

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091520AL\
 Data File : FC049586.D
 Signal(s) : FID1A.CH
 Acq On : 16 Sep 2020 1:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 16 02:51:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.671	2179769	18.972 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.103	2280673	25.605 ug/ml
Spiked Amount 50.000		Recovery =	51.21%
Target Compounds			
1) T n-Nonane (C9)	3.404	2168793	20.964 ug/ml
2) T n-Decane (C10)	4.478	2198126	21.163 ug/ml
3) T A-Naphthalene (C11.7)	6.077	2386463	20.756 ug/ml
4) T n-Dodecane (C12)	6.503	2206930	20.878 ug/ml
5) T A~2-methylnaphthalene...	7.137	2396031	20.493 ug/ml
6) T n-Tetradecane (C14)	8.301	2153418	20.412 ug/ml
7) T n-Hexadecane (C16)	9.904	2062665	19.820 ug/ml
8) T n-Octadecane (C18)	11.347	2088965	19.438 ug/ml
10) T n-Eicosane (C20)	12.657	2031709	18.974 ug/ml
11) T n-Heneicosane (C21)	13.270	2154046	20.241 ug/ml
13) T n-Docosane (C22)	13.855	1760061	16.632 ug/ml
14) T n-Tetracosane (C24)	14.958	2029222	19.392 ug/ml
15) T n-Hexacosane (C26)	15.979	2010673	19.669 ug/ml
16) T n-Octacosane (C28)	16.927	2040871	20.307 ug/ml
17) T n-Tricontane (C30)	17.814	2015606	20.702 ug/ml
18) T n-Dotriacontane (C32)	18.646	1903518	21.066 ug/ml
19) T n-Tetratriacontane (C34)	19.428	1833125	21.414 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1952844	24.239 ug/ml
21) T n-Octatriacontane (C38)	20.920	2115551	27.945 ug/ml
22) T n-Tetracontane (C40)	21.866	1807541	23.230 ug/ml

