

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030521AL\
 Data File : FC052287.D
 Signal(s) : FID1A.CH
 Acq On : 06 Mar 2021 13:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 00:29:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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)	11.615	2608356	19.779 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	13.052	2035195	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.355	2468506	20.942 ug/ml
2) T n-Decane (C10)	4.424	2515945	21.184 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2804742	21.124 ug/ml
4) T n-Dodecane (C12)	6.448	2556742	21.150 ug/ml
5) T A~2-methylnaphthalene...	7.076	2857693	21.054 ug/ml
6) T n-Tetradecane (C14)	8.248	2544080	20.983 ug/ml
7) T n-Hexadecane (C16)	9.851	2475364	20.688 ug/ml
8) T n-Octadecane (C18)	11.296	2518533	20.346 ug/ml
10) T n-Eicosane (C20)	12.606	2455997	19.932 ug/ml
11) T n-Heneicosane (C21)	13.218	2404358	19.696 ug/ml
13) T n-Docosane (C22)	13.805	2359275	19.608 ug/ml
14) T n-Tetracosane (C24)	14.909	2243932	19.247 ug/ml
15) T n-Hexacosane (C26)	15.932	2103121	19.145 ug/ml
16) T n-Octacosane (C28)	16.881	1977893	19.296 ug/ml
17) T n-Tricontane (C30)	17.771	1868257	19.845 ug/ml
18) T n-Dotriacontane (C32)	18.602	1762925	20.647 ug/ml
19) T n-Tetratriacontane (C34)	19.386	1677565	21.638 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1619333	22.536 ug/ml
21) T n-Octatriacontane (C38)	20.871	1565180	22.849 ug/ml
22) T n-Tetracontane (C40)	21.796	1617619	22.495 ug/ml

