

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111519AL\
 Data File : FC044581.D
 Signal(s) : FID1A.CH
 Acq On : 15 Nov 2019 23:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 00:18:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.723	2442699	16.758 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
12) S 1-chlorooctadecane (S...	13.150	1828828	16.356 ug/ml
Spiked Amount 50.000		Recovery =	32.71%
Target Compounds			
1) T n-Nonane (C9)	3.456	2370391	21.518 ug/ml
2) T n-Decane (C10)	4.532	2381328	21.440 ug/ml
3) T A~Naphthalene (C11.7)	6.134	2627685	21.119 ug/ml
4) T n-Dodecane (C12)	6.556	2398256	21.325 ug/ml
5) T A~2-methylnaphthalene...	7.192	2625564	20.821 ug/ml
6) T n-Tetradecane (C14)	8.352	2372994	20.975 ug/ml
7) T n-Hexadecane (C16)	9.952	2342629	20.502 ug/ml
8) T n-Octadecane (C18)	11.395	2280772	19.921 ug/ml
10) T n-Eicosane (C20)	12.704	2203031	19.317 ug/ml
11) T n-Heneicosane (C21)	13.316	2172466	18.940 ug/ml
13) T n-Docosane (C22)	13.902	2120079	18.670 ug/ml
14) T n-Tetracosane (C24)	15.005	2065099	18.262 ug/ml
15) T n-Hexacosane (C26)	16.026	1988378	17.972 ug/ml
16) T n-Octacosane (C28)	16.976	1954327	18.041 ug/ml
17) T n-Tricontane (C30)	17.863	1964274	18.560 ug/ml
18) T n-Dotriacontane (C32)	18.696	1961036	19.472 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1949519	20.791 ug/mlm
20) T n-Hexatriacontane (C36)	20.218	1899458	21.881 ug/mlm
21) T n-Octatriacontane (C38)	20.987	1752952	21.738 ug/ml
22) T n-Tetracontane (C40)	21.951	2013553	23.821 ug/mlm