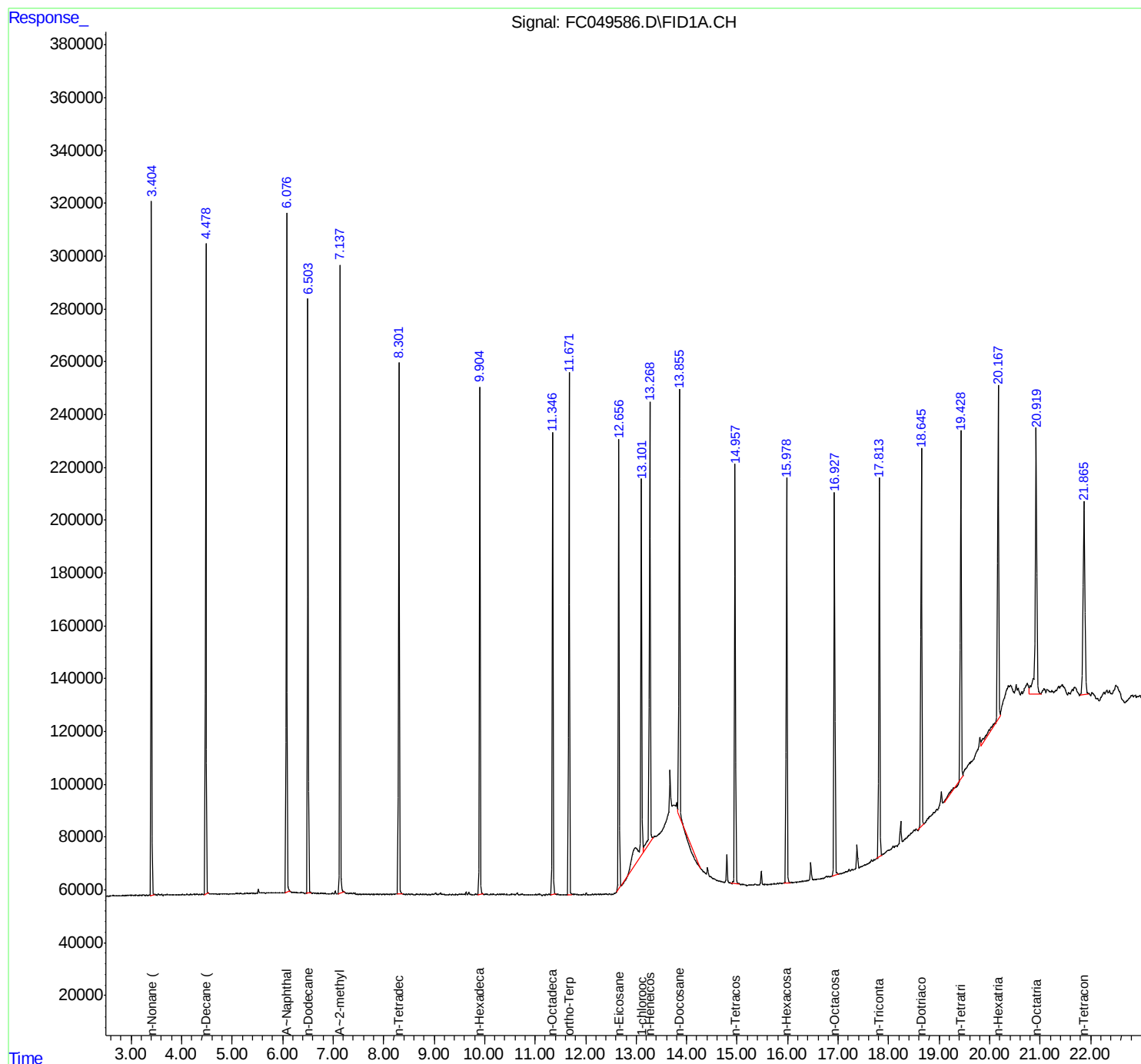
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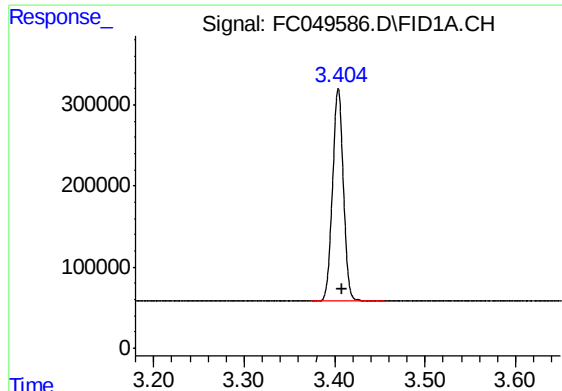
(m)=manual int.

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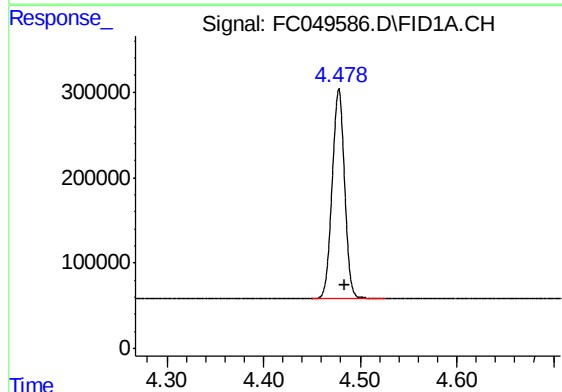
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Signal Info : 20M x 0.18mm x 0.18um





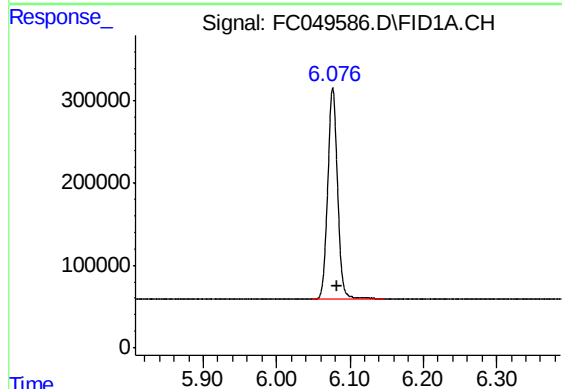
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.005 min
Response: 2168793
Conc: 20.96 ug/ml



