

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020821AL\
 Data File : FC051927.D
 Signal(s) : FID1A.CH
 Acq On : 08 Feb 2021 20:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 00:14:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.692	2430722	19.053 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	13.122	1937019	18.805 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	3.446	2227648	20.321 ug/ml
2) T n-Decane (C10)	4.516	2274604	20.581 ug/ml
3) T A~Naphthalene (C11.7)	6.108	2554677	20.489 ug/ml
4) T n-Dodecane (C12)	6.535	2321754	20.613 ug/ml
5) T A~2-methylnaphthalene...	7.165	2611744	20.433 ug/ml
6) T n-Tetradecane (C14)	8.329	2338756	20.534 ug/ml
7) T n-Hexadecane (C16)	9.928	2303061	20.273 ug/ml
8) T n-Octadecane (C18)	11.369	2371683	19.895 ug/ml
10) T n-Eicosane (C20)	12.677	2355372	19.471 ug/ml
11) T n-Heneicosane (C21)	13.289	2303896	18.964 ug/ml
13) T n-Docosane (C22)	13.874	2335593	19.205 ug/ml
14) T n-Tetracosane (C24)	14.977	2356196	19.333 ug/ml
15) T n-Hexacosane (C26)	15.997	2289155	19.125 ug/ml
16) T n-Octacosane (C28)	16.945	2231229	19.071 ug/ml
17) T n-Tricontane (C30)	17.832	2173585	19.359 ug/ml
18) T n-Dotriacontane (C32)	18.662	2034650	19.664 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1897236	20.046 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1823344	20.939 ug/ml
21) T n-Octatriacontane (C38)	20.939	1758637	21.428 ug/ml
22) T n-Tetracontane (C40)	21.883	1810427	21.191 ug/ml

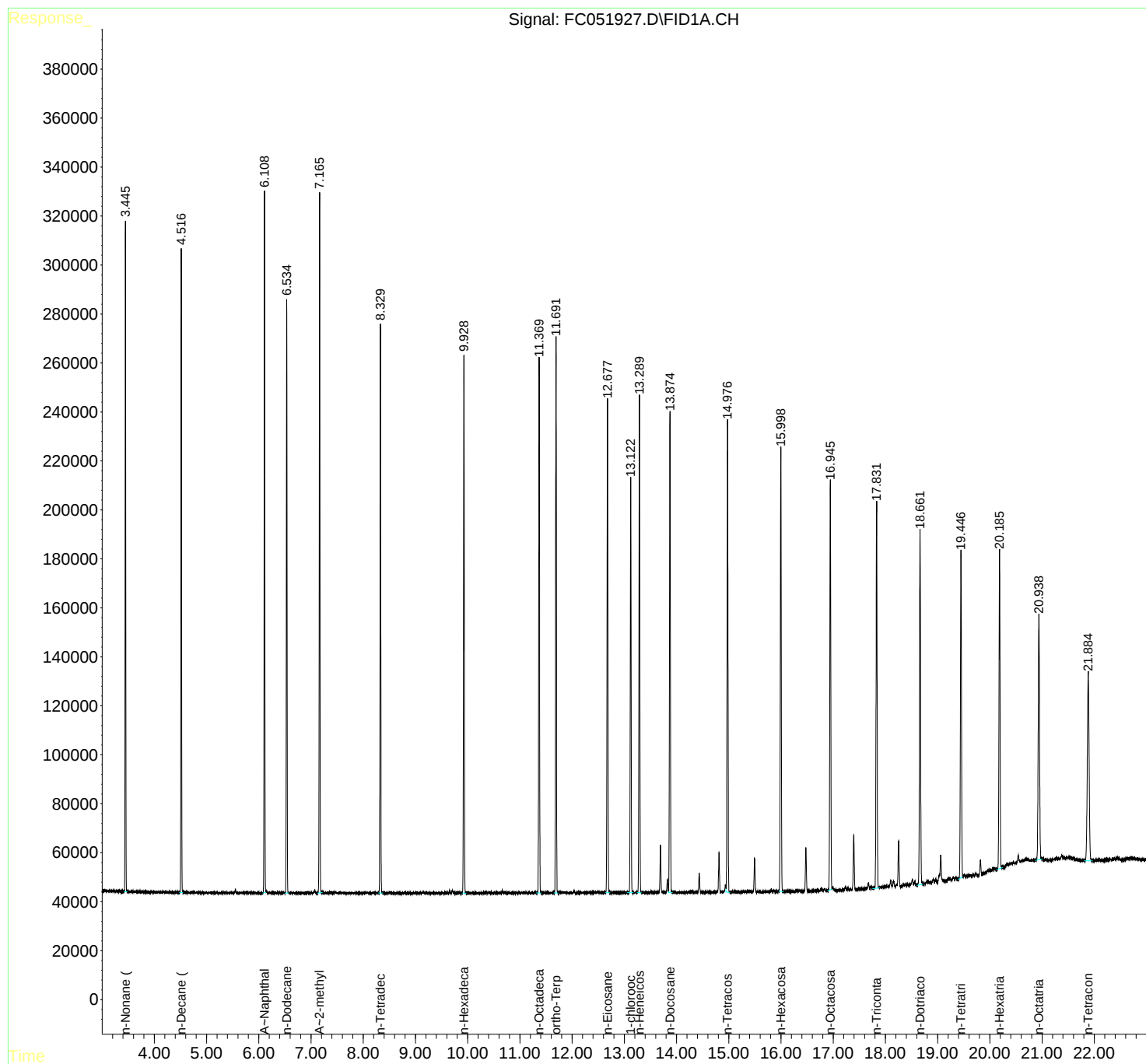
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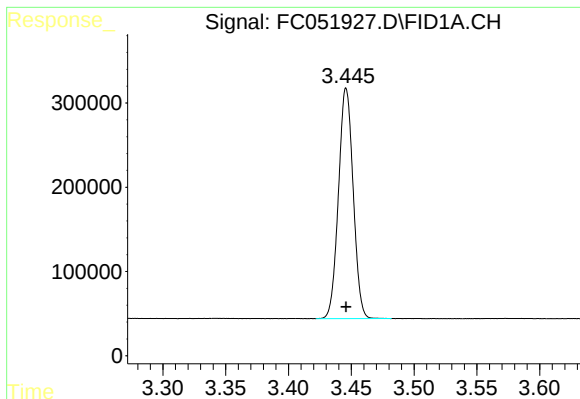
(m)=manual int.

