

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012921AL\
 Data File : FC051844.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2021 11:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 22:35:30 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)	11.693	2422538	18.989 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	13.124	1930184	18.739 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	3.444	2234066	20.380 ug/ml
2) T n-Decane (C10)	4.513	2263823	20.483 ug/ml
3) T A~Naphthalene (C11.7)	6.105	2547632	20.432 ug/ml
4) T n-Dodecane (C12)	6.533	2318225	20.581 ug/ml
5) T A~2-methylnaphthalene...	7.162	2605839	20.386 ug/ml
6) T n-Tetradecane (C14)	8.328	2332330	20.478 ug/ml
7) T n-Hexadecane (C16)	9.928	2291385	20.171 ug/ml
8) T n-Octadecane (C18)	11.369	2350593	19.718 ug/ml
10) T n-Eicosane (C20)	12.678	2315886	19.145 ug/ml
11) T n-Heneicosane (C21)	13.291	2278021	18.751 ug/ml
13) T n-Docosane (C22)	13.877	2240990	18.427 ug/ml
14) T n-Tetracosane (C24)	14.979	2147417	17.620 ug/ml
15) T n-Hexacosane (C26)	15.998	2029090	16.952 ug/ml
16) T n-Octacosane (C28)	16.948	1935764	16.545 ug/ml
17) T n-Tricontane (C30)	17.835	1866332	16.622 ug/ml
18) T n-Dotriacontane (C32)	18.667	1802951	17.424 ug/ml
19) T n-Tetratriacontane (C34)	19.451	1779219	18.799 ug/ml
20) T n-Hexatriacontane (C36)	20.191	1770764	20.335 ug/ml
21) T n-Octatriacontane (C38)	20.946	1694429	20.646 ug/ml
22) T n-Tetracontane (C40)	21.892	1763986	20.647 ug/ml

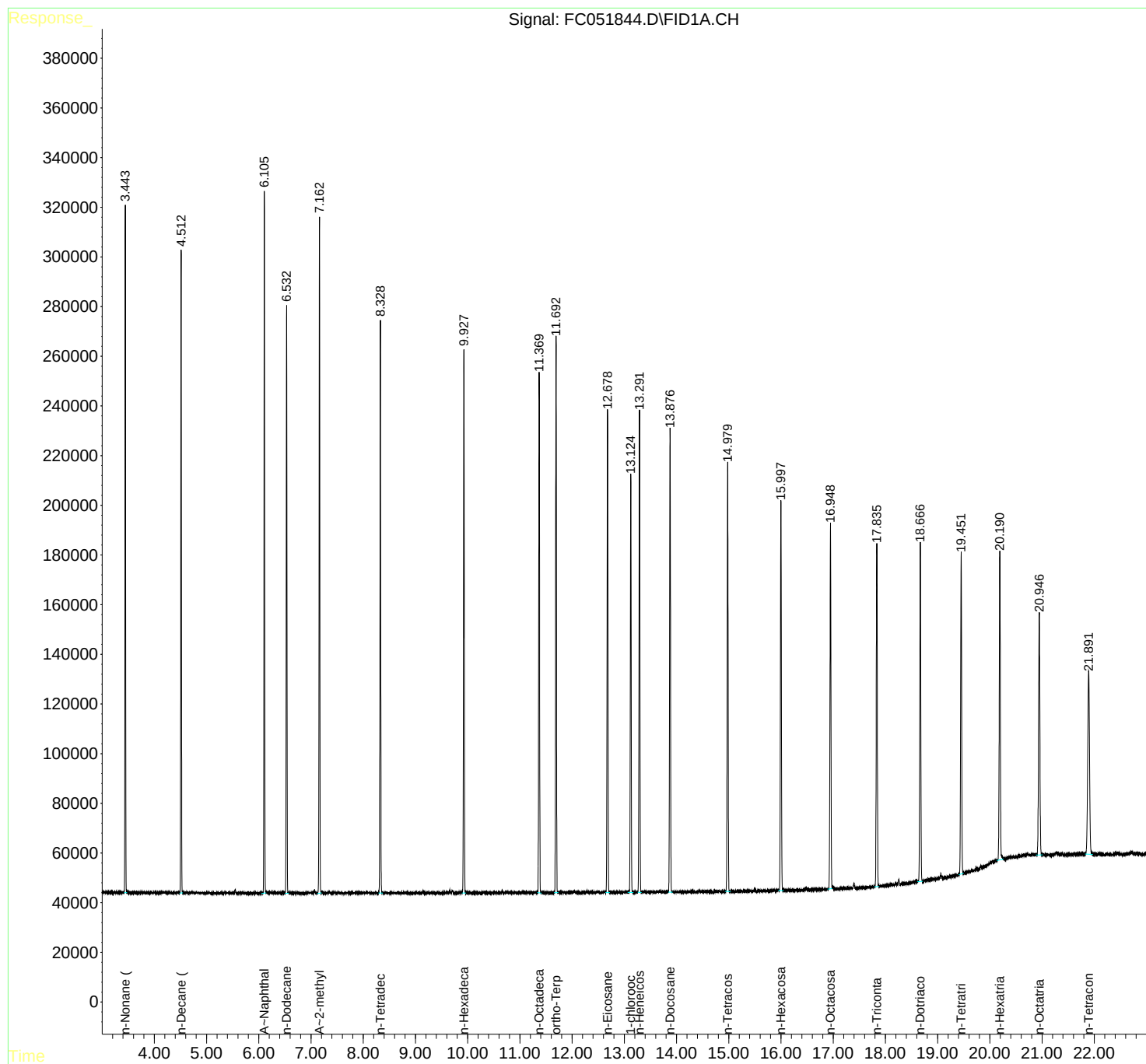
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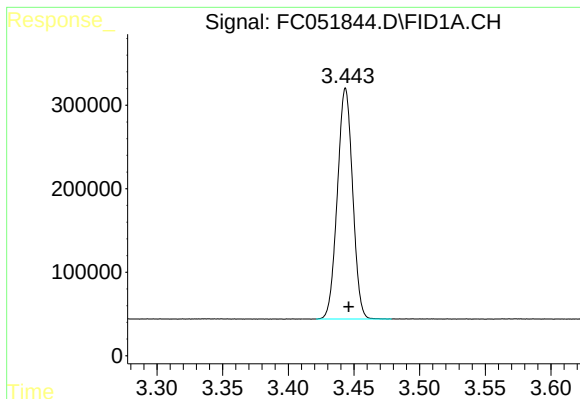
(m)=manual int.