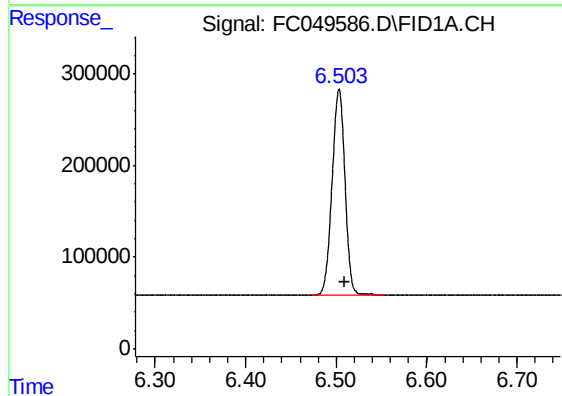
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 2198126
Conc: 21.16 ug/ml



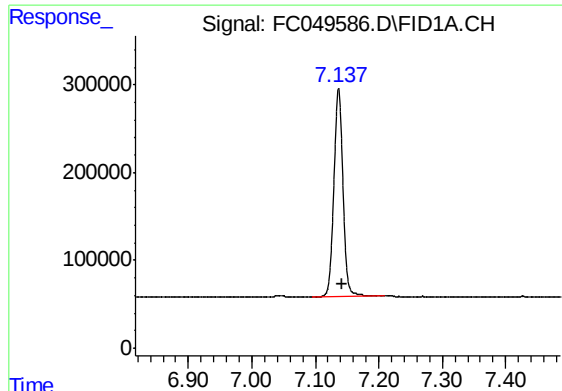
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 2386463
Conc: 20.76 ug/ml



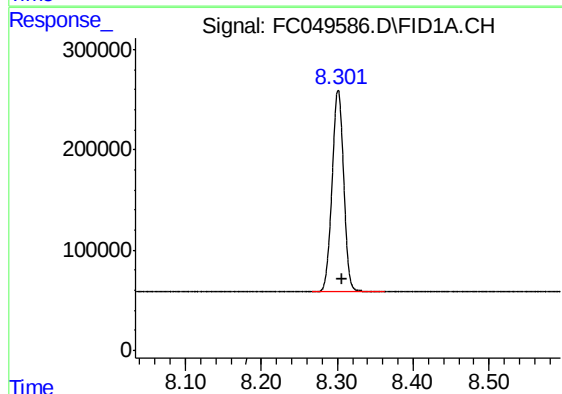
#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 2206930
Conc: 20.88 ug/ml



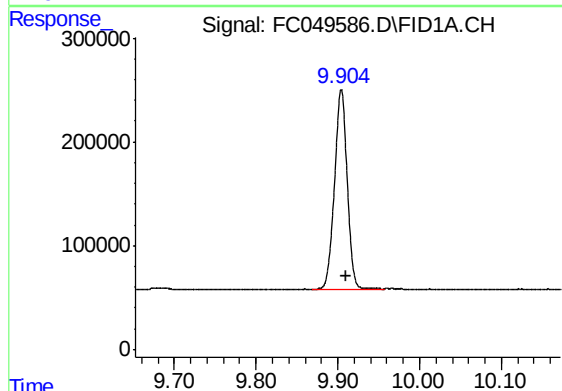
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.006 min
Response: 2396031
Conc: 20.49 ug/ml



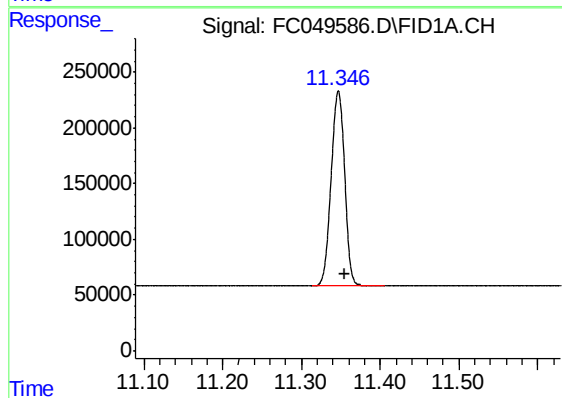
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.006 min
Response: 2153418
Conc: 20.41 ug/ml



