

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073019AL\
 Data File : FC042655.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2019 8:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 31 09:07:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.687	2588364	19.556 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
12) S 1-chlorooctadecane (S...	13.109	2113725	19.281 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T n-Nonane (C9)	3.492	2534744	21.771 ug/ml
2) T n-Decane (C10)	4.554	2596778	22.010 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2812281	21.664 ug/ml
4) T n-Dodecane (C12)	6.557	2613194	22.023 ug/ml
5) T A~2-methylnaphthalene...	7.190	2805379	21.590 ug/ml
6) T n-Tetradecane (C14)	8.339	2600999	21.861 ug/ml
7) T n-Hexadecane (C16)	9.929	2578385	21.474 ug/ml
8) T n-Octadecane (C18)	11.362	2535586	20.777 ug/ml
10) T n-Eicosane (C20)	12.664	2492580	19.986 ug/ml
11) T n-Heneicosane (C21)	13.274	2446731	19.546 ug/ml
13) T n-Docosane (C22)	13.857	2401805	19.149 ug/ml
14) T n-Tetracosane (C24)	14.955	2326096	18.363 ug/ml
15) T n-Hexacosane (C26)	15.971	2253781	17.824 ug/ml
16) T n-Octacosane (C28)	16.917	2214792	17.551 ug/ml
17) T n-Tricontane (C30)	17.801	2144319	17.492 ug/ml
18) T n-Dotriacontane (C32)	18.631	1990808	17.818 ug/ml
19) T n-Tetratriacontane (C34)	19.410	1695549	18.309 ug/ml
20) T n-Hexatriacontane (C36)	20.148	1535688	19.269 ug/ml
21) T n-Octatriacontane (C38)	20.891	1497720	20.890 ug/ml
22) T n-Tetracontane (C40)	21.822	1509970	21.759 ug/ml