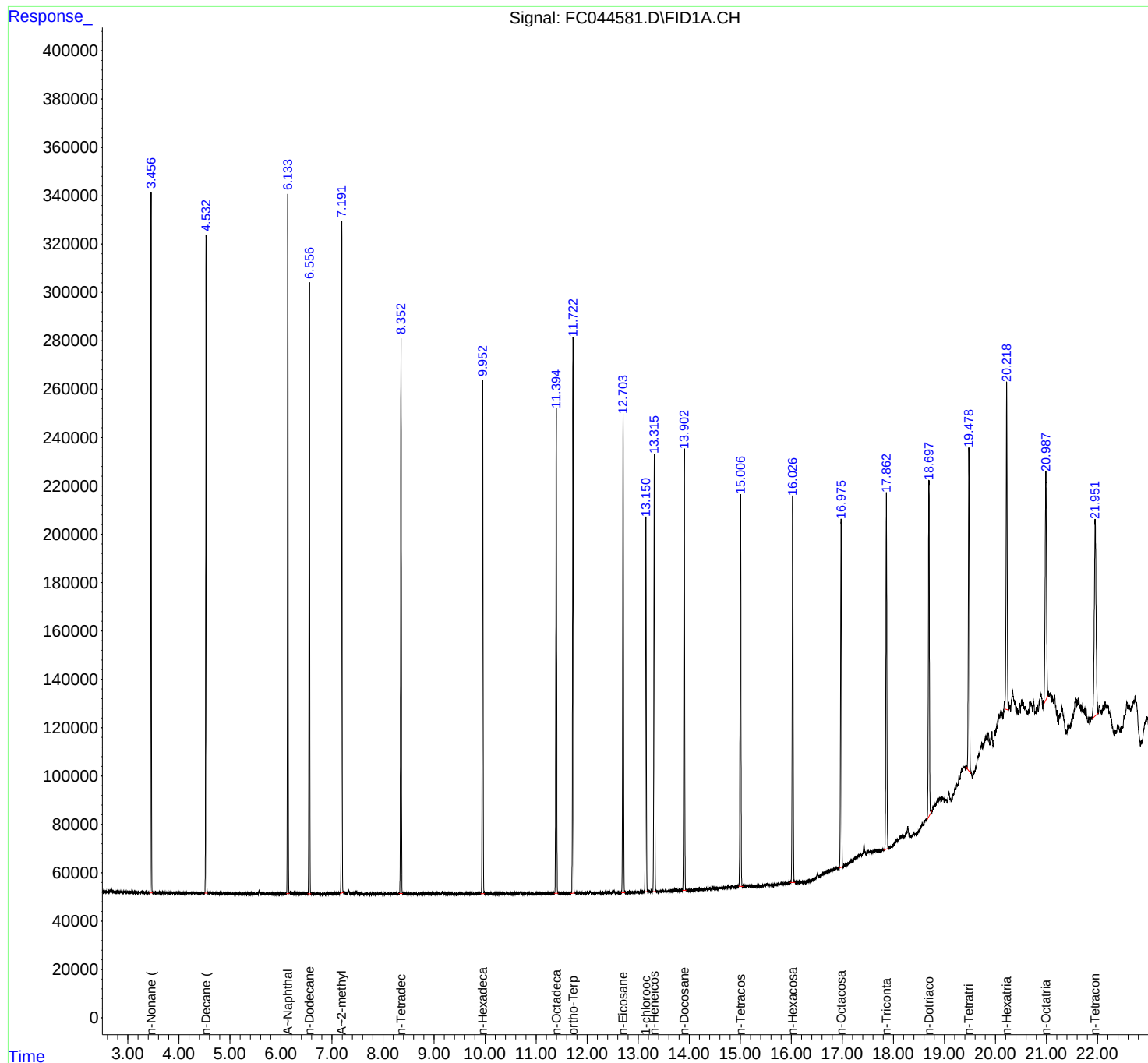
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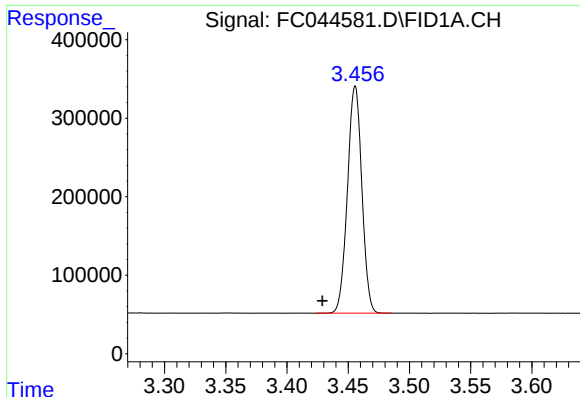
(m)=manual int.

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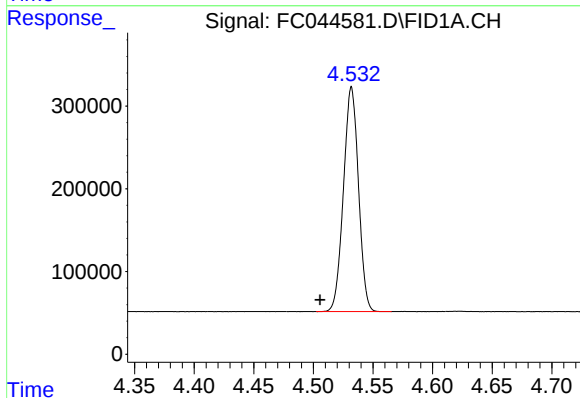
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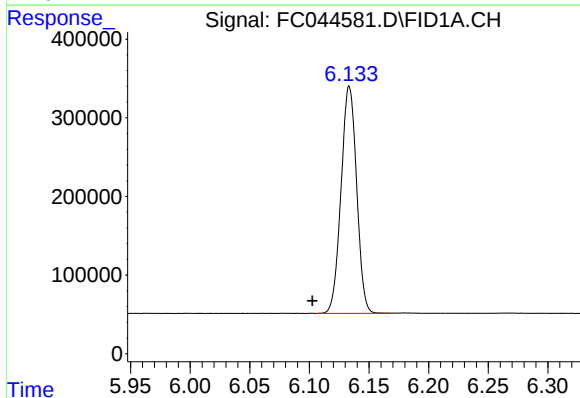
#1 n-Nonane (C9)