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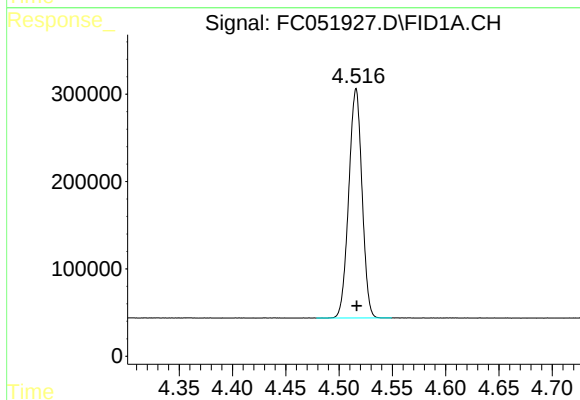
Volume Inj. : 1 ul
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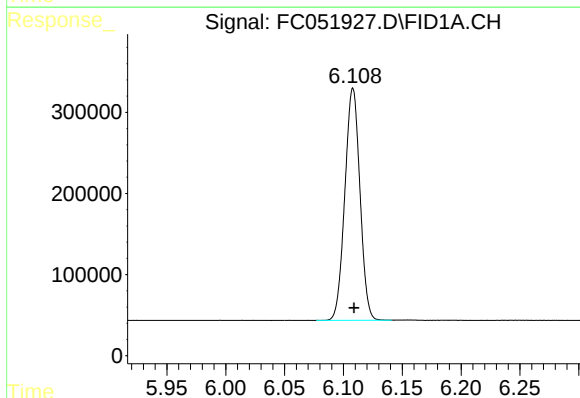
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 2227648
Conc: 20.32 ug/ml