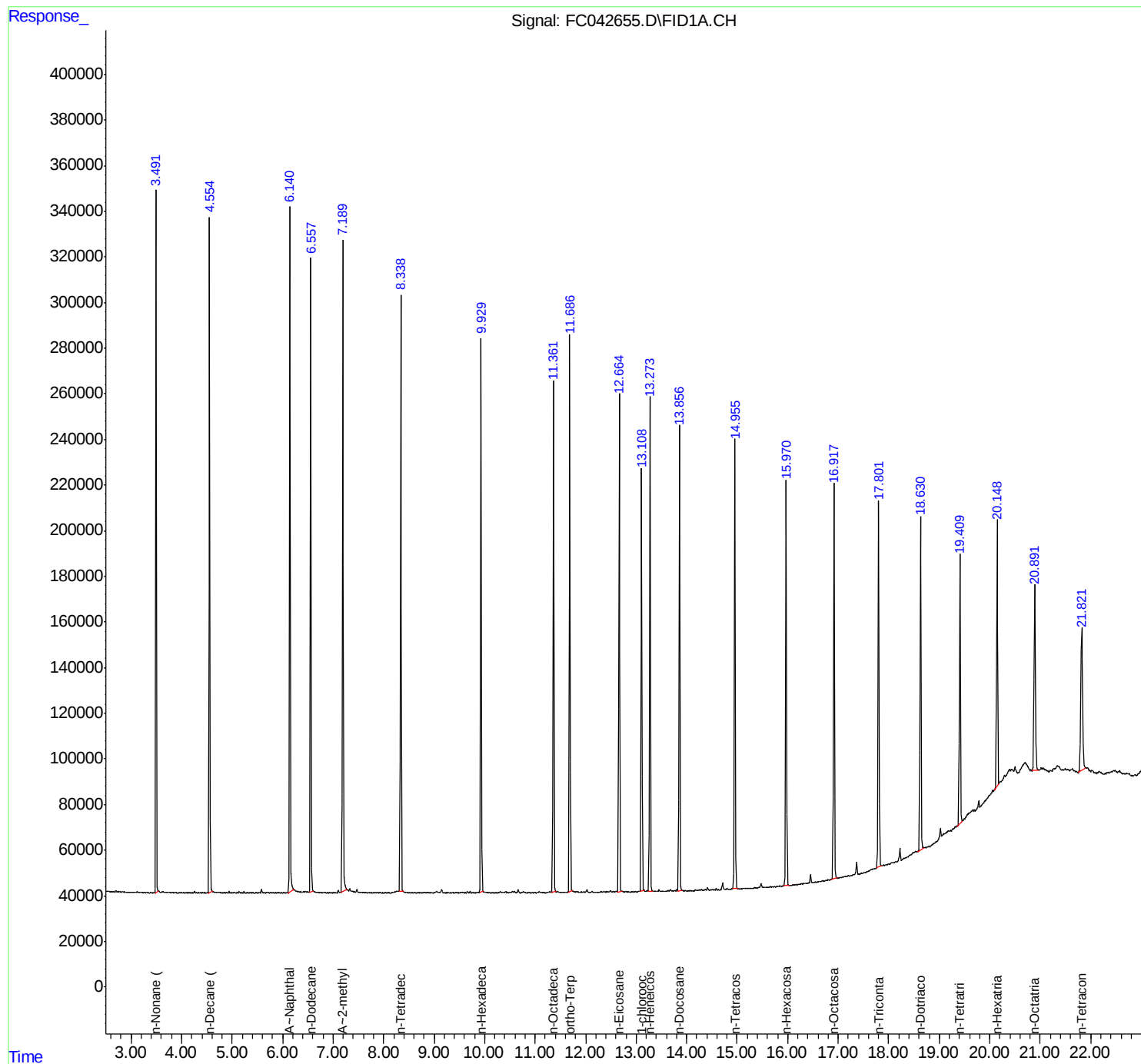
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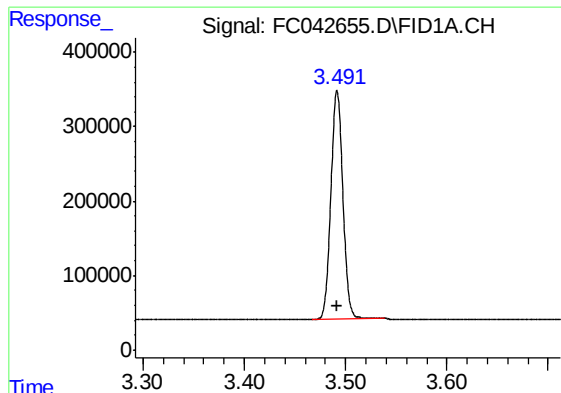
(m)=manual int.

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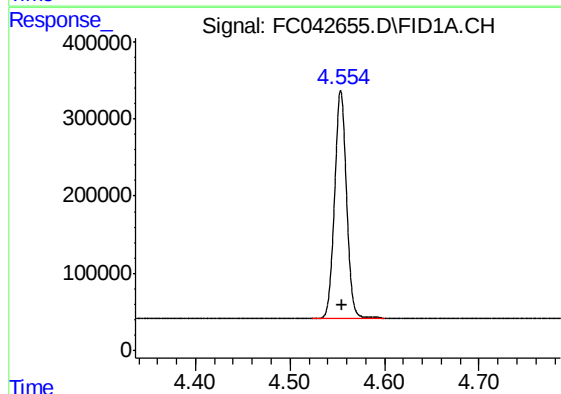
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Signal Info : 20M x 0.18mm x 0.18um





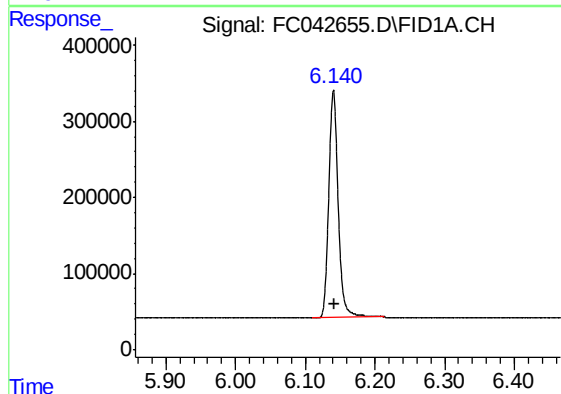
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.000 min
Response: 2534744
Conc: 21.77 ug/ml