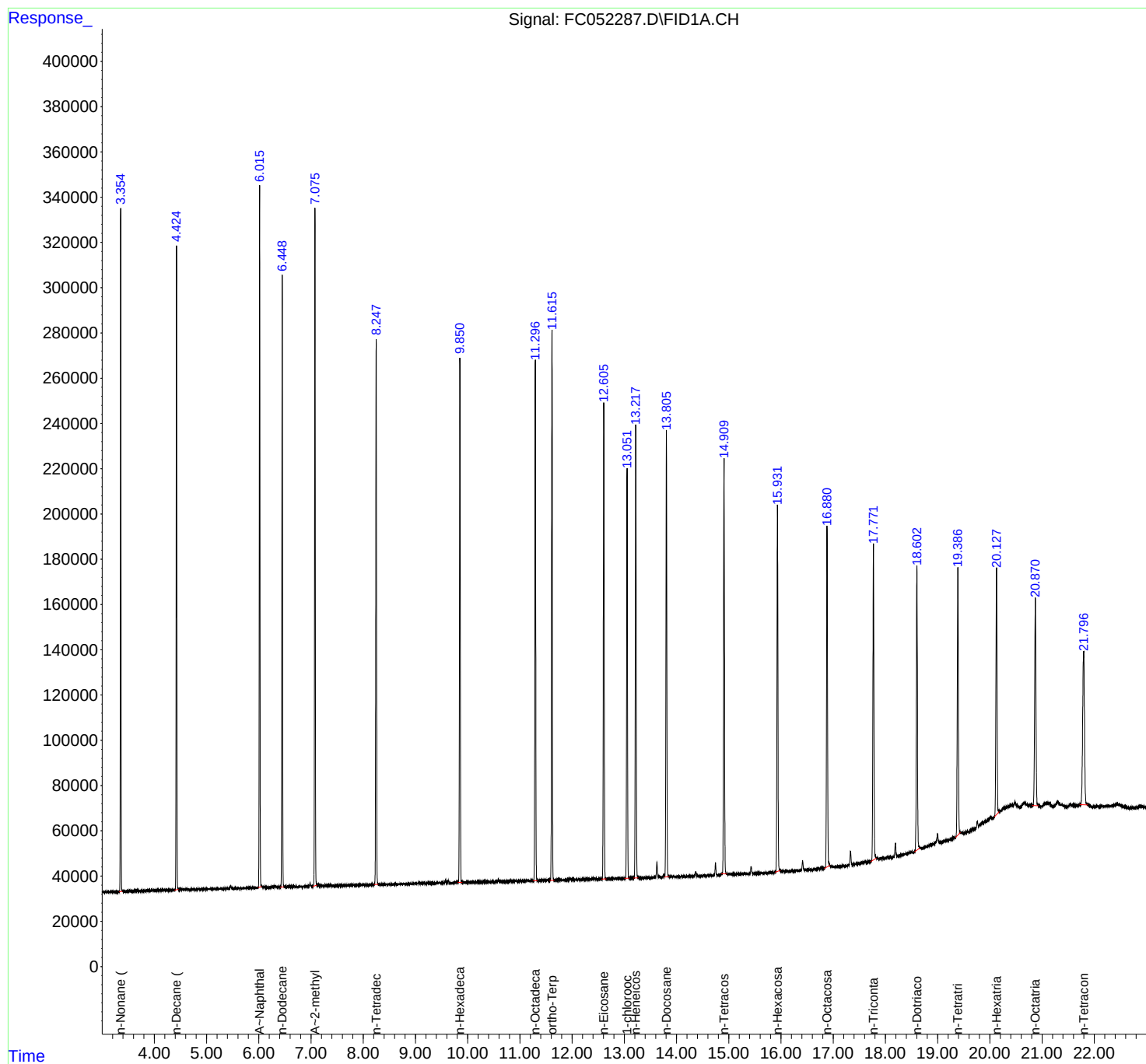
(f)=RT Delta > 1/2 Window

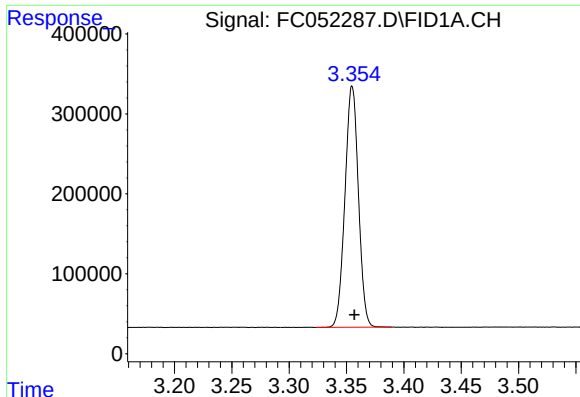
(m)=manual int.

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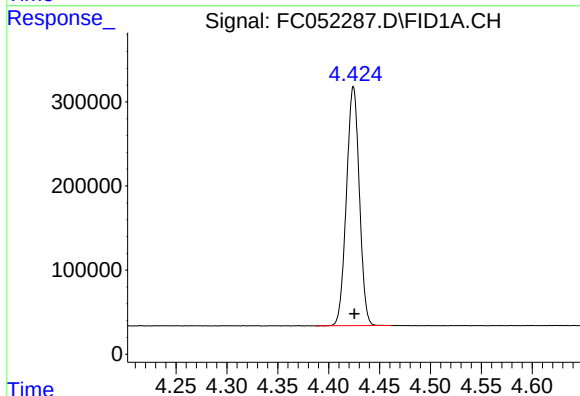
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Signal Info : 20M x 0.18mm x 0.18um





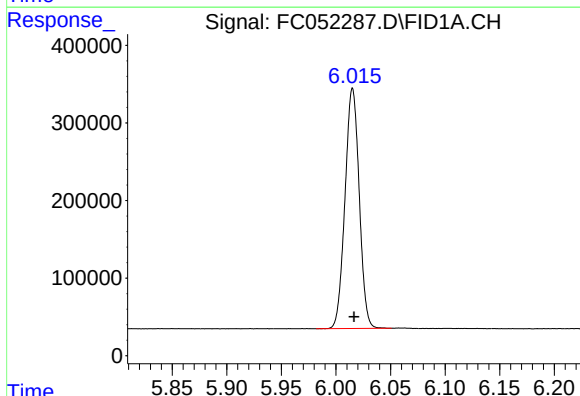
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.002 min
Response: 2468506
Conc: 20.94 ug/ml



