

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020123AL\
 Data File : FC062836.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2023 09:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 00:53:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.538	2585858	20.795 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
12) S 1-chlorooctadecane (S...	12.976	1964438	20.828 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
Target Compounds			
1) T n-Nonane (C9)	3.298	2248360	20.804 ug/ml
2) T n-Decane (C10)	4.366	2190087	21.080 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2516579	21.279 ug/ml
4) T n-Dodecane (C12)	6.385	2176828	21.058 ug/ml
5) T A~2-methylnaphthalene...	7.007	2359654	21.566 ug/ml
6) T n-Tetradecane (C14)	8.181	2242344	21.857 ug/ml
7) T n-Hexadecane (C16)	9.783	2284470	21.115 ug/ml
8) T n-Octadecane (C18)	11.225	2322536	20.950 ug/ml
10) T n-Eicosane (C20)	12.533	2272968	20.847 ug/ml
11) T n-Heneicosane (C21)	13.144	2271174	20.866 ug/ml
13) T n-Docosane (C22)	13.729	2244478	20.834 ug/ml
14) T n-Tetracosane (C24)	14.832	2252491	21.032 ug/ml
15) T n-Hexacosane (C26)	15.851	2236079	21.219 ug/ml
16) T n-Octacosane (C28)	16.798	2228452	21.327 ug/ml
17) T n-Tricontane (C30)	17.684	2262312	21.666 ug/ml
18) T n-Dotriacontane (C32)	18.515	2277080	21.081 ug/ml
19) T n-Tetratriacontane (C34)	19.295	2223251	21.152 ug/ml
20) T n-Hexatriacontane (C36)	20.034	2112099	20.973 ug/ml
21) T n-Octatriacontane (C38)	20.762	2094436	20.861 ug/ml
22) T n-Tetracontane (C40)	21.661	2083716	21.619 ug/ml