R.T.: 3.456 min
Delta R.T.: 0.027 min
Response: 2370391
Conc: 21.52 ug/ml



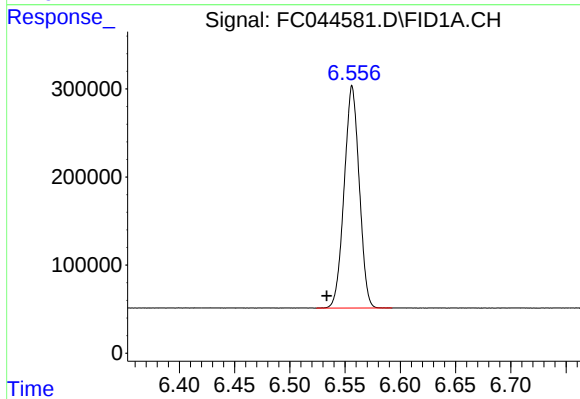
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: 0.026 min
Response: 2381328
Conc: 21.44 ug/ml



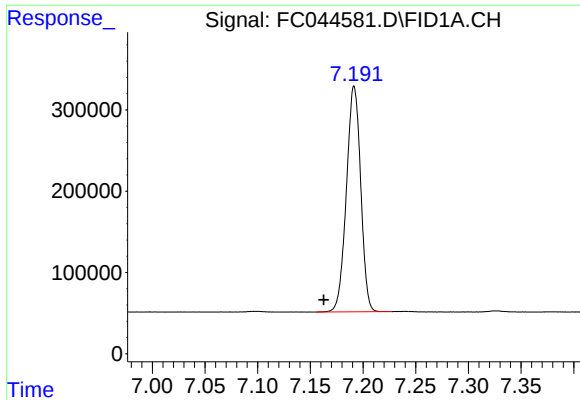
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: 0.031 min
Response: 2627685
Conc: 21.12 ug/ml



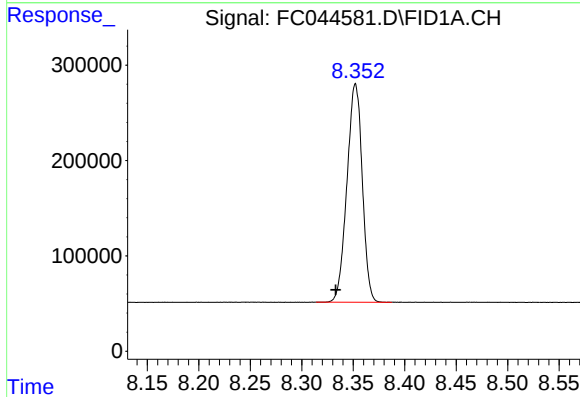
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: 0.023 min
Response: 2398256
Conc: 21.32 ug/ml



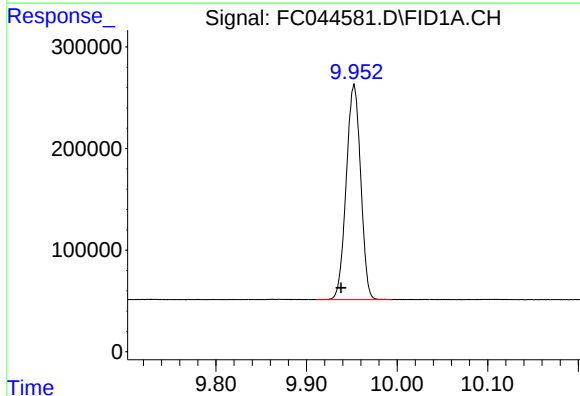
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.192 min
Delta R.T.: 0.029 min
Response: 2625564
Conc: 20.82 ug/ml



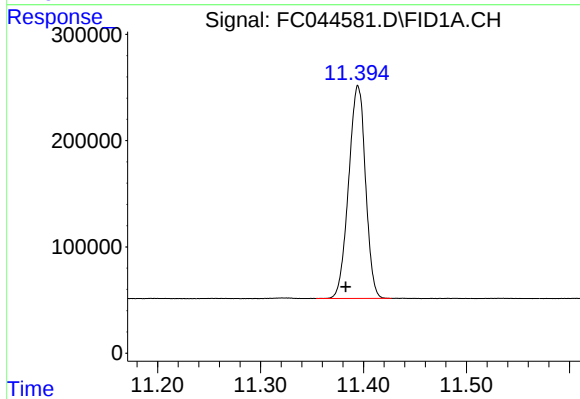
#6 n-Tetradecane (C14)

