

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080219AL\
 Data File : FC042687.D
 Signal(s) : FID1A.CH
 Acq On : 02 Aug 2019 8:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 11:32:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.683	2621355	19.805 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	13.105	2137660	19.499 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T n-Nonane (C9)	3.490	2506012	21.524 ug/ml
2) T n-Decane (C10)	4.552	2591692	21.967 ug/ml
3) T A~Naphthalene (C11.7)	6.137	2790219	21.494 ug/ml
4) T n-Dodecane (C12)	6.554	2607366	21.974 ug/ml
5) T A~2-methylnaphthalene...	7.186	2785489	21.437 ug/ml
6) T n-Tetradecane (C14)	8.336	2596179	21.821 ug/ml
7) T n-Hexadecane (C16)	9.926	2587627	21.551 ug/ml
8) T n-Octadecane (C18)	11.358	2554602	20.933 ug/ml
10) T n-Eicosane (C20)	12.660	2519720	20.204 ug/ml
11) T n-Heneicosane (C21)	13.269	2475103	19.773 ug/ml
13) T n-Docosane (C22)	13.852	2450844	19.540 ug/ml
14) T n-Tetracosane (C24)	14.950	2367799	18.692 ug/ml
15) T n-Hexacosane (C26)	15.967	2313958	18.300 ug/ml
16) T n-Octacosane (C28)	16.912	2296412	18.198 ug/ml
17) T n-Tricontane (C30)	17.796	2257714	18.417 ug/ml
18) T n-Dotriacontane (C32)	18.625	2107046	18.858 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1792290	19.353 ug/ml
20) T n-Hexatriacontane (C36)	20.143	1582222	19.853 ug/ml
21) T n-Octatriacontane (C38)	20.885	1495864	20.865 ug/ml
22) T n-Tetracontane (C40)	21.812	1487959	21.442 ug/ml