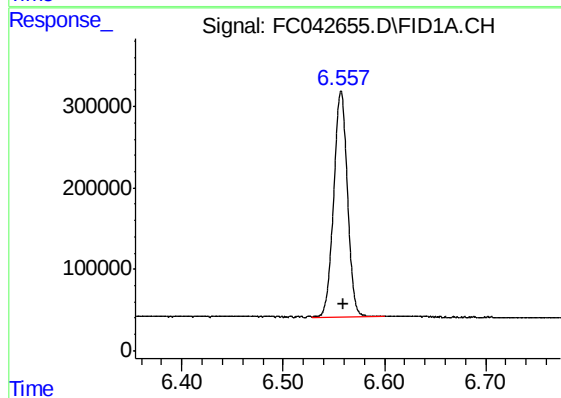
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 2596778
Conc: 22.01 ug/ml



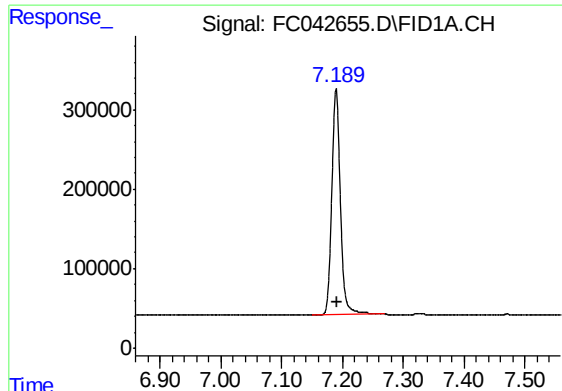
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.001 min
Response: 2812281
Conc: 21.66 ug/ml



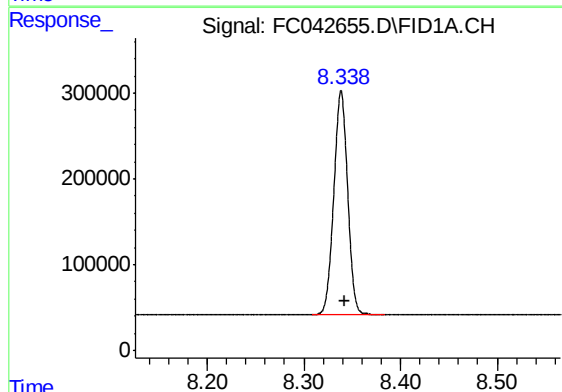
#4 n-Dodecane (C12)

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 2613194
Conc: 22.02 ug/ml



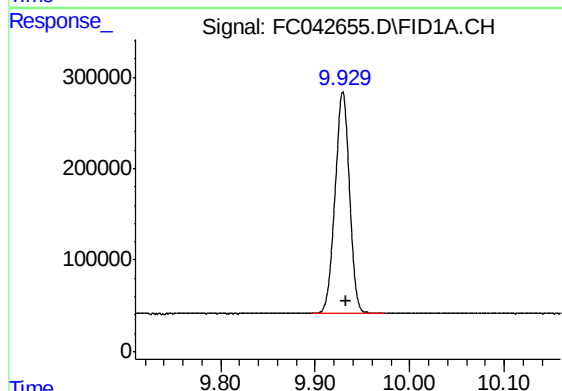
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: -0.001 min
Response: 2805379
Conc: 21.59 ug/ml



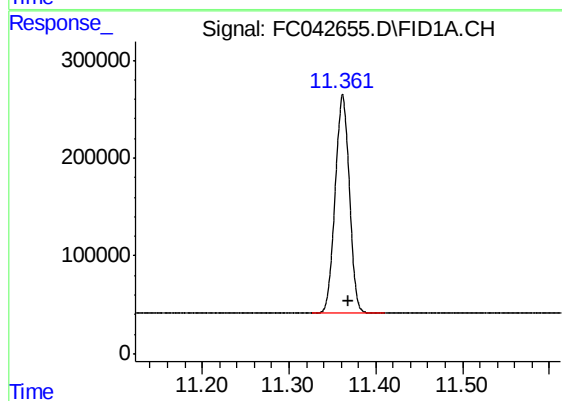
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: -0.003 min
Response: 2600999
Conc: 21.86 ug/ml