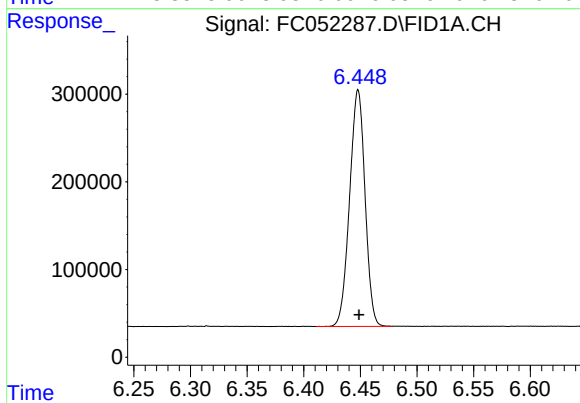
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 2515945
Conc: 21.18 ug/ml



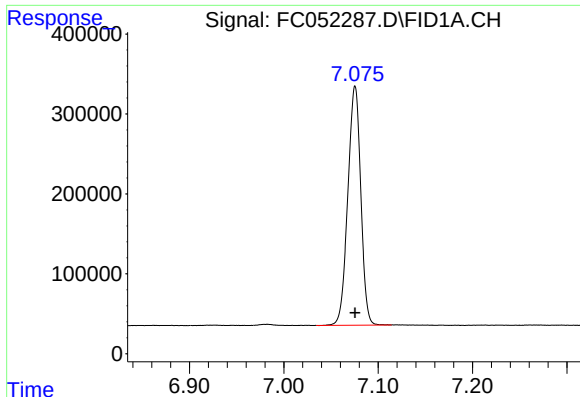
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.002 min
Response: 2804742
Conc: 21.12 ug/ml



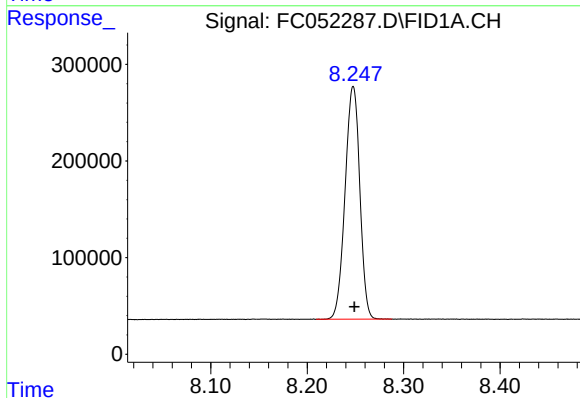
#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 2556742
Conc: 21.15 ug/ml



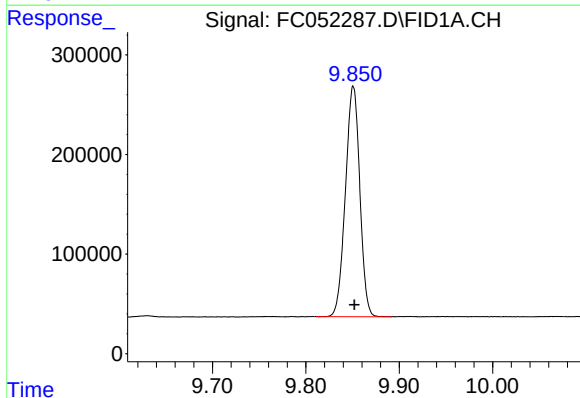
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 2857693
Conc: 21.05 ug/ml



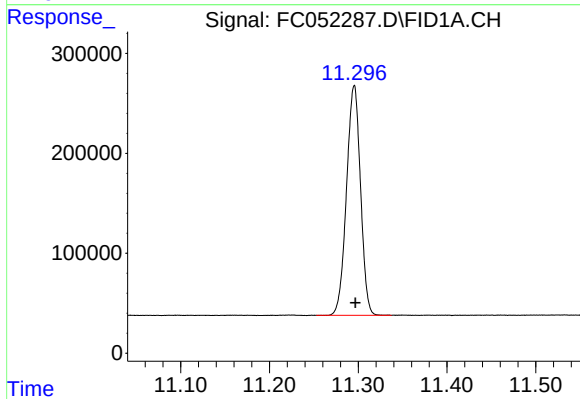
#6 n-Tetradecane (C14)