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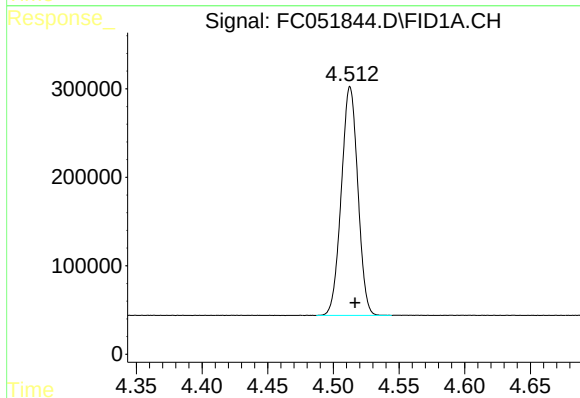
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





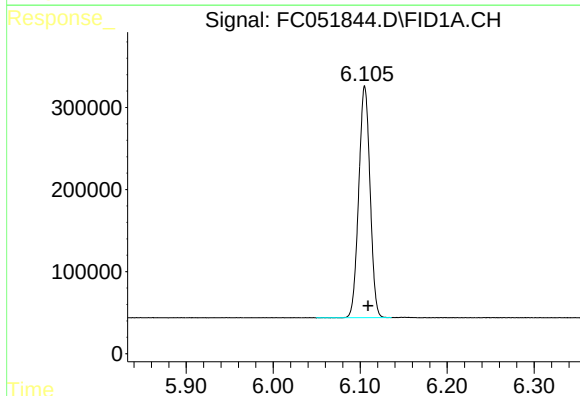
#1 n-Nonane (C9)