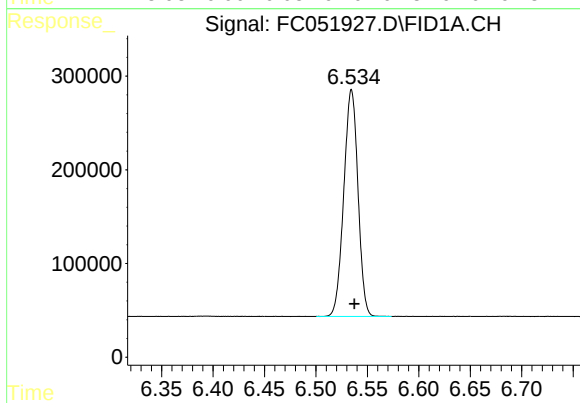
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2274604
Conc: 20.58 ug/ml



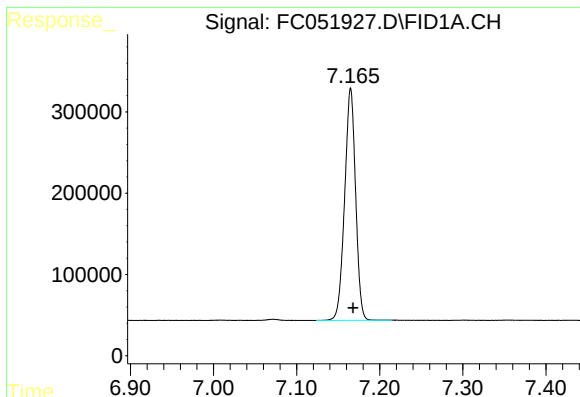
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2554677
Conc: 20.49 ug/ml



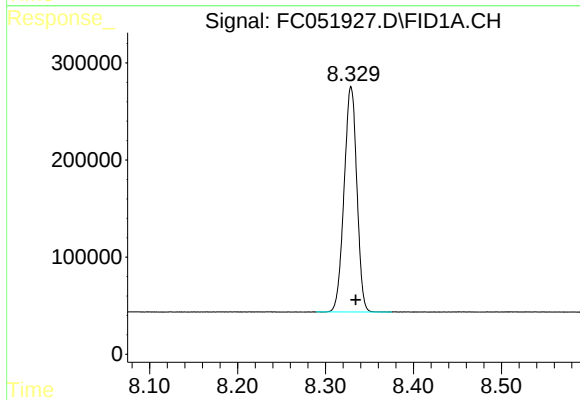
#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 2321754
Conc: 20.61 ug/ml



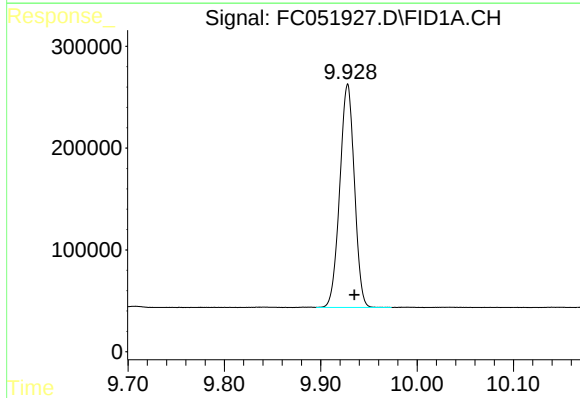
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 2611744
Conc: 20.43 ug/ml



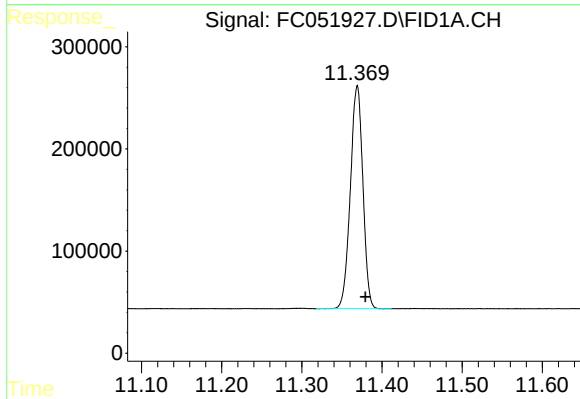
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 2338756
Conc: 20.53 ug/ml