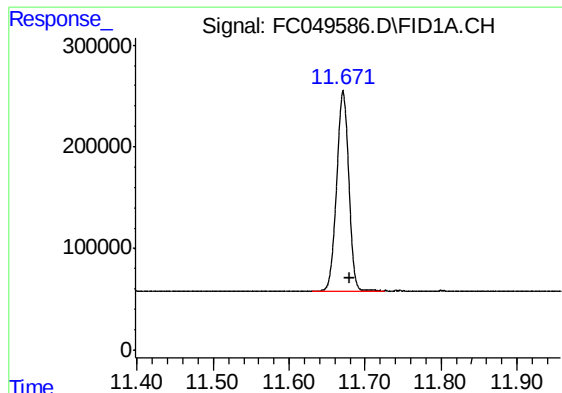
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.006 min
Response: 2062665
Conc: 19.82 ug/ml



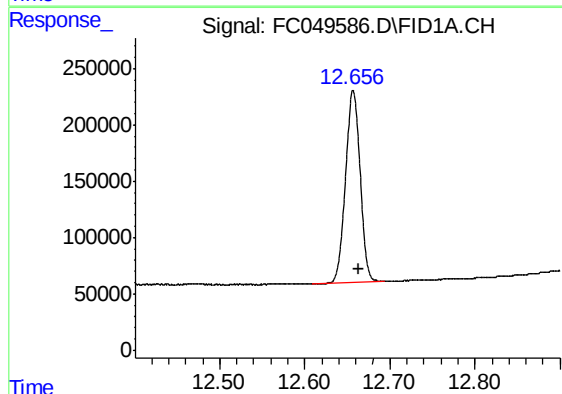
#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: -0.007 min
Response: 2088965
Conc: 19.44 ug/ml



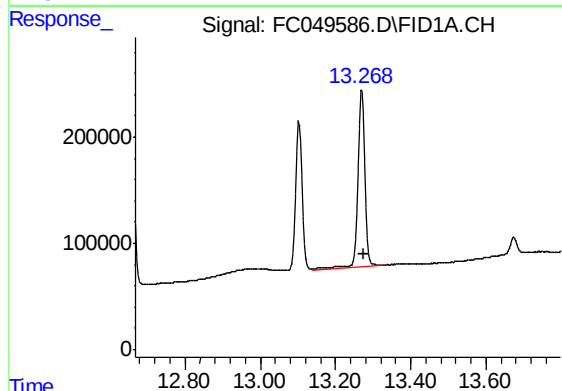
#9 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: -0.008 min
Response: 2179769
Conc: 18.97 ug/ml



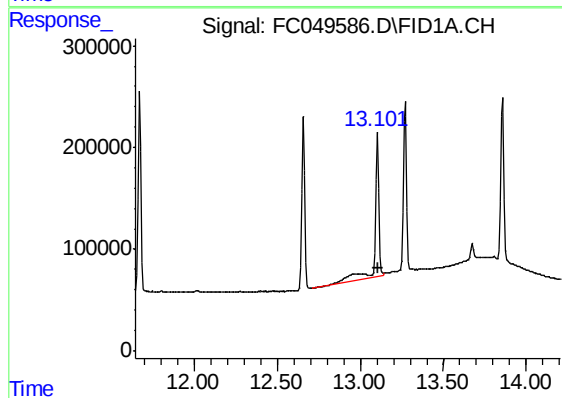
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.007 min
Response: 2031709
Conc: 18.97 ug/ml



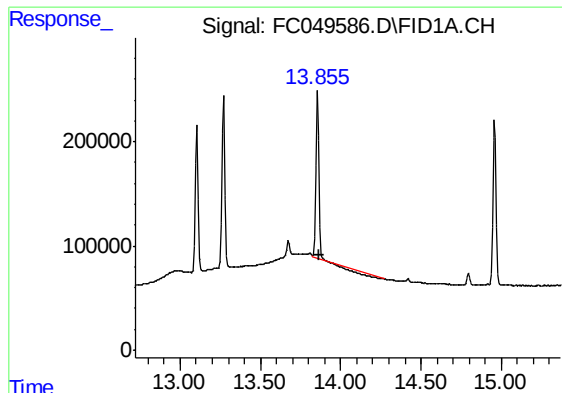
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: -0.007 min
Response: 2154046
Conc: 20.24 ug/ml