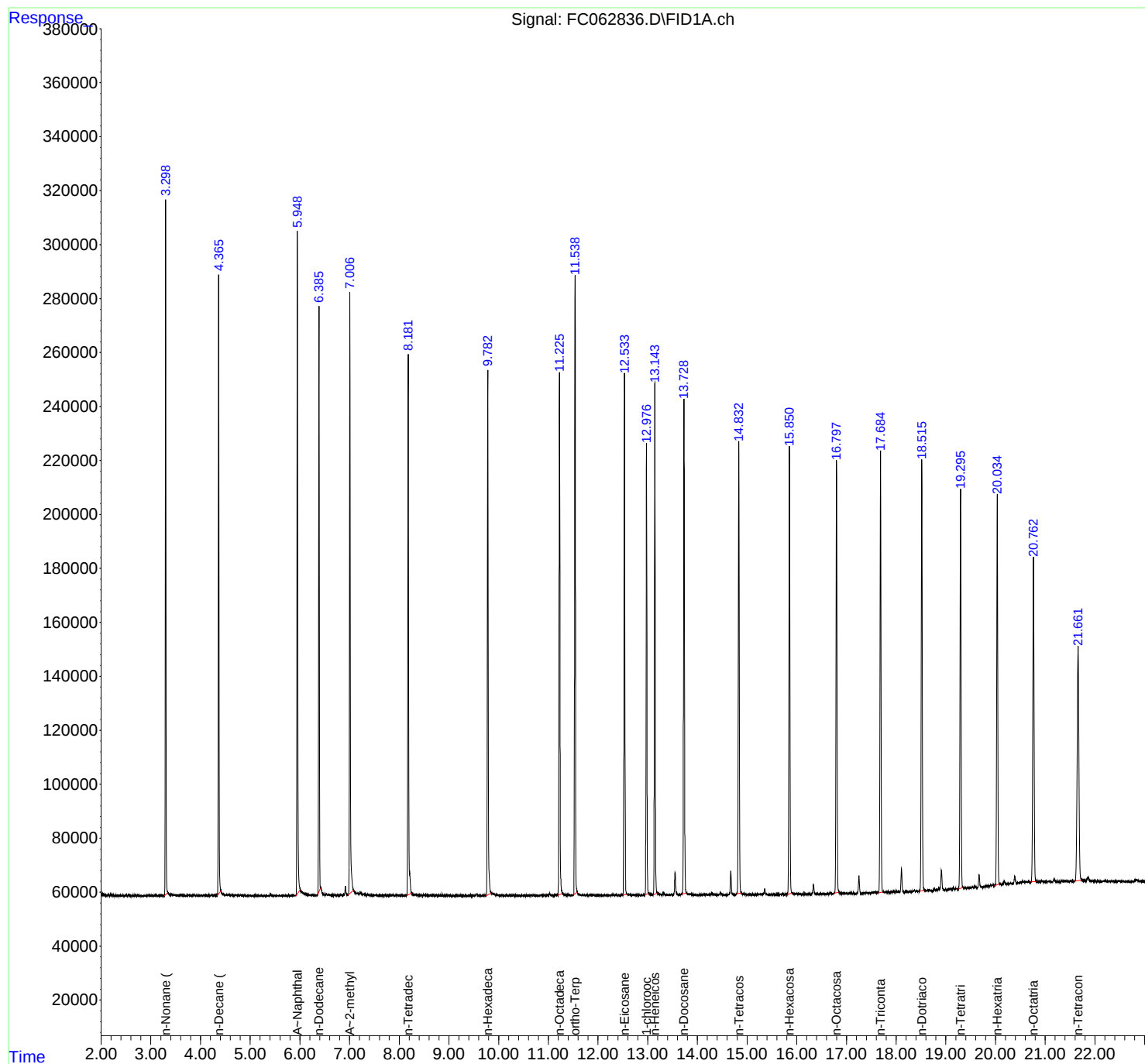
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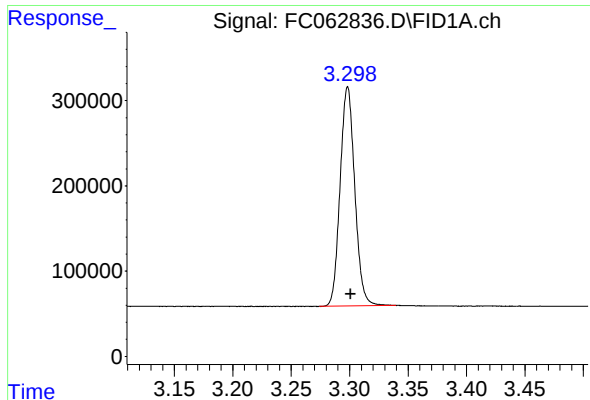
(m)=manual int.

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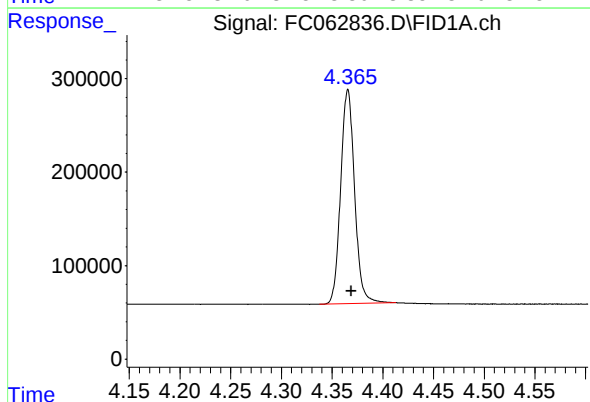
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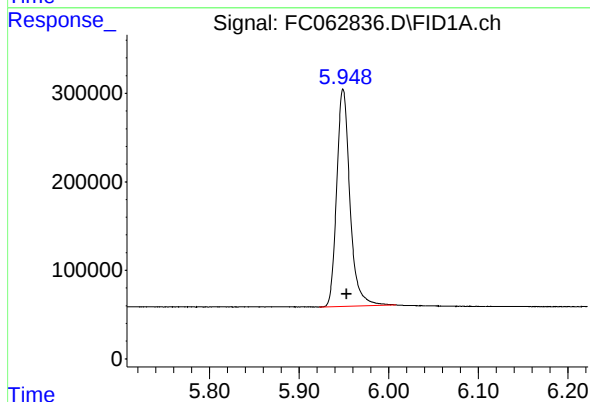
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 2248360
Conc: 20.80 ug/ml