R.T.: 3.444 min
Delta R.T.: -0.002 min
Response: 2234066
Conc: 20.38 ug/ml



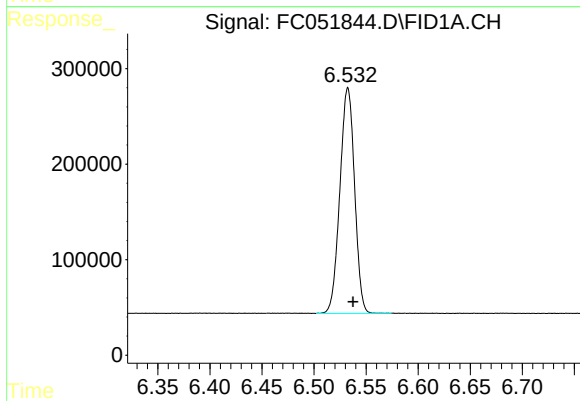
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 2263823
Conc: 20.48 ug/ml



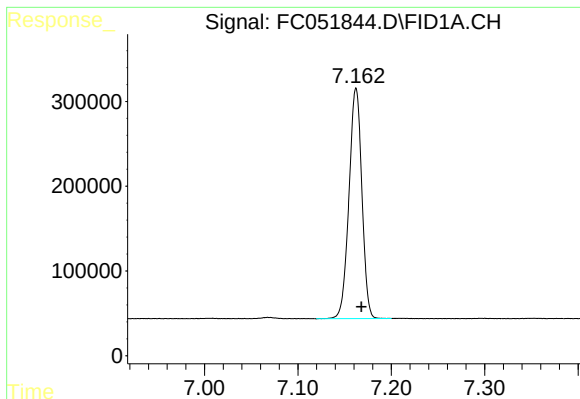
#3 A~Naphthalene (C11.7)

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 2547632
Conc: 20.43 ug/ml



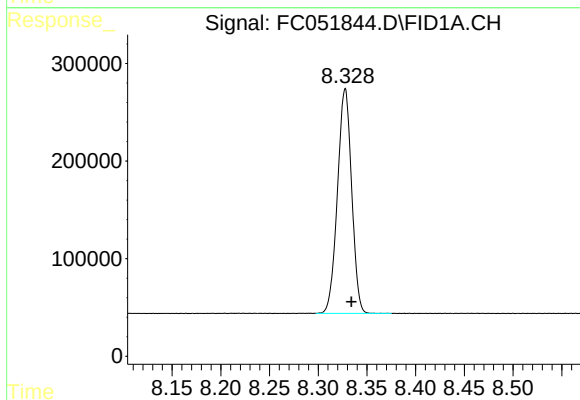
#4 n-Dodecane (C12)

R.T.: 6.533 min
Delta R.T.: -0.005 min
Response: 2318225
Conc: 20.58 ug/ml



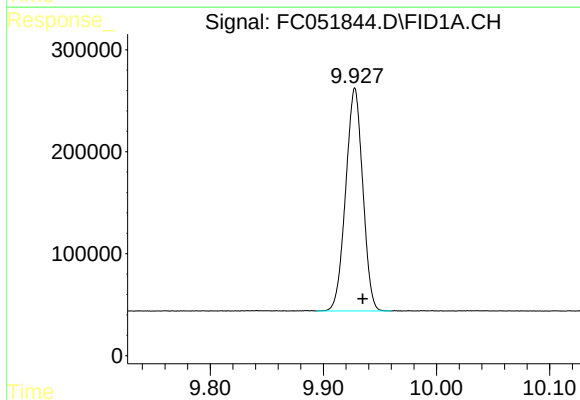
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.162 min
Delta R.T.: -0.006 min
Response: 2605839
Conc: 20.39 ug/ml



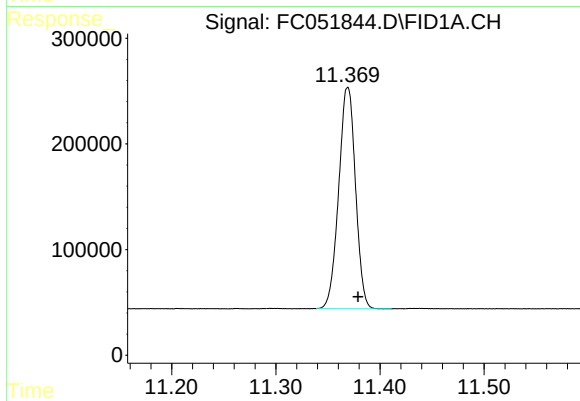
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 2332330
Conc: 20.48 ug/ml