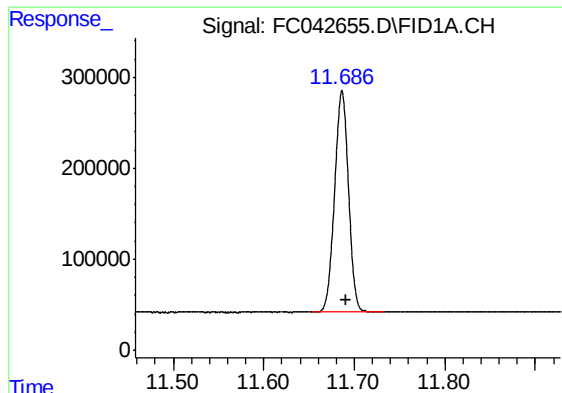
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: -0.004 min
Response: 2578385
Conc: 21.47 ug/ml



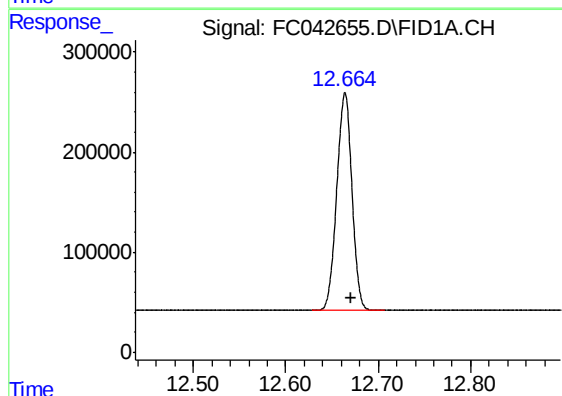
#8 n-Octadecane (C18)

R.T.: 11.362 min
Delta R.T.: -0.006 min
Response: 2535586
Conc: 20.78 ug/ml



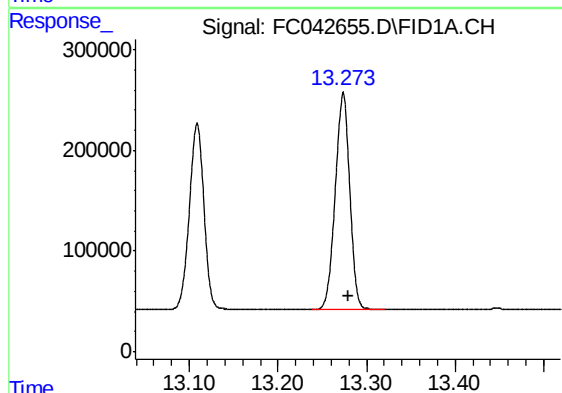
#9 ortho-Terphenyl (SURR)

R.T.: 11.687 min
Delta R.T.: -0.005 min
Response: 2588364
Conc: 19.56 ug/ml



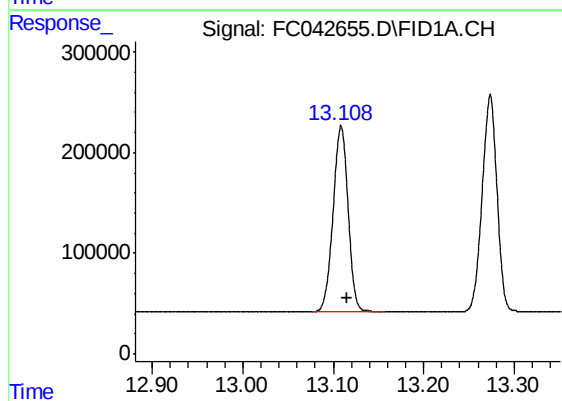
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.006 min
Response: 2492580
Conc: 19.99 ug/ml



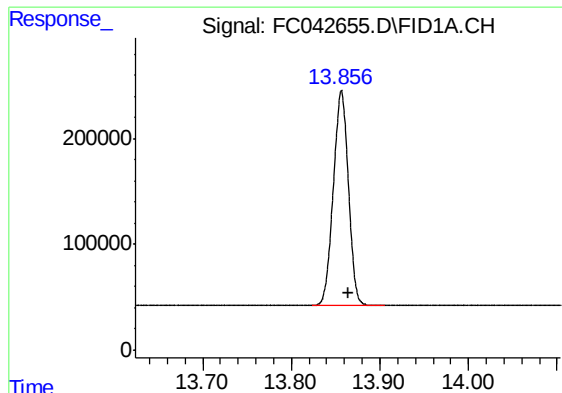
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.006 min
Response: 2446731
Conc: 19.55 ug/ml