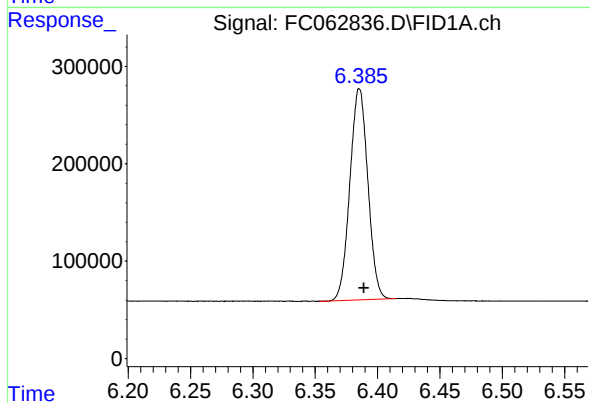
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 2190087
Conc: 21.08 ug/ml



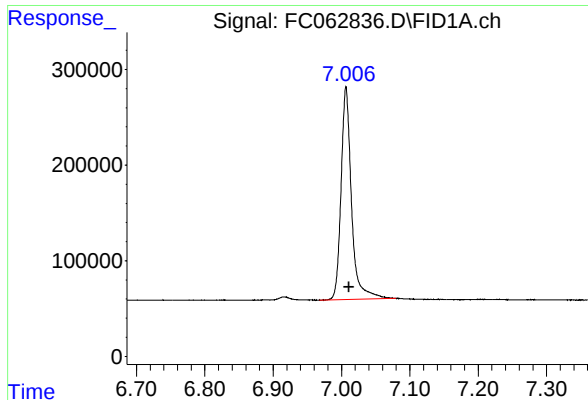
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 2516579
Conc: 21.28 ug/ml



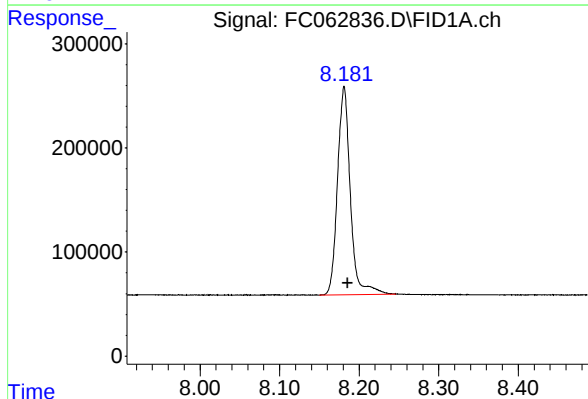
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2176828
Conc: 21.06 ug/ml



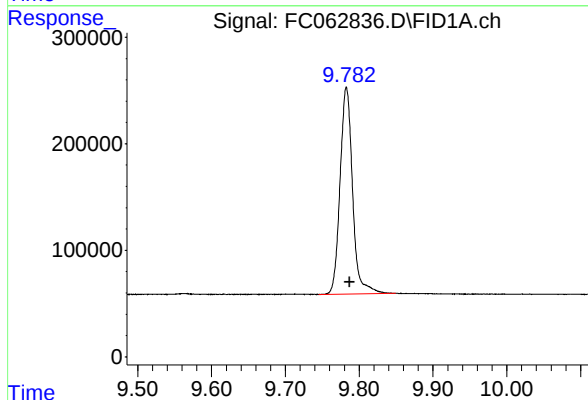
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 2359654
Conc: 21.57 ug/ml



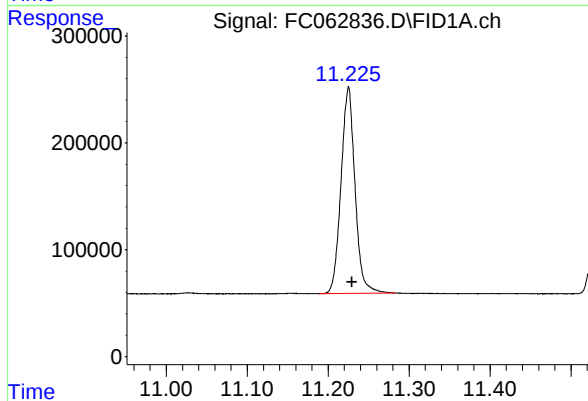
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 2242344
Conc: 21.86 ug/ml