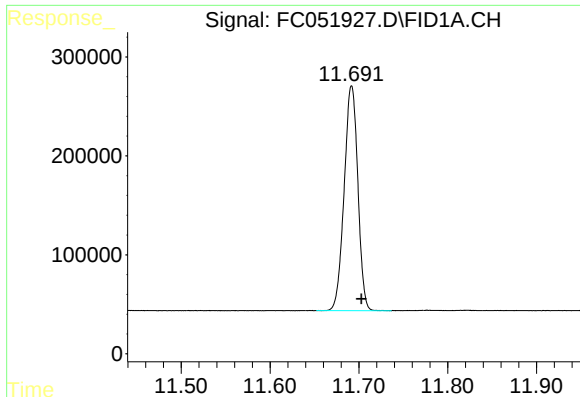
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.007 min
Response: 2303061
Conc: 20.27 ug/ml



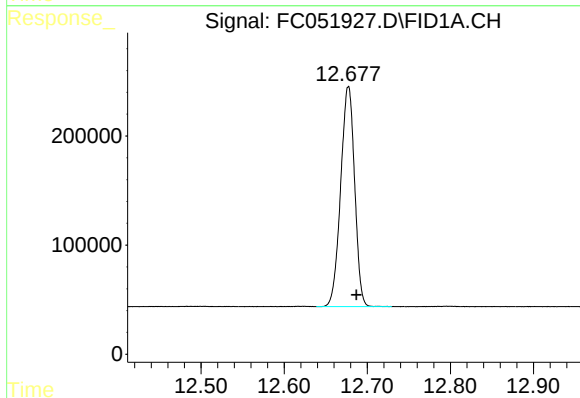
#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.010 min
Response: 2371683
Conc: 19.90 ug/ml



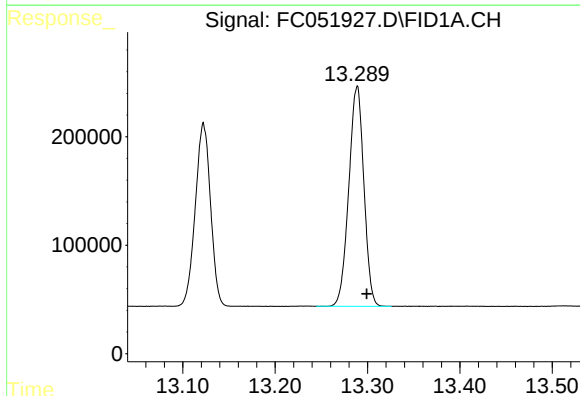
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min
Delta R.T.: -0.011 min
Response: 2430722
Conc: 19.05 ug/ml



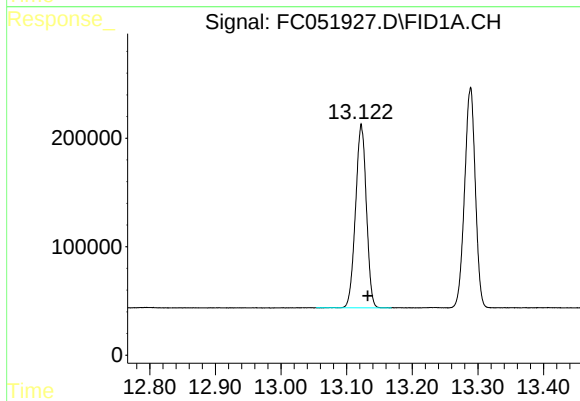
#10 n-Eicosane (C20)

R.T.: 12.677 min
Delta R.T.: -0.009 min
Response: 2355372
Conc: 19.47 ug/ml



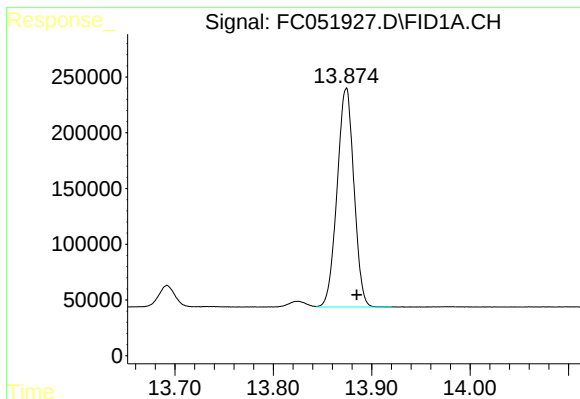
#11 n-Heneicosane (C21)