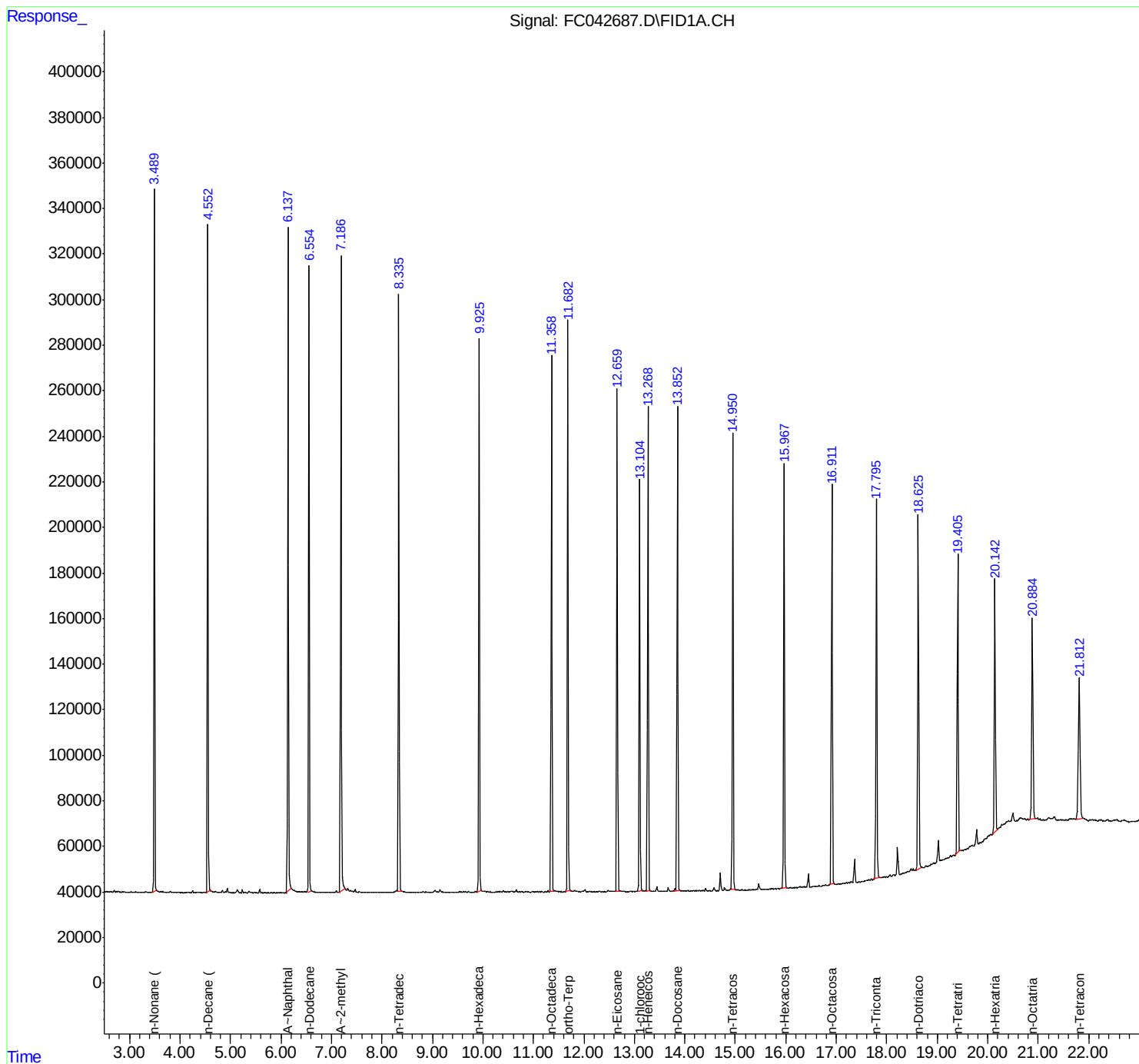
(f)=RT Delta > 1/2 Window

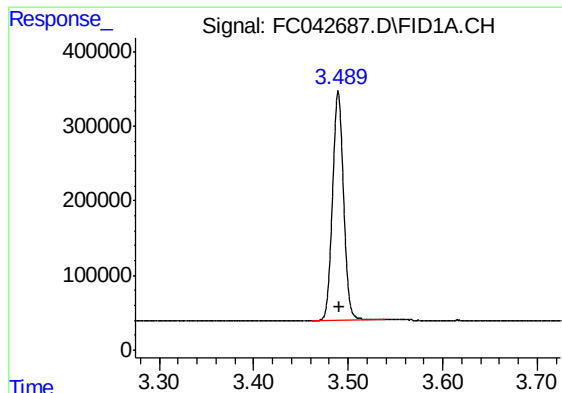
(m)=manual int.

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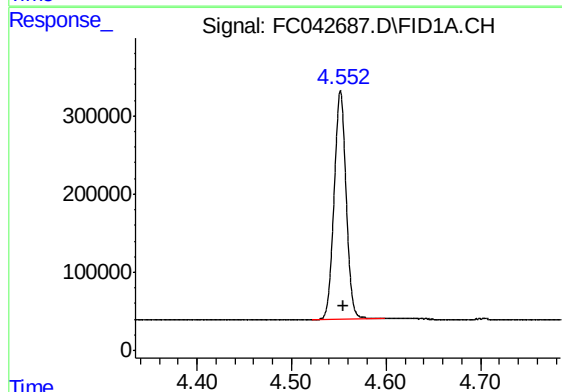
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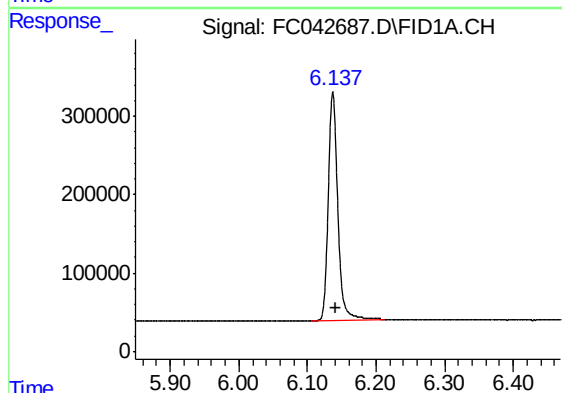
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: -0.001 min
Response: 2506012
Conc: 21.52 ug/ml