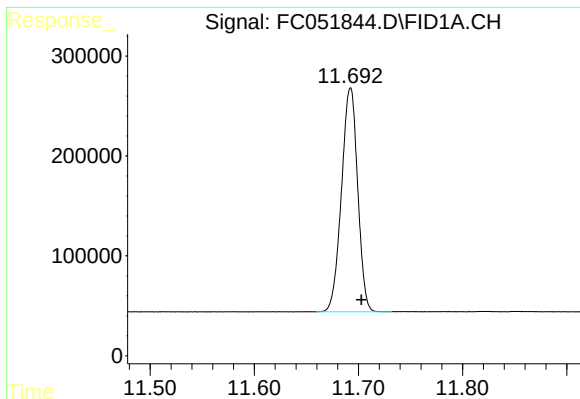
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.007 min
Response: 2291385
Conc: 20.17 ug/ml



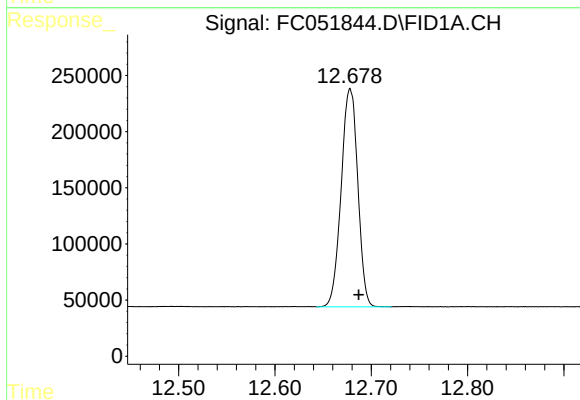
#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.010 min
Response: 2350593
Conc: 19.72 ug/ml



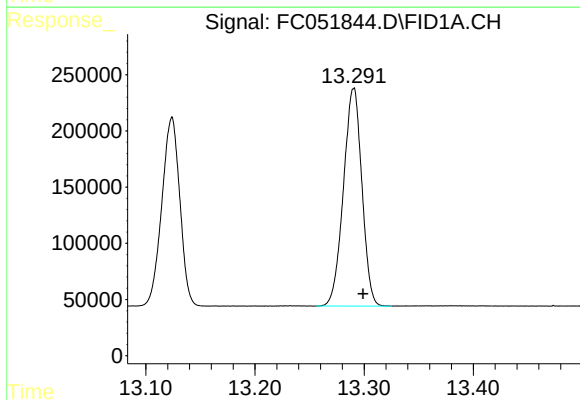
#9 ortho-Terphenyl (SURR)

R.T.: 11.693 min
Delta R.T.: -0.010 min
Response: 2422538
Conc: 18.99 ug/ml



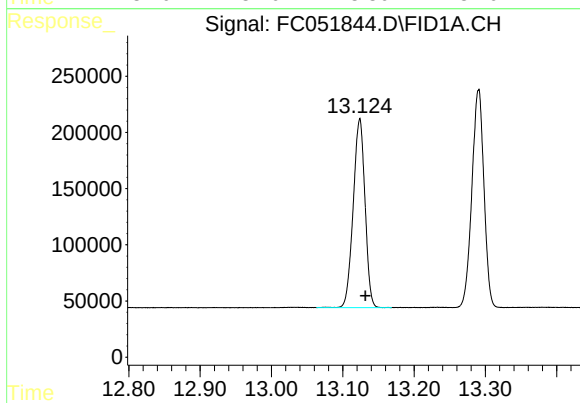
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: -0.009 min
Response: 2315886
Conc: 19.14 ug/ml



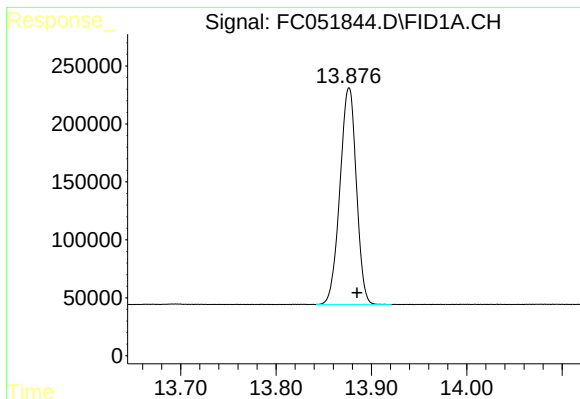
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: -0.008 min
Response: 2278021
Conc: 18.75 ug/ml