R.T.: 8.352 min
Delta R.T.: 0.019 min
Response: 2372994
Conc: 20.97 ug/ml



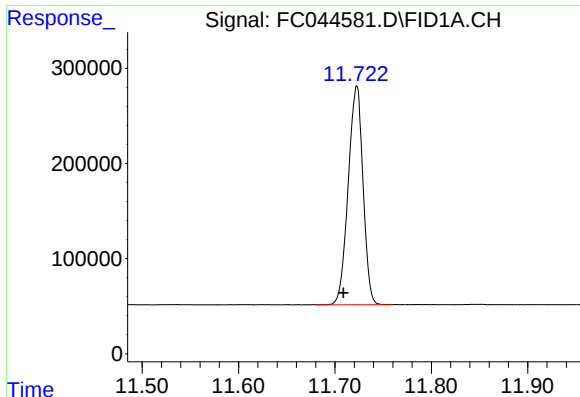
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.014 min
Response: 2342629
Conc: 20.50 ug/ml



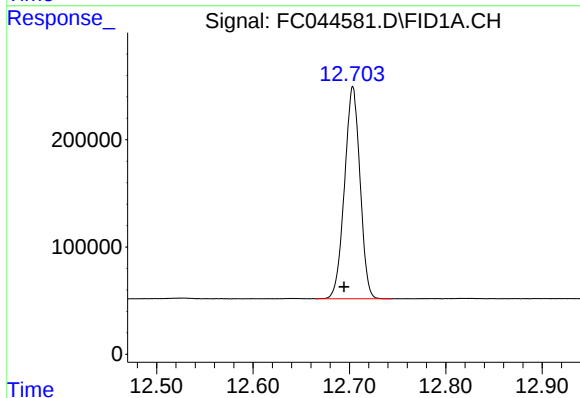
#8 n-Octadecane (C18)

R.T.: 11.395 min
Delta R.T.: 0.012 min
Response: 2280772
Conc: 19.92 ug/ml



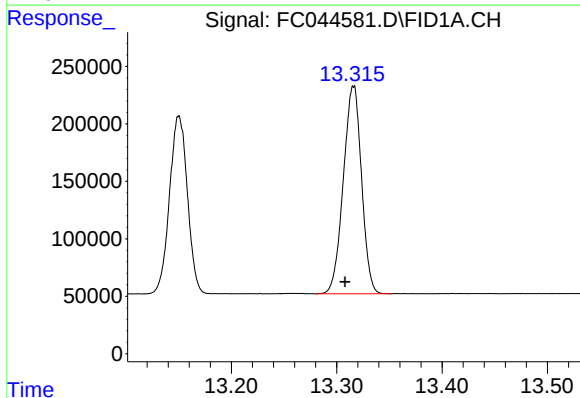
#9 ortho-Terphenyl (SURR)

R.T.: 11.723 min
Delta R.T.: 0.014 min
Response: 2442699
Conc: 16.76 ug/ml



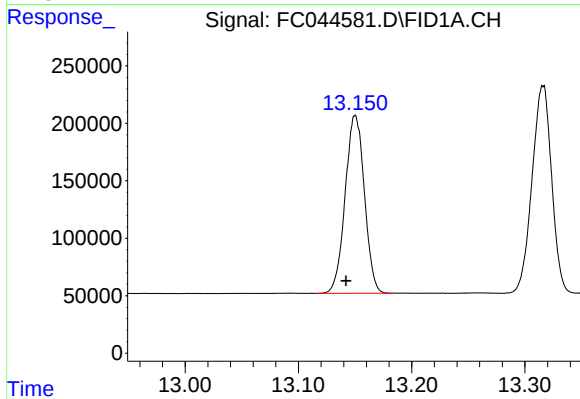
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: 0.009 min
Response: 2203031
Conc: 19.32 ug/ml