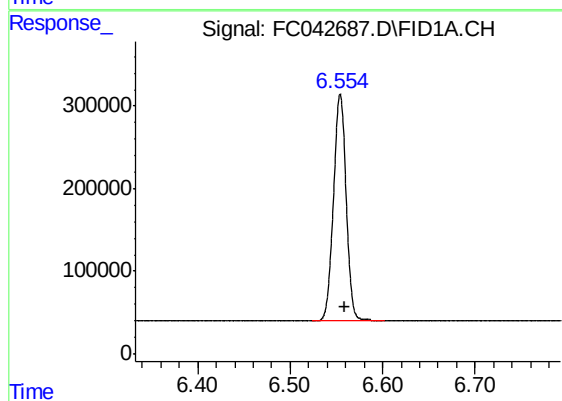
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 2591692
Conc: 21.97 ug/ml



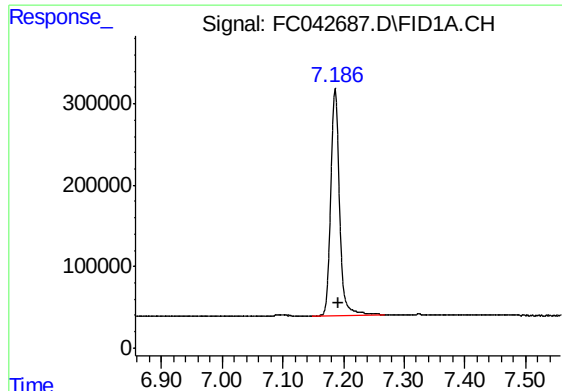
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 2790219
Conc: 21.49 ug/ml



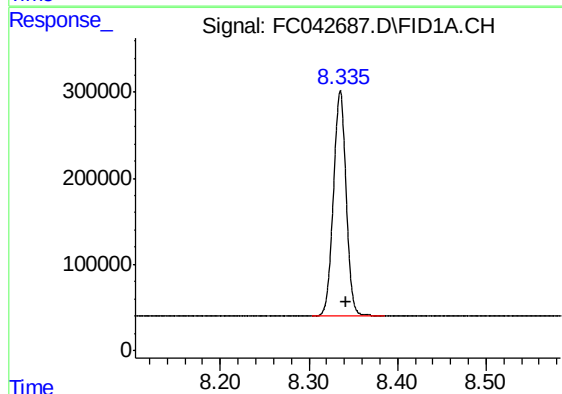
#4 n-Dodecane (C12)

R.T.: 6.554 min
Delta R.T.: -0.005 min
Response: 2607366
Conc: 21.97 ug/ml



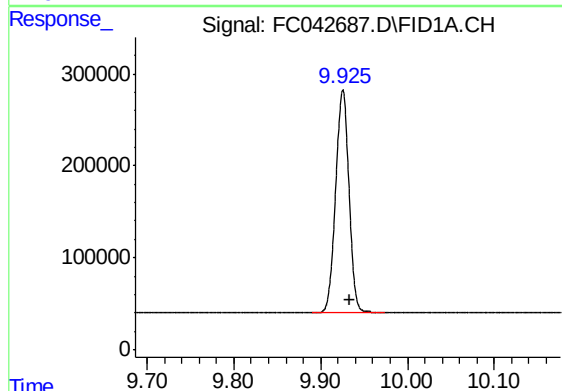
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.186 min
Delta R.T.: -0.004 min
Response: 2785489
Conc: 21.44 ug/ml



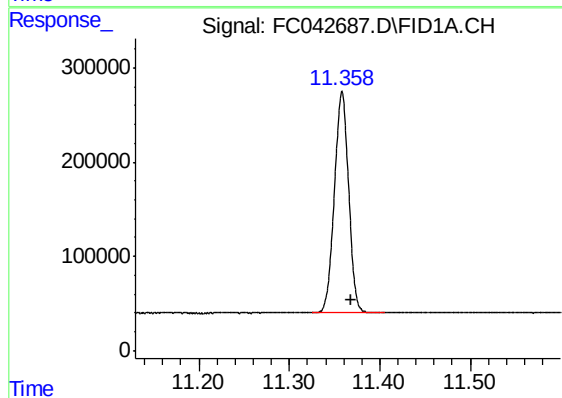
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: -0.006 min
Response: 2596179
Conc: 21.82 ug/ml