R.T.: 13.289 min
Delta R.T.: -0.010 min
Response: 2303896
Conc: 18.96 ug/ml



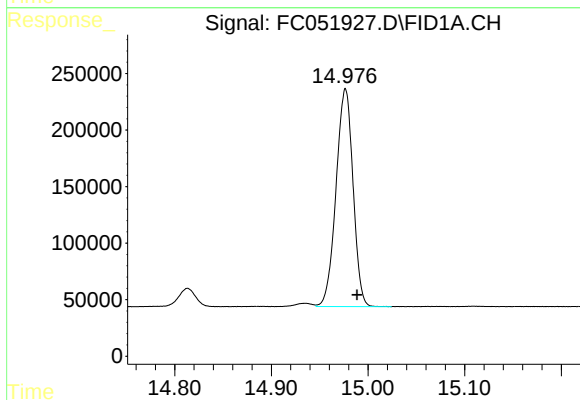
#12 1-chlorooctadecane (SURR)

R.T.: 13.122 min
Delta R.T.: -0.010 min
Response: 1937019
Conc: 18.81 ug/ml



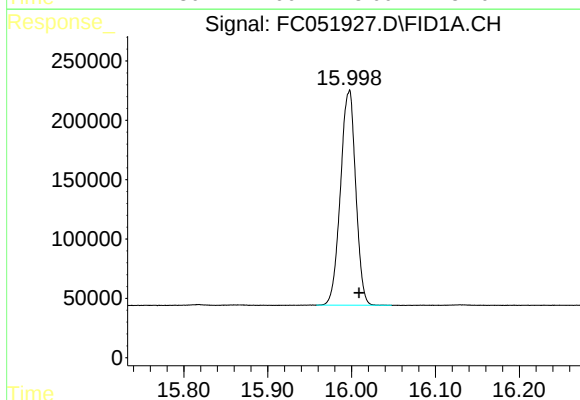
#13 n-Docosane (C22)

R.T.: 13.874 min
Delta R.T.: -0.010 min
Response: 2335593
Conc: 19.20 ug/ml



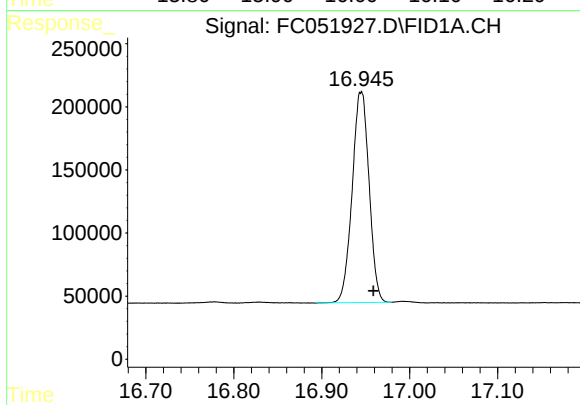
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.012 min
Response: 2356196
Conc: 19.33 ug/ml



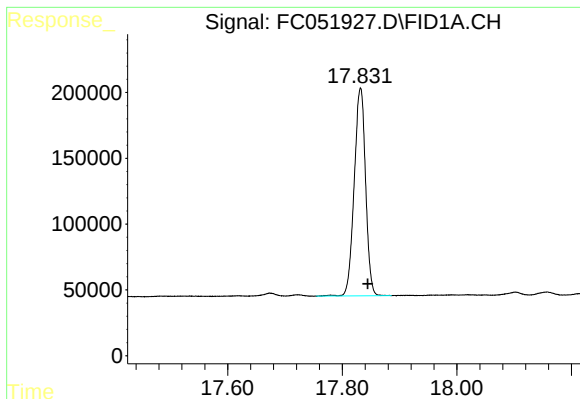
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: -0.012 min
Response: 2289155
Conc: 19.12 ug/ml