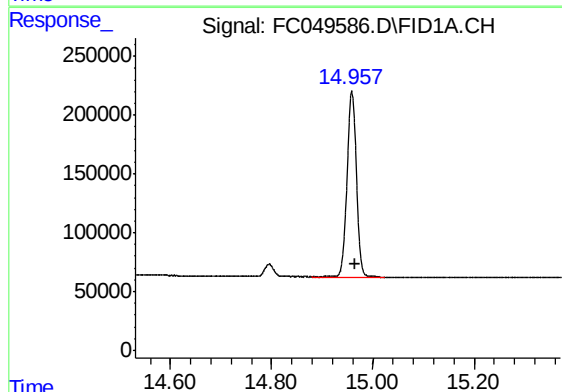
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: -0.007 min
Response: 2280673
Conc: 25.60 ug/ml



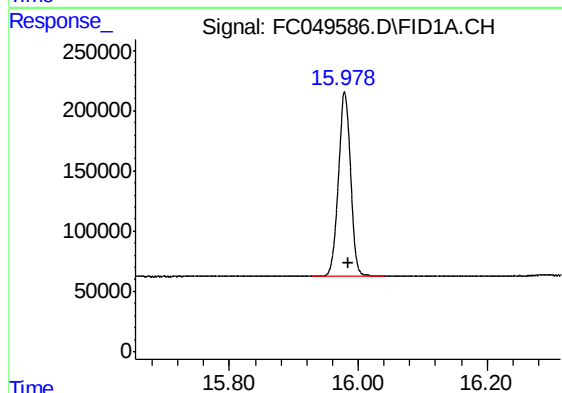
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: -0.007 min
Response: 1760061
Conc: 16.63 ug/ml



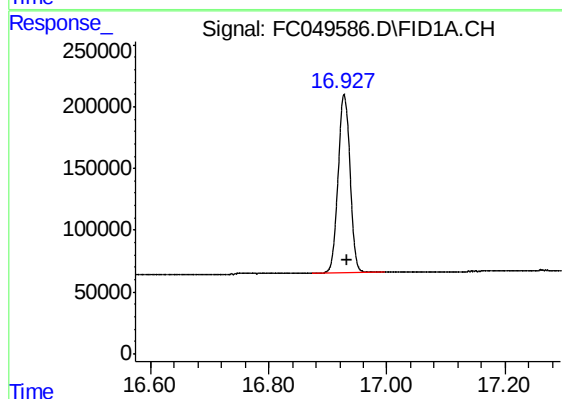
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.006 min
Response: 2029222
Conc: 19.39 ug/ml



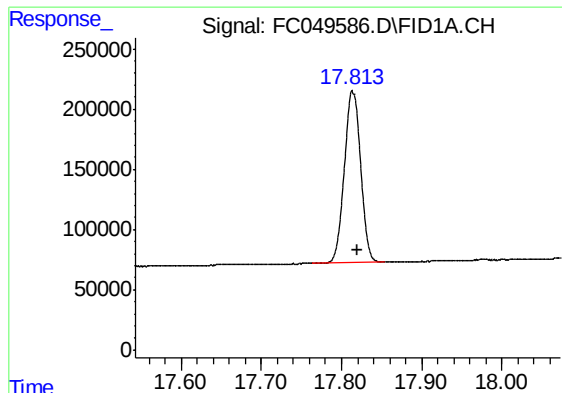
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.007 min
Response: 2010673
Conc: 19.67 ug/ml