R.T.: 8.248 min
Delta R.T.: -0.001 min
Response: 2544080
Conc: 20.98 ug/ml



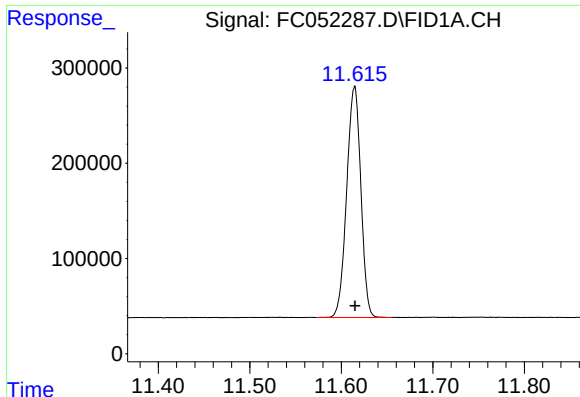
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.001 min
Response: 2475364
Conc: 20.69 ug/ml



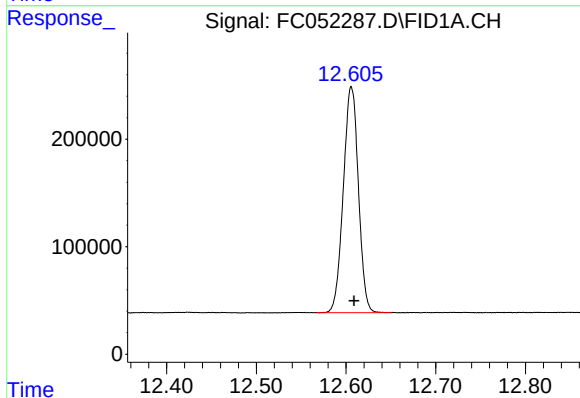
#8 n-Octadecane (C18)

R.T.: 11.296 min
Delta R.T.: -0.001 min
Response: 2518533
Conc: 20.35 ug/ml



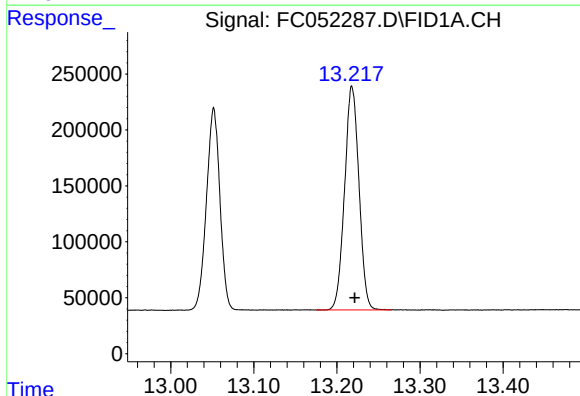
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 2608356
Conc: 19.78 ug/ml



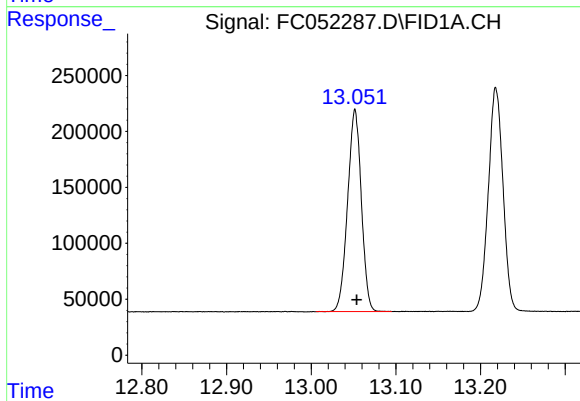
#10 n-Eicosane (C20)

R.T.: 12.606 min
Delta R.T.: -0.003 min
Response: 2455997
Conc: 19.93 ug/ml



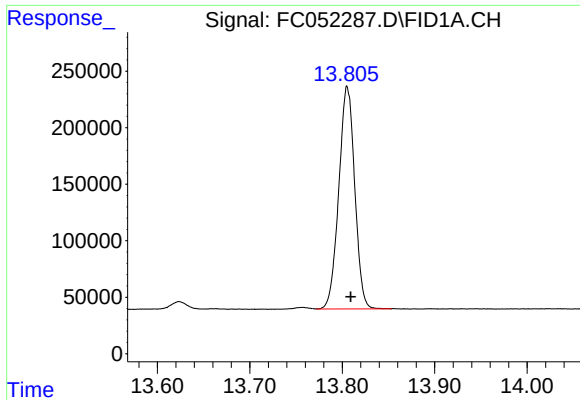
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.004 min
Response: 2404358
Conc: 19.70 ug/ml