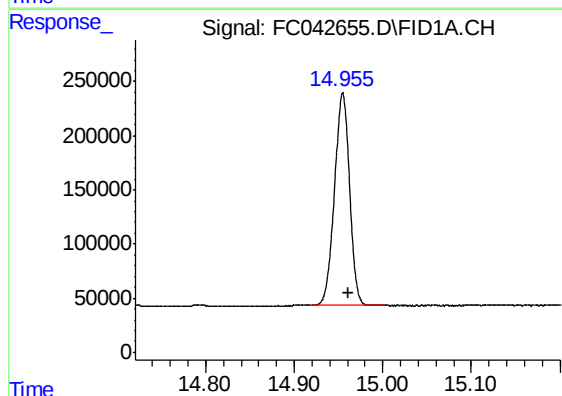
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.007 min
Response: 2113725
Conc: 19.28 ug/ml



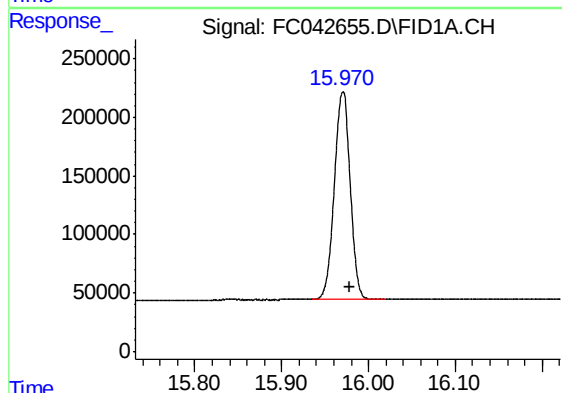
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: -0.007 min
Response: 2401805
Conc: 19.15 ug/ml



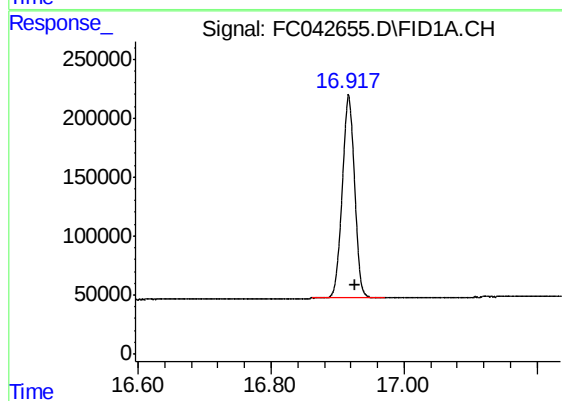
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: -0.007 min
Response: 2326096
Conc: 18.36 ug/ml



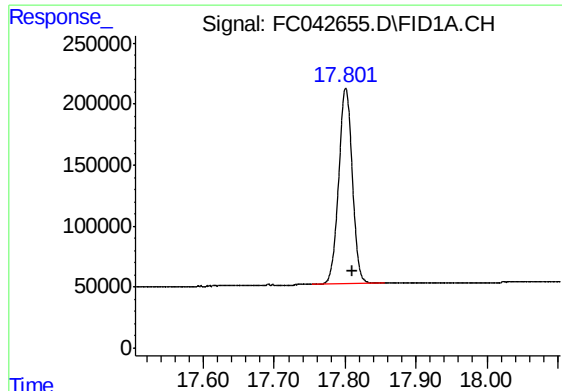
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.008 min
Response: 2253781
Conc: 17.82 ug/ml