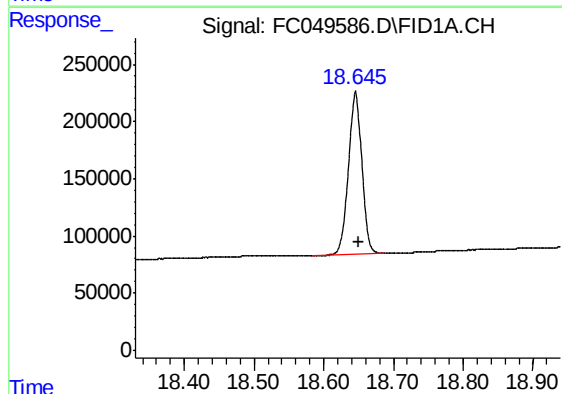
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: -0.006 min
Response: 2040871
Conc: 20.31 ug/ml



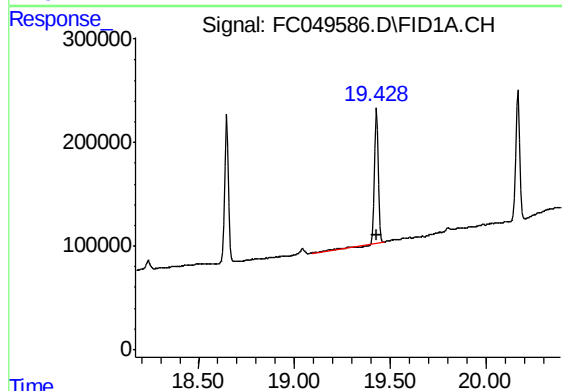
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: -0.006 min
Response: 2015606
Conc: 20.70 ug/ml



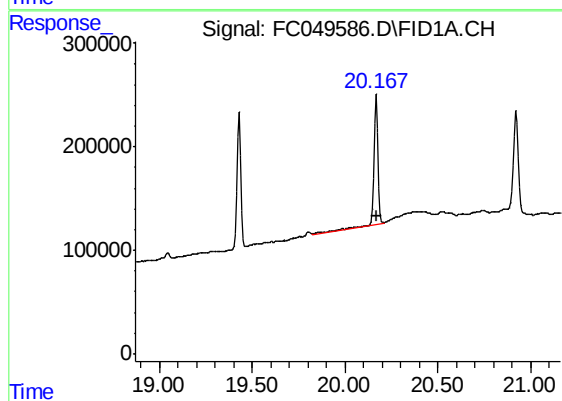
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.004 min
Response: 1903518
Conc: 21.07 ug/ml



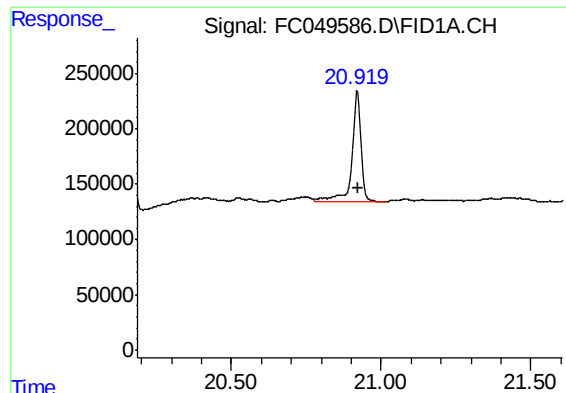
#19 n-Tetatriacontane (C34)

R.T.: 19.428 min
Delta R.T.: -0.004 min
Response: 1833125
Conc: 21.41 ug/ml



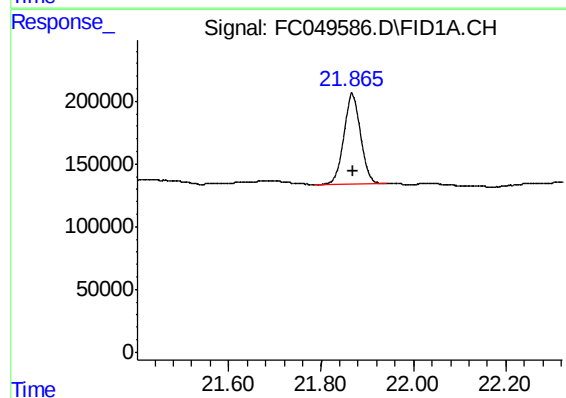
#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: -0.004 min
Response: 1952844
Conc: 24.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: -0.003 min
Response: 2115551
Conc: 27.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.002 min
Response: 1807541
Conc: 23.23 ug/ml