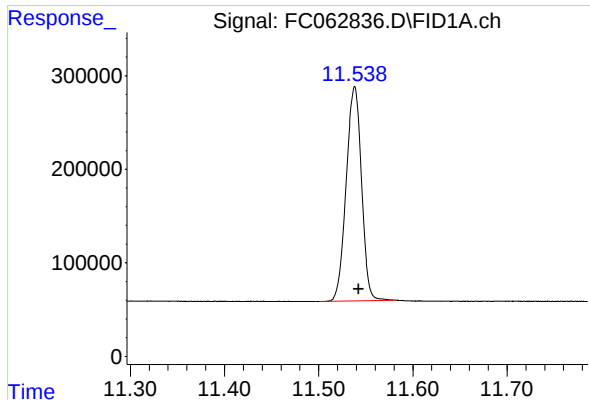
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.004 min
Response: 2284470
Conc: 21.11 ug/ml



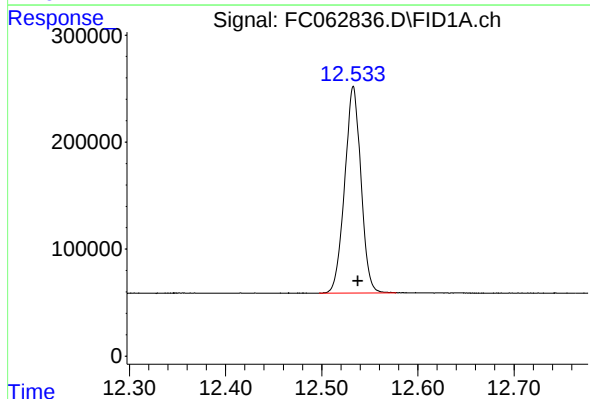
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2322536
Conc: 20.95 ug/ml



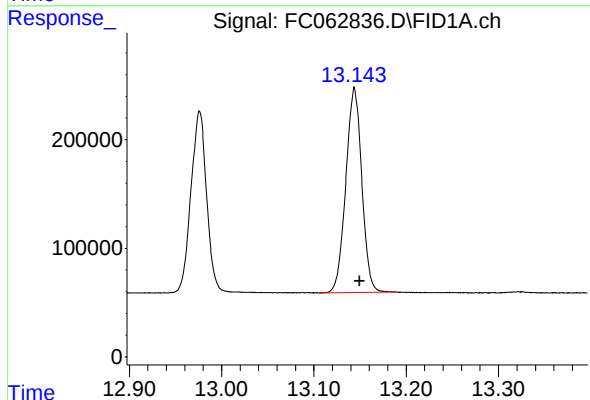
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.004 min
Response: 2585858
Conc: 20.80 ug/ml



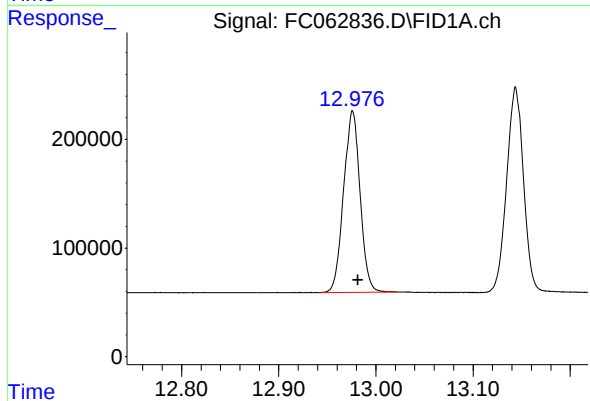
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.005 min
Response: 2272968
Conc: 20.85 ug/ml



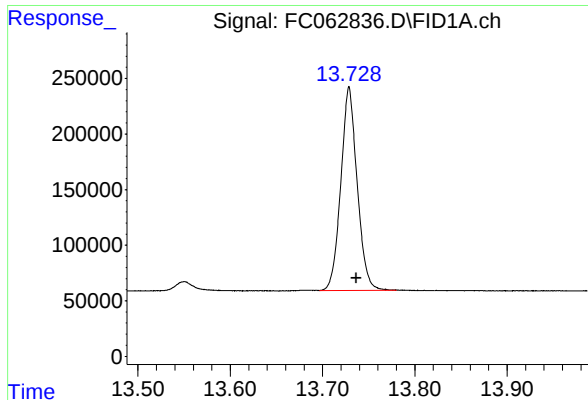
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.006 min
Response: 2271174
Conc: 20.87 ug/ml