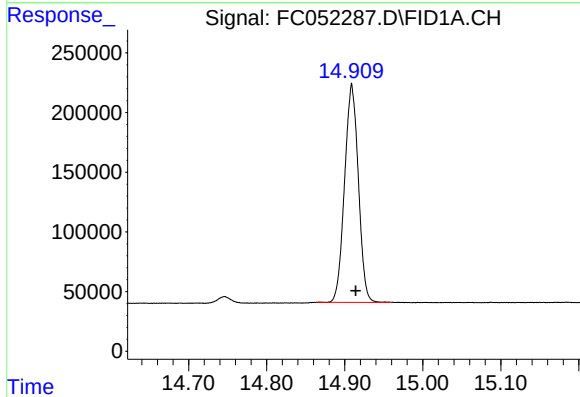
#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.002 min
Response: 2035195
Conc: 19.57 ug/ml



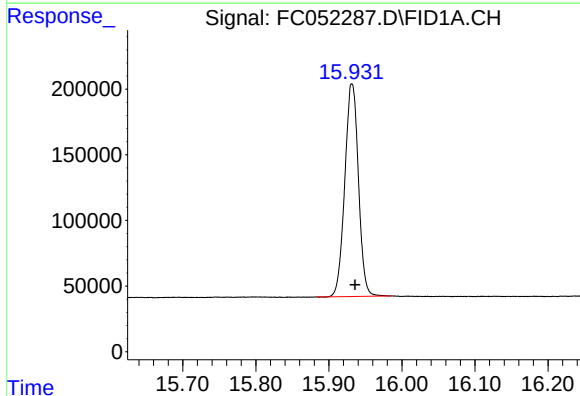
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.004 min
Response: 2359275
Conc: 19.61 ug/ml



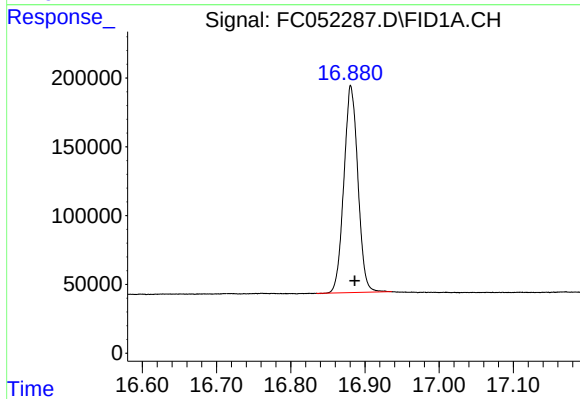
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.005 min
Response: 2243932
Conc: 19.25 ug/ml



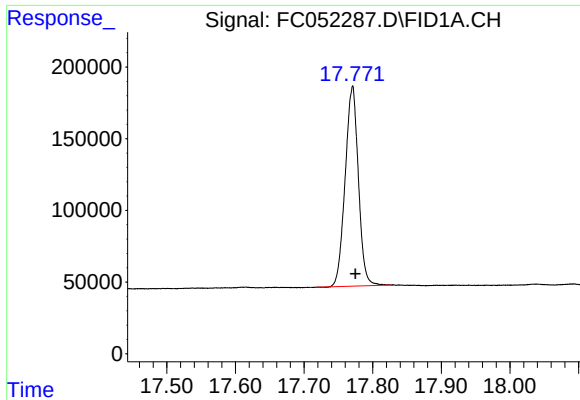
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: -0.004 min
Response: 2103121
Conc: 19.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.005 min
Response: 1977893
Conc: 19.30 ug/ml



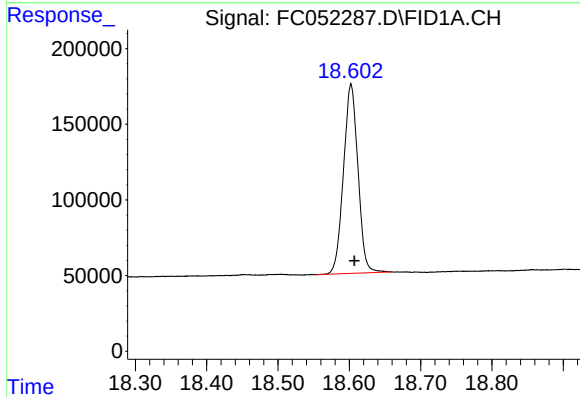
#17 n-Tricontane (C30)