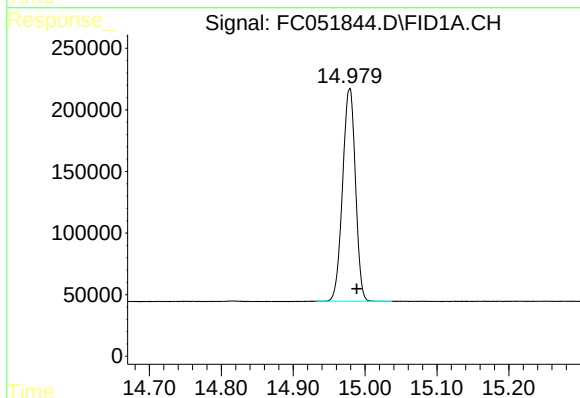
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: -0.008 min
Response: 1930184
Conc: 18.74 ug/ml



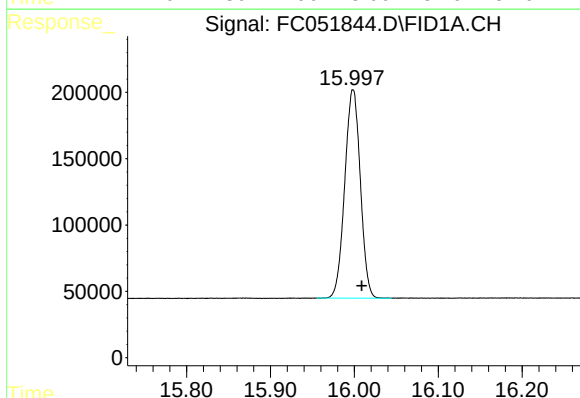
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.008 min
Response: 2240990
Conc: 18.43 ug/ml



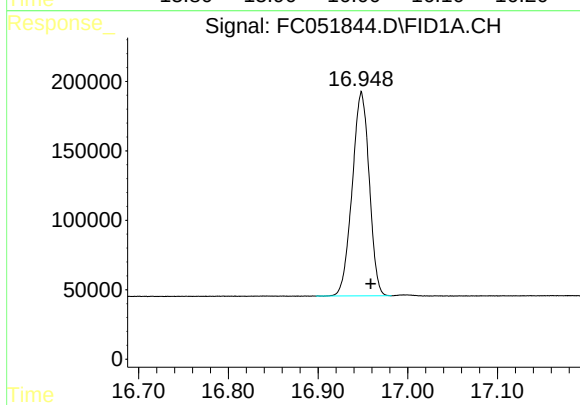
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.010 min
Response: 2147417
Conc: 17.62 ug/ml



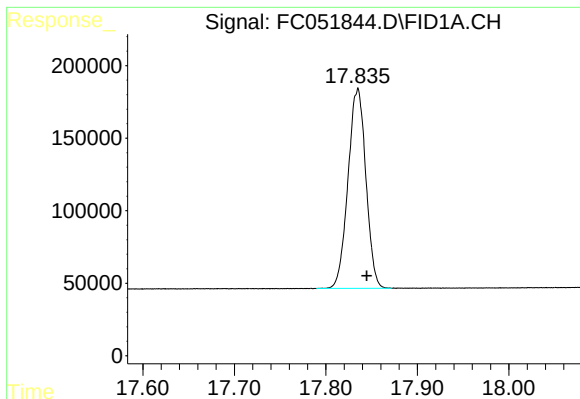
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.011 min
Response: 2029090
Conc: 16.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.010 min
Response: 1935764
Conc: 16.55 ug/ml



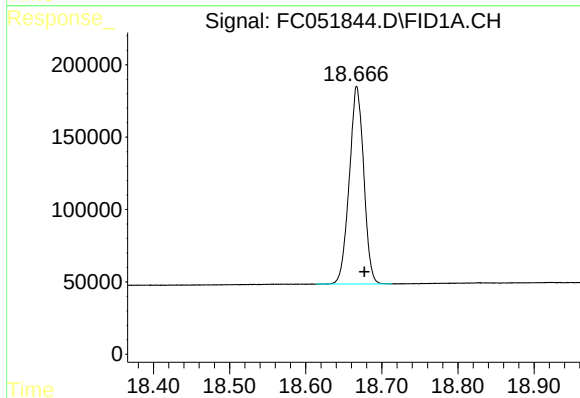
#17 n-Tricontane (C30)