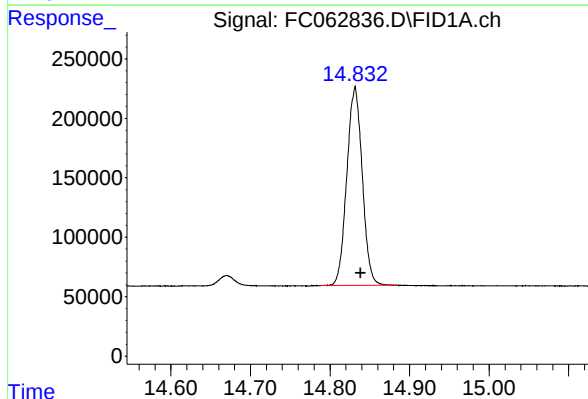
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 1964438
Conc: 20.83 ug/ml



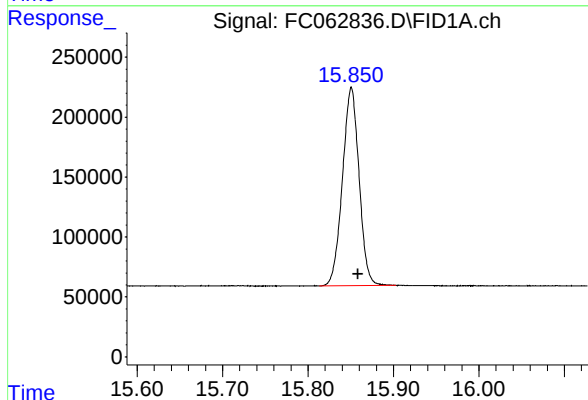
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2244478
Conc: 20.83 ug/ml



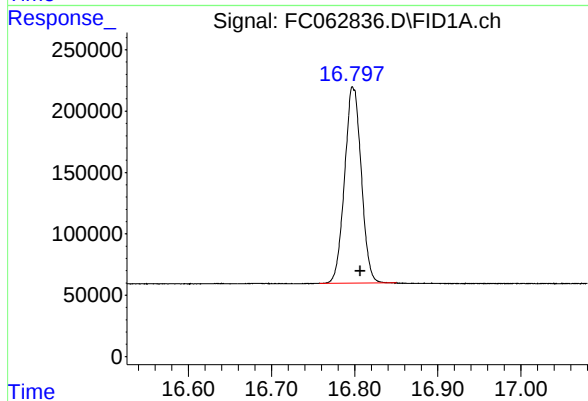
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.007 min
Response: 2252491
Conc: 21.03 ug/ml



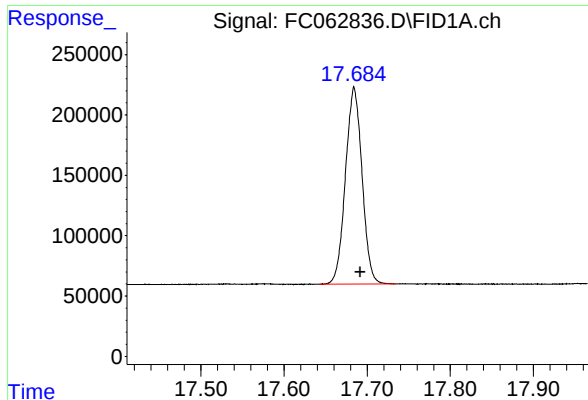
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.008 min
Response: 2236079
Conc: 21.22 ug/ml