R.T.: 17.771 min

Delta R.T.: -0.004 min

Response: 1868257

Conc: 19.85 ug/ml



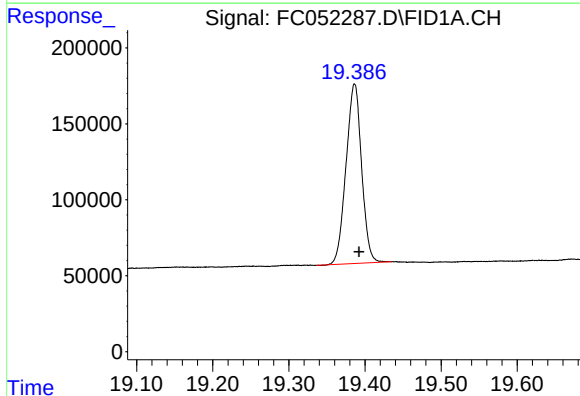
#18 n-Dotriacontane (C32)

R.T.: 18.602 min

Delta R.T.: -0.005 min

Response: 1762925

Conc: 20.65 ug/ml



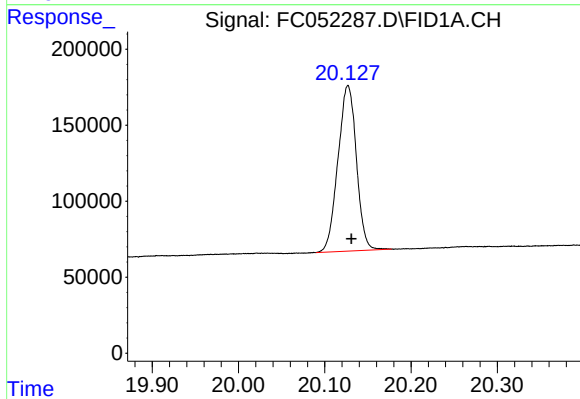
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min

Delta R.T.: -0.006 min

Response: 1677565

Conc: 21.64 ug/ml



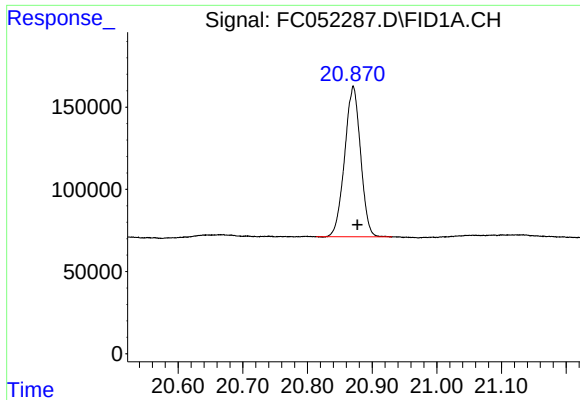
#20 n-Hexatriacontane (C36)

R.T.: 20.127 min

Delta R.T.: -0.004 min

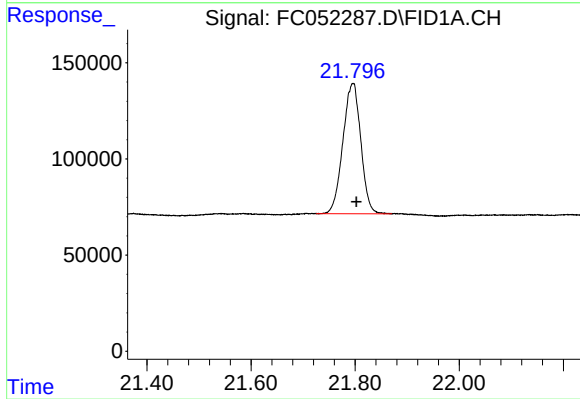
Response: 1619333

Conc: 22.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.006 min
Response: 1565180
Conc: 22.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.006 min
Response: 1617619
Conc: 22.50 ug/ml