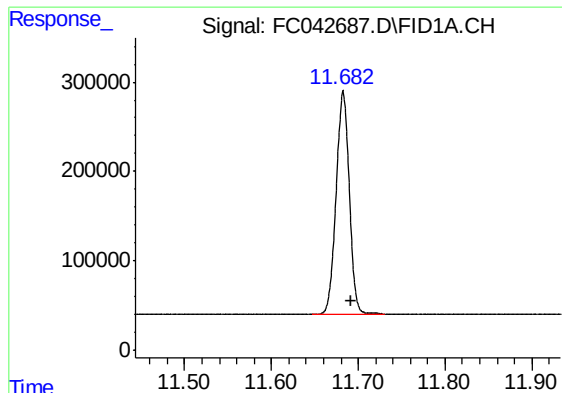
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: -0.008 min
Response: 2587627
Conc: 21.55 ug/ml



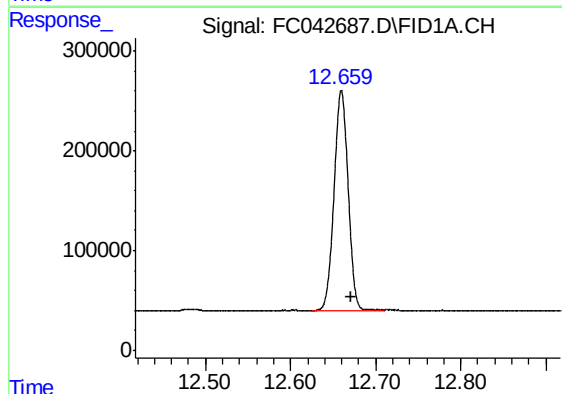
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: -0.010 min
Response: 2554602
Conc: 20.93 ug/ml



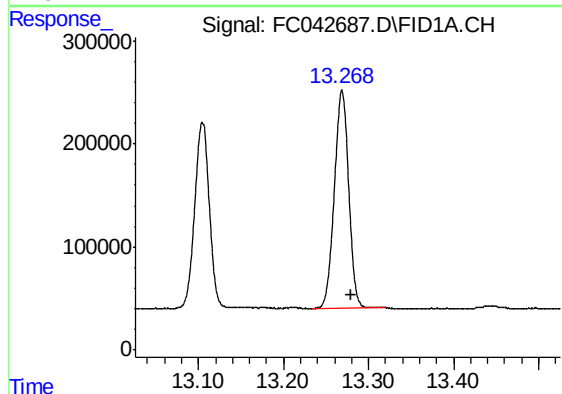
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: -0.009 min
Response: 2621355
Conc: 19.81 ug/ml



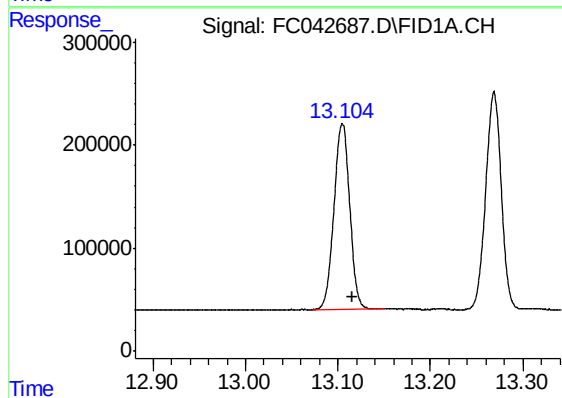
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: -0.011 min
Response: 2519720
Conc: 20.20 ug/ml



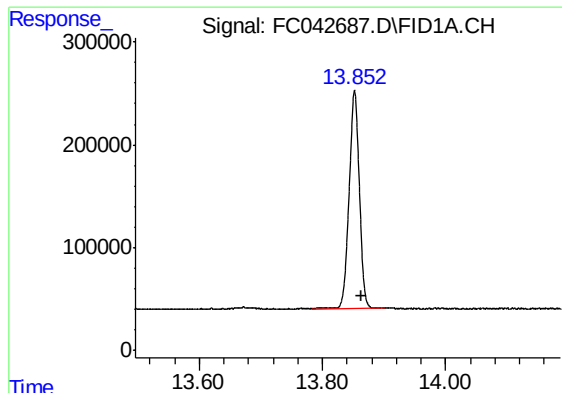
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: -0.011 min
Response: 2475103
Conc: 19.77 ug/ml