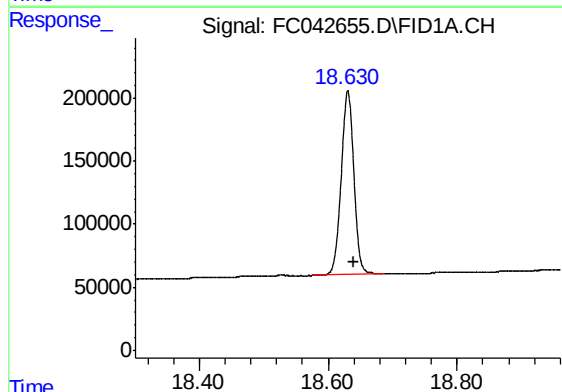
#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: -0.010 min
Response: 2214792
Conc: 17.55 ug/ml



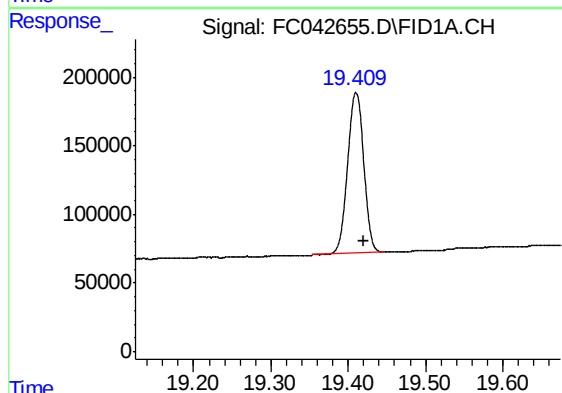
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.010 min
Response: 2144319
Conc: 17.49 ug/ml



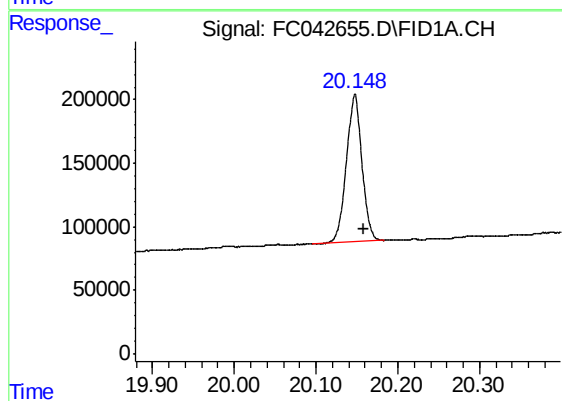
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.009 min
Response: 1990808
Conc: 17.82 ug/ml



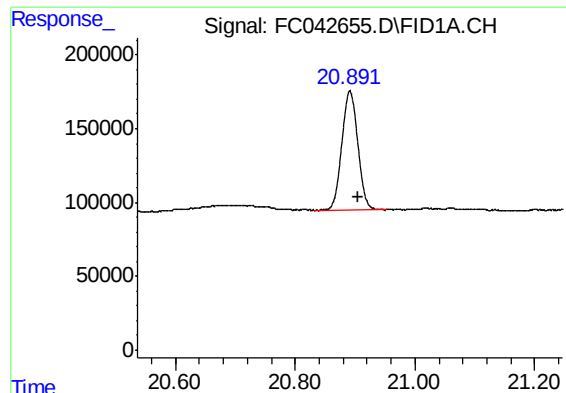
#19 n-Tetatriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.010 min
Response: 1695549
Conc: 18.31 ug/ml



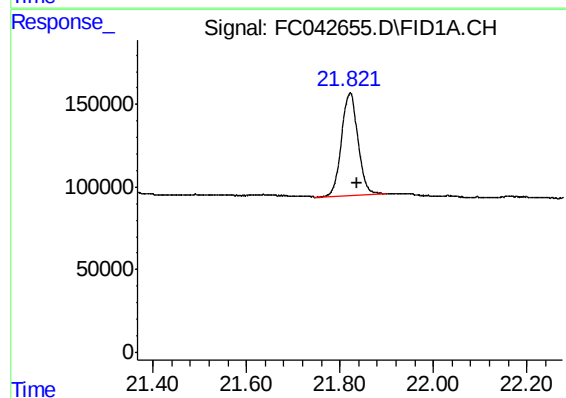
#20 n-Hexatriacontane (C36)

R.T.: 20.148 min
Delta R.T.: -0.010 min
Response: 1535688
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: -0.013 min
Response: 1497720
Conc: 20.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: -0.015 min
Response: 1509970
Conc: 21.76 ug/ml