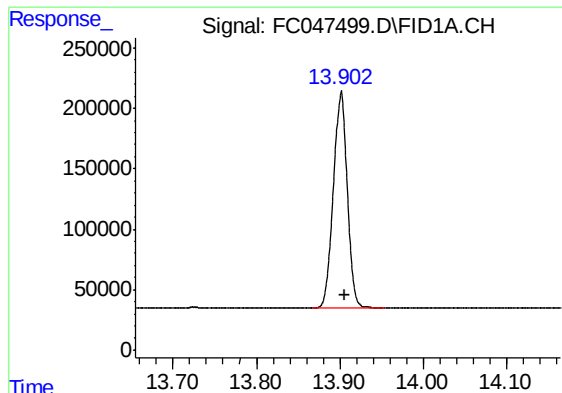
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 2117721
Conc: 18.63 ug/ml



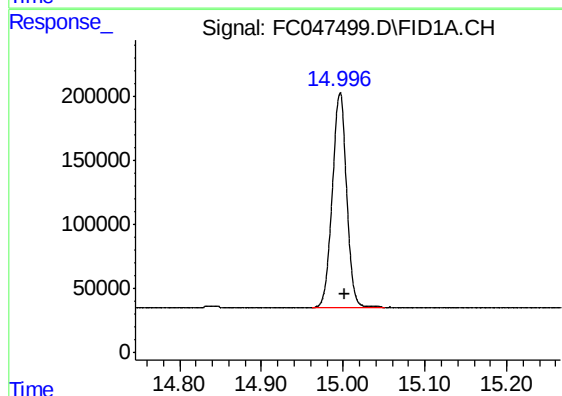
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 1811419
Conc: 18.47 ug/ml



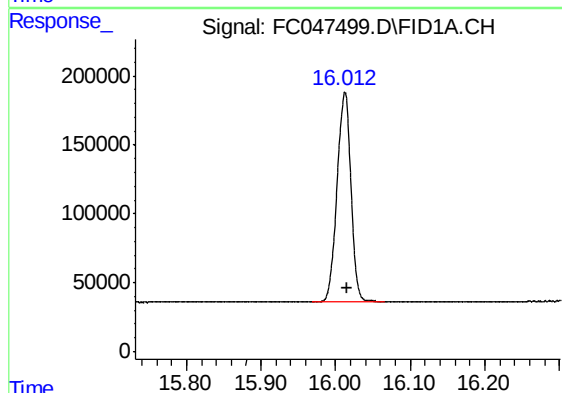
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: -0.004 min
Response: 2083002
Conc: 18.33 ug/ml



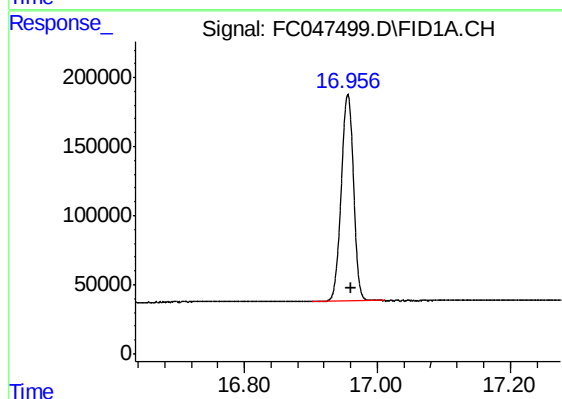
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.006 min
Response: 2026228
Conc: 17.91 ug/ml



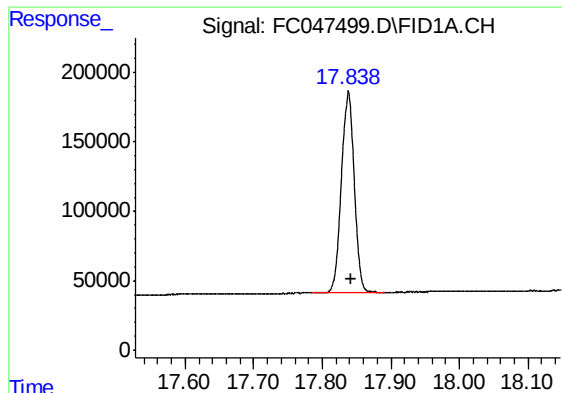
#15 n-Hexacosane (C26)