R.T.: 17.835 min

Delta R.T.: -0.010 min

Response: 1866332

Conc: 16.62 ug/ml



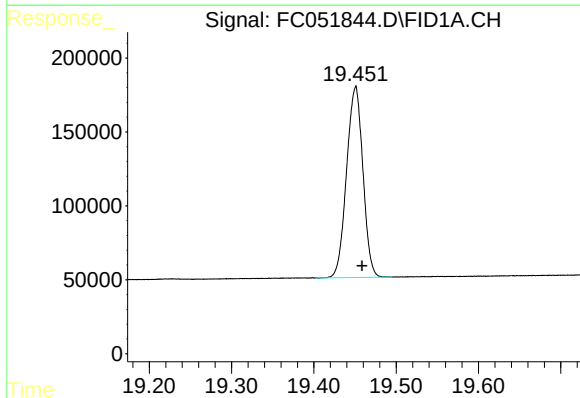
#18 n-Dotriacontane (C32)

R.T.: 18.667 min

Delta R.T.: -0.010 min

Response: 1802951

Conc: 17.42 ug/ml



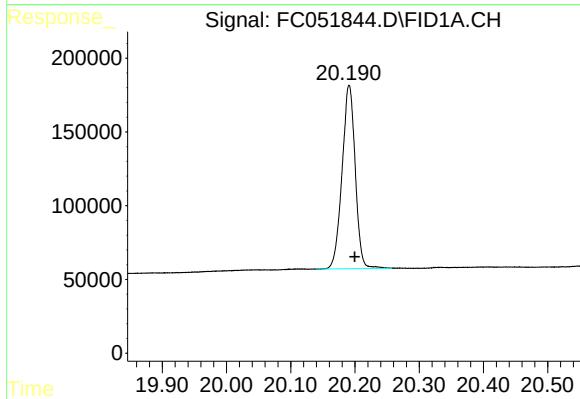
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min

Delta R.T.: -0.008 min

Response: 1779219

Conc: 18.80 ug/ml



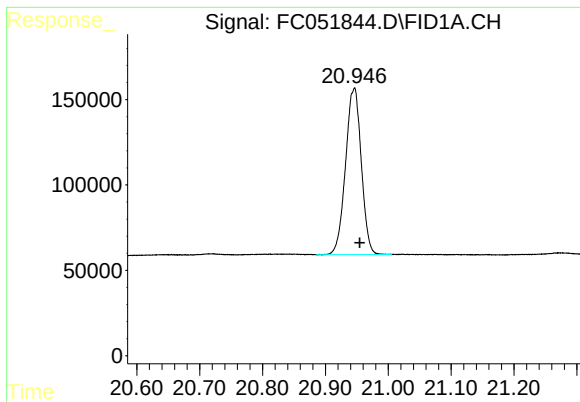
#20 n-Hexatriacontane (C36)

R.T.: 20.191 min

Delta R.T.: -0.009 min

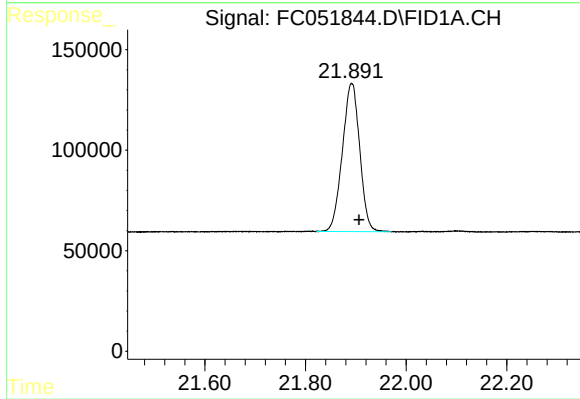
Response: 1770764

Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.008 min
Response: 1694429
Conc: 20.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.015 min
Response: 1763986
Conc: 20.65 ug/ml