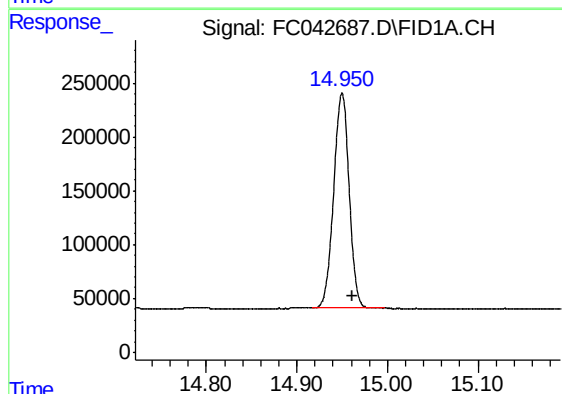
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: -0.011 min
Response: 2137660
Conc: 19.50 ug/ml



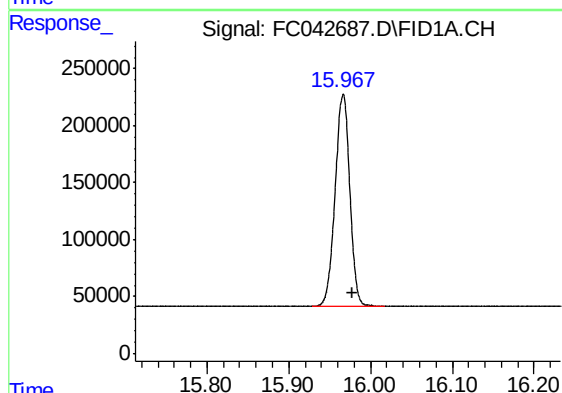
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: -0.012 min
Response: 2450844
Conc: 19.54 ug/ml



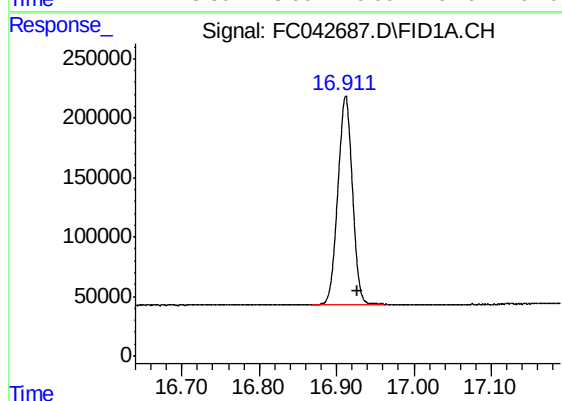
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.012 min
Response: 2367799
Conc: 18.69 ug/ml



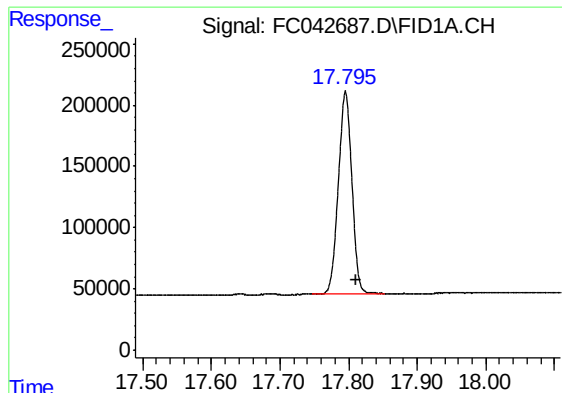
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.012 min
Response: 2313958
Conc: 18.30 ug/ml