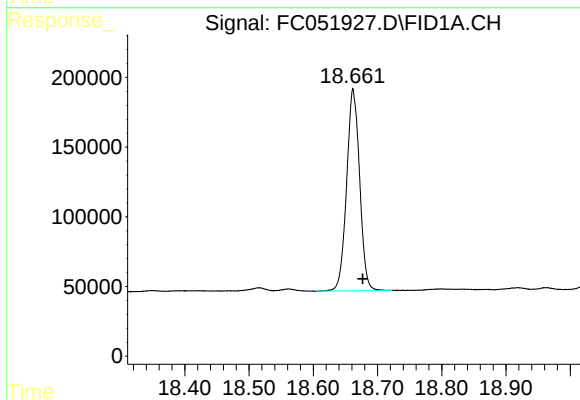
#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.014 min
Response: 2231229
Conc: 19.07 ug/ml



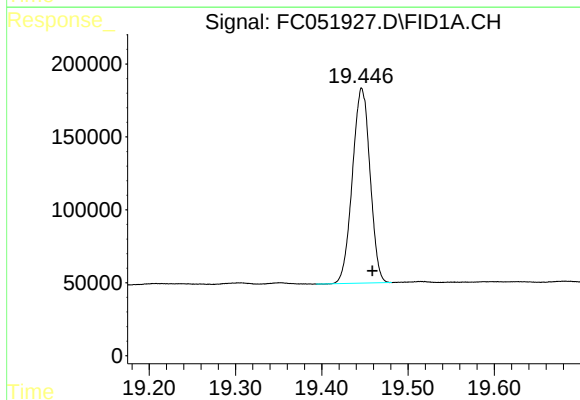
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.013 min
Response: 2173585
Conc: 19.36 ug/ml



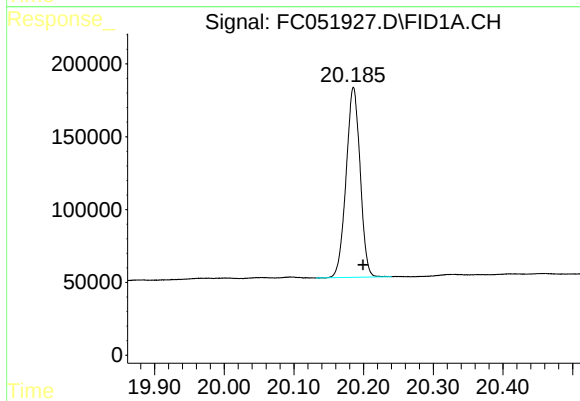
#18 n-Dotriacontane (C32)

R.T.: 18.662 min
Delta R.T.: -0.015 min
Response: 2034650
Conc: 19.66 ug/ml



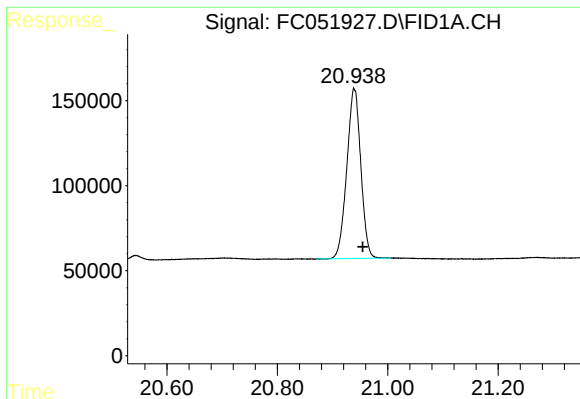
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: -0.012 min
Response: 1897236
Conc: 20.05 ug/ml



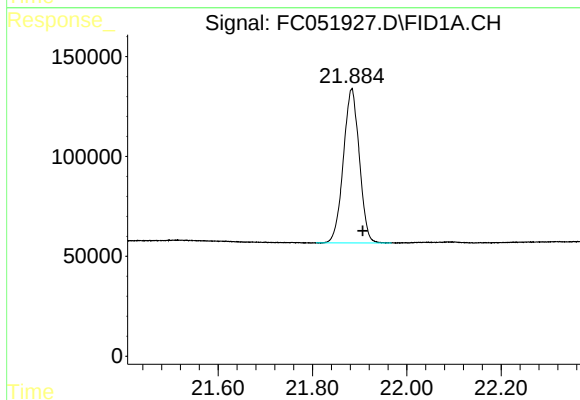
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: -0.014 min
Response: 1823344
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.939 min
Delta R.T.: -0.015 min
Response: 1758637
Conc: 21.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.883 min
Delta R.T.: -0.023 min
Response: 1810427
Conc: 21.19 ug/ml