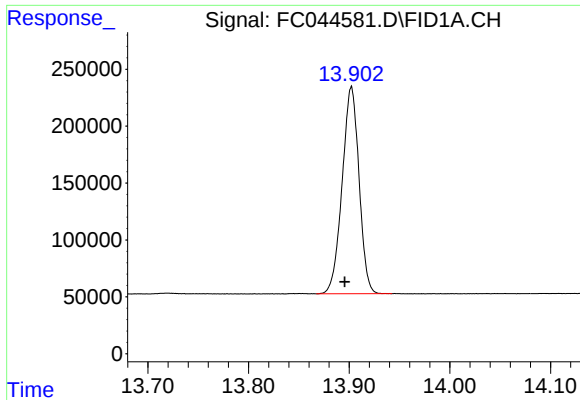
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.008 min
Response: 2172466
Conc: 18.94 ug/ml



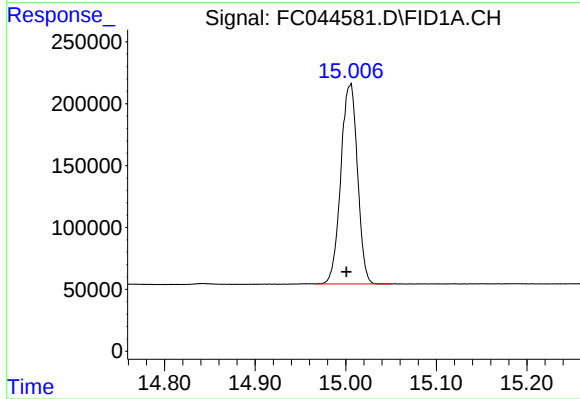
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1828828
Conc: 16.36 ug/ml



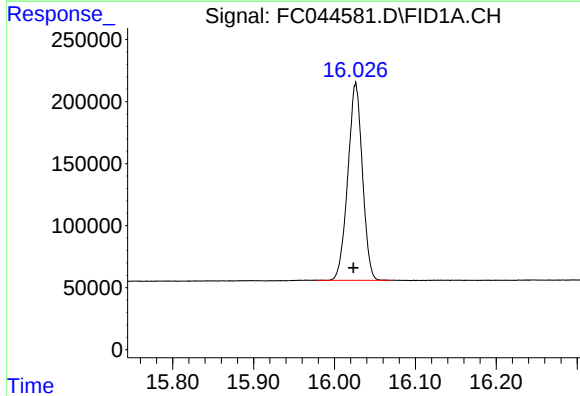
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.007 min
Response: 2120079
Conc: 18.67 ug/ml



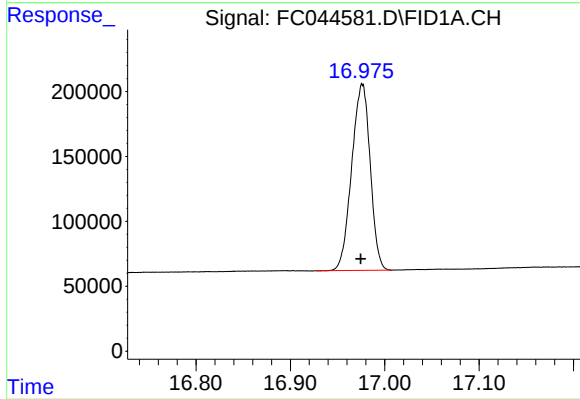
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 2065099
Conc: 18.26 ug/ml



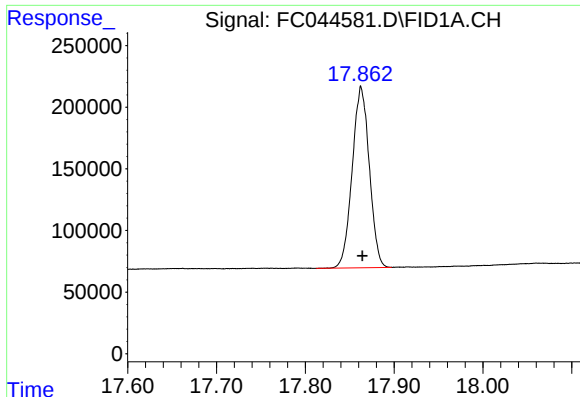
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 1988378
Conc: 17.97 ug/ml