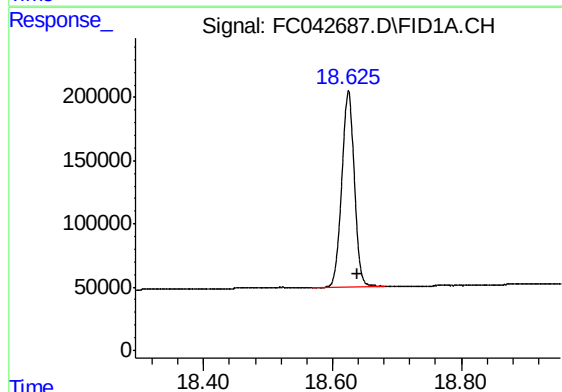
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: -0.015 min
Response: 2296412
Conc: 18.20 ug/ml



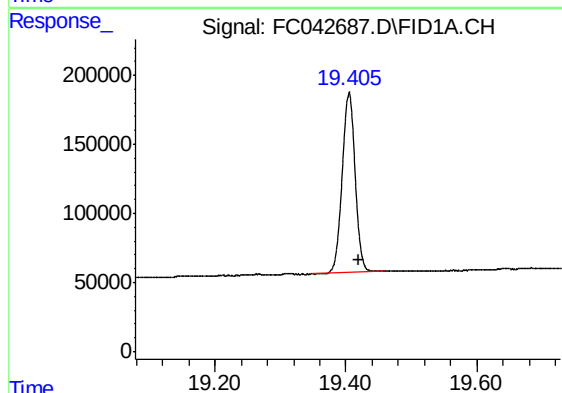
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.015 min
Response: 2257714
Conc: 18.42 ug/ml



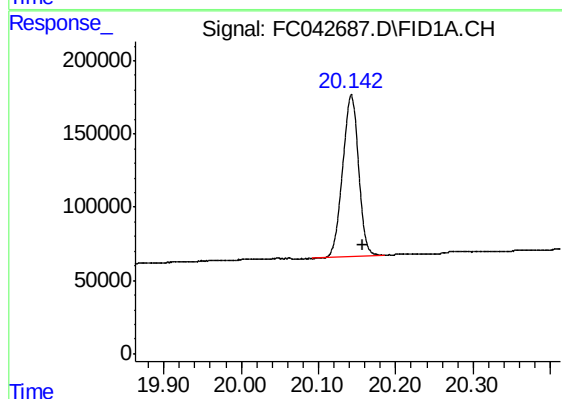
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: -0.014 min
Response: 2107046
Conc: 18.86 ug/ml



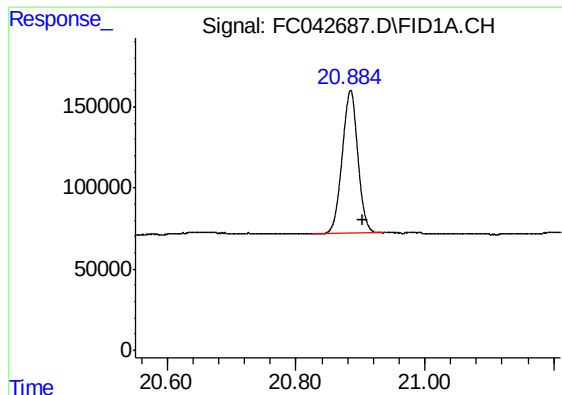
#19 n-Tetatriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.015 min
Response: 1792290
Conc: 19.35 ug/ml



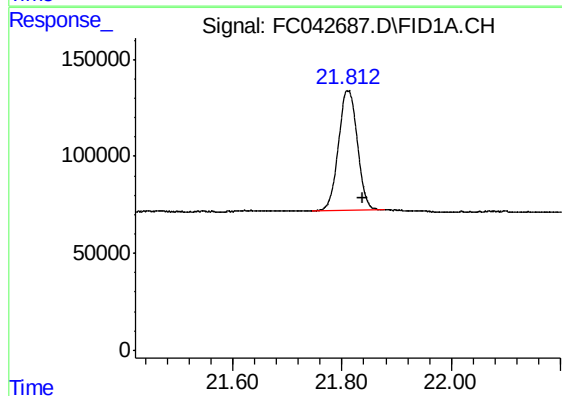
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: -0.015 min
Response: 1582222
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: -0.019 min
Response: 1495864
Conc: 20.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.812 min
Delta R.T.: -0.026 min
Response: 1487959
Conc: 21.44 ug/ml