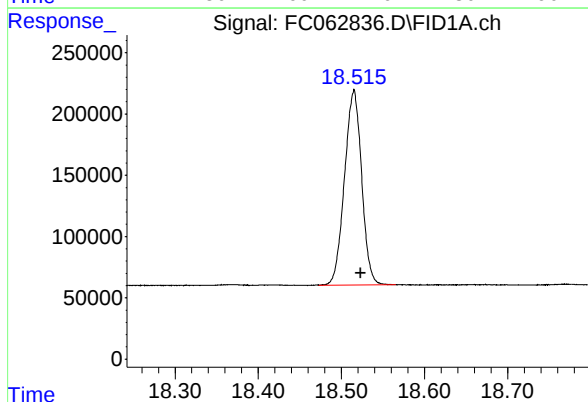
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.009 min
Response: 2228452
Conc: 21.33 ug/ml



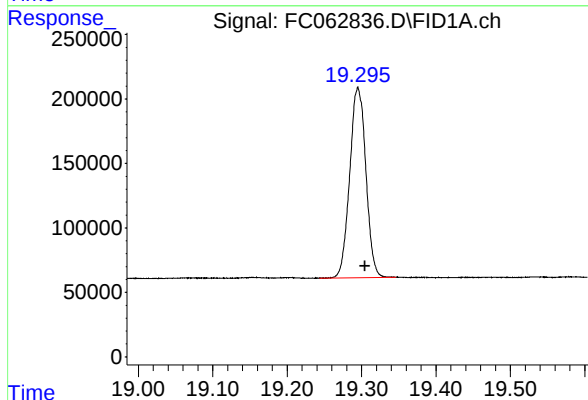
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 2262312
Conc: 21.67 ug/ml



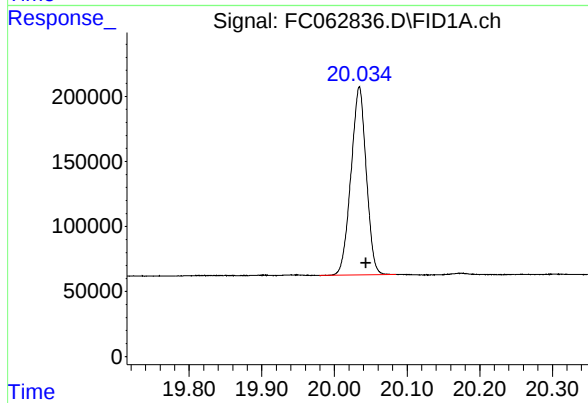
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.008 min
Response: 2277080
Conc: 21.08 ug/ml



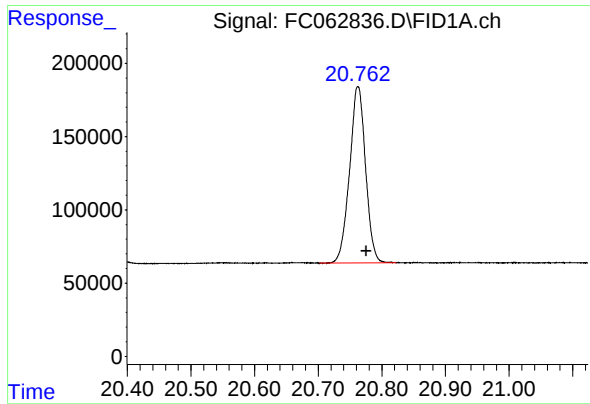
#19 n-Tetratriacontane (C34)

R.T.: 19.295 min
Delta R.T.: -0.009 min
Response: 2223251
Conc: 21.15 ug/ml



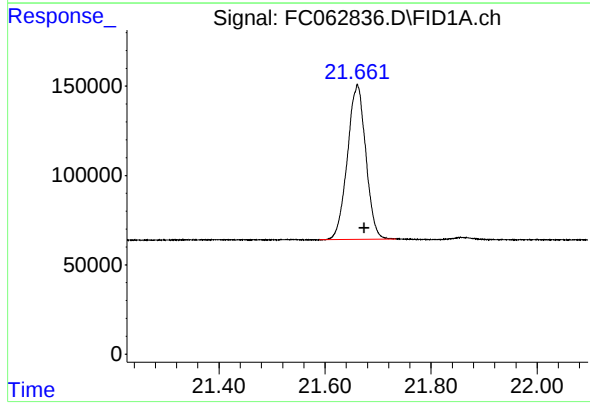
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 2112099
Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.013 min
Response: 2094436
Conc: 20.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.661 min
Delta R.T.: -0.013 min
Response: 2083716
Conc: 21.62 ug/ml