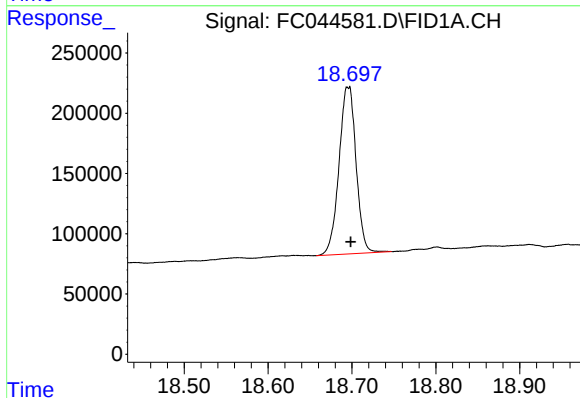
#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.002 min
Response: 1954327
Conc: 18.04 ug/ml



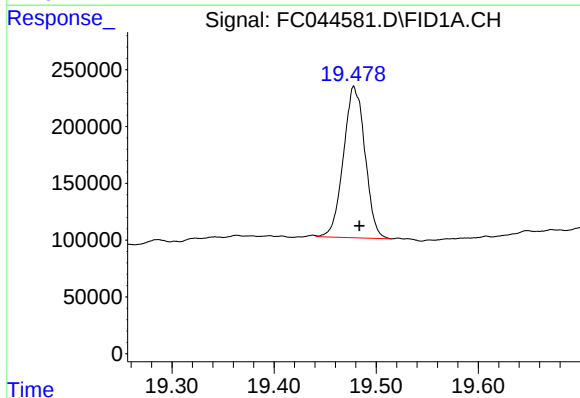
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.001 min
Response: 1964274
Conc: 18.56 ug/ml



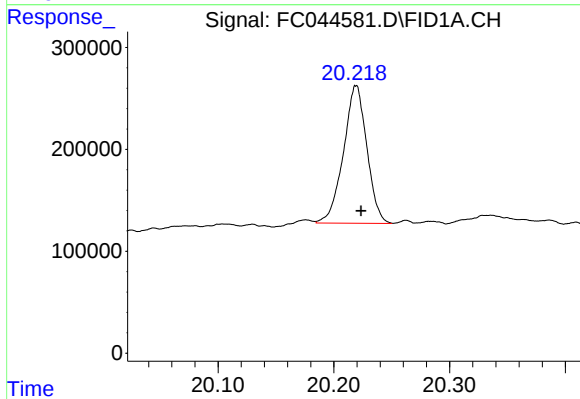
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: -0.003 min
Response: 1961036
Conc: 19.47 ug/ml



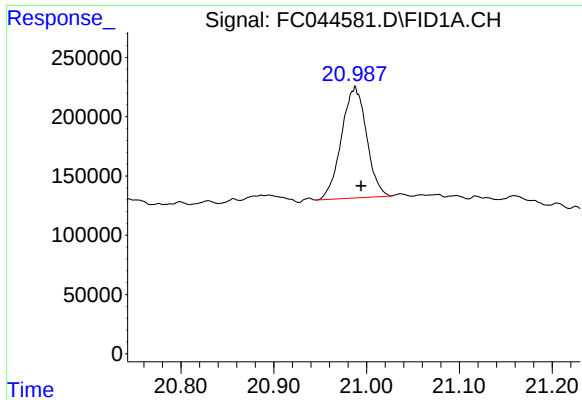
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.006 min
Response: 1949519
Conc: 20.79 ug/ml m



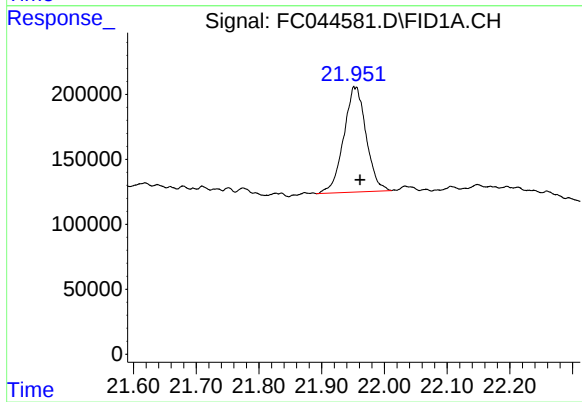
#20 n-Hexatriacontane (C36)

R.T.: 20.218 min
Delta R.T.: -0.006 min
Response: 1899458
Conc: 21.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.006 min
Response: 1752952
Conc: 21.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.010 min
Response: 2013553
Conc: 23.82 ug/ml m