R.T.: 16.013 min
Delta R.T.: -0.003 min
Response: 1958825
Conc: 17.49 ug/ml



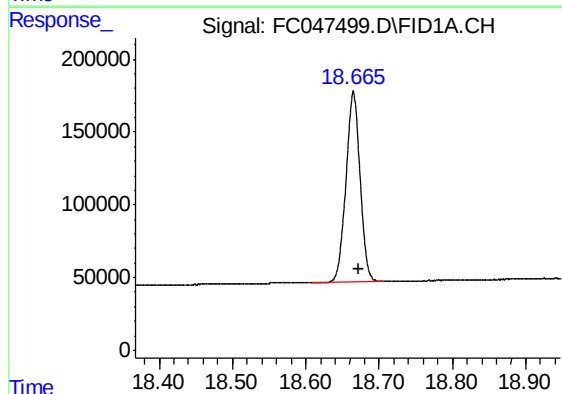
#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: -0.005 min
Response: 1927160
Conc: 17.28 ug/ml



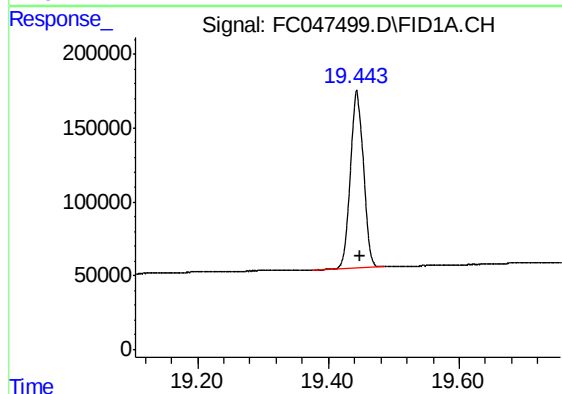
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: -0.004 min
Response: 1879705
Conc: 17.39 ug/ml



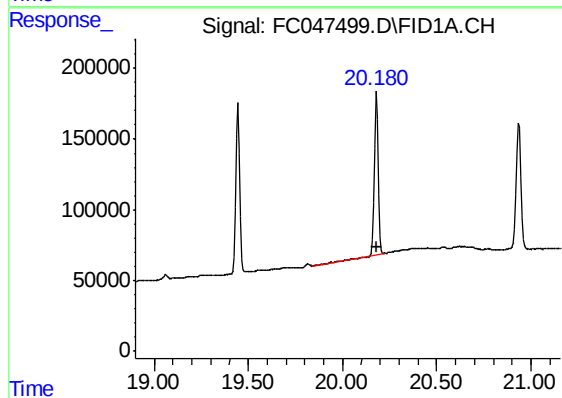
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.007 min
Response: 1745019
Conc: 17.70 ug/ml



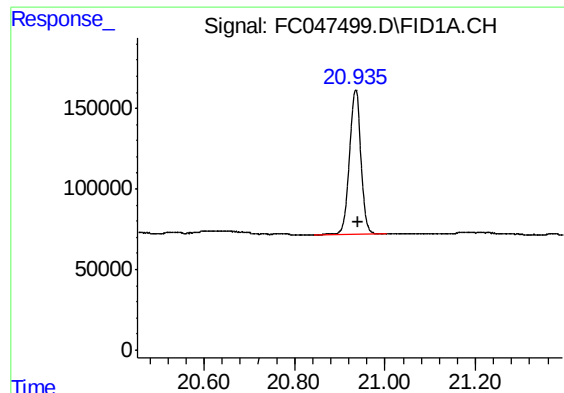
#19 n-Tetatriacontane (C34)

R.T.: 19.443 min
Delta R.T.: -0.005 min
Response: 1661933
Conc: 18.12 ug/ml



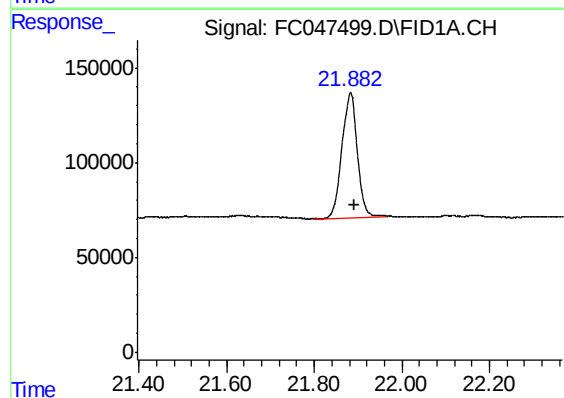
#20 n-Hexatriacontane (C36)

R.T.: 20.180 min
Delta R.T.: -0.004 min
Response: 1561842
Conc: 18.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: -0.004 min
Response: 1576804
Conc: 19.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.883 min
Delta R.T.: -0.009 min
Response: 1584083
Conc: 19.48 ug/ml