

Data Path : P:\HPCHEM1\FID C\Data\FC020418AL\
 Data File : FC032270.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2018 13:53
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 04 14:21:33 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Aliphatic EPH 011618.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 16 13:50:30 2018
 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)	11.160	2396757	18.657 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.608	1765008	18.895 ug/mlm
Spiked Amount 50.000		Recovery =	37.79%
Target Compounds			
1) T n-Nonane (C9)	3.011	2180396	17.691 ug/ml
2) T n-Decane (C10)	4.059	2264670	18.628 ug/ml
3) T A-Naphthalene (C11.7)	5.611	2379731	18.455 ug/ml
4) T n-Dodecane (C12)	6.060	2306451	18.977 ug/ml
5) T A-2-methylnaphthalene...	6.660	2376771	18.928 ug/ml
6) T n-Tetradecane (C14)	7.843	2300848	18.966 ug/ml
7) T n-Hexadecane (C16)	9.434	2286142	19.019 ug/ml
8) T n-Octadecane (C18)	10.868	2258596	19.196 ug/ml
10) T n-Eicosane (C20)	12.171	2260867	19.154 ug/ml
11) T n-Heneicosane (C21)	12.780	2226769	19.036 ug/ml
13) T n-Docosane (C22)	13.365	2218700	18.998 ug/mlm
14) T n-Tetracosane (C24)	14.464	2196749	19.172 ug/ml
15) T n-Hexacosane (C26)	15.481	2278390	19.998 ug/ml
16) T n-Octacosane (C28)	16.427	2350503	20.426 ug/ml
17) T n-Tricontane (C30)	17.313	2331813	20.894 ug/mlm
18) T n-Dotriacontane (C32)	18.144	2302742	21.014 ug/mlm
19) T n-Tetratriacontane (C34)	18.925	2142220	20.718 ug/mlm
20) T n-Hexatriacontane (C36)	19.665	1896312	19.665 ug/mlm
21) T n-Octatriacontane (C38)	20.365	1713043	18.609 ug/mlm
22) T n-Tetracontane (C40)	21.128	1370781	15.467 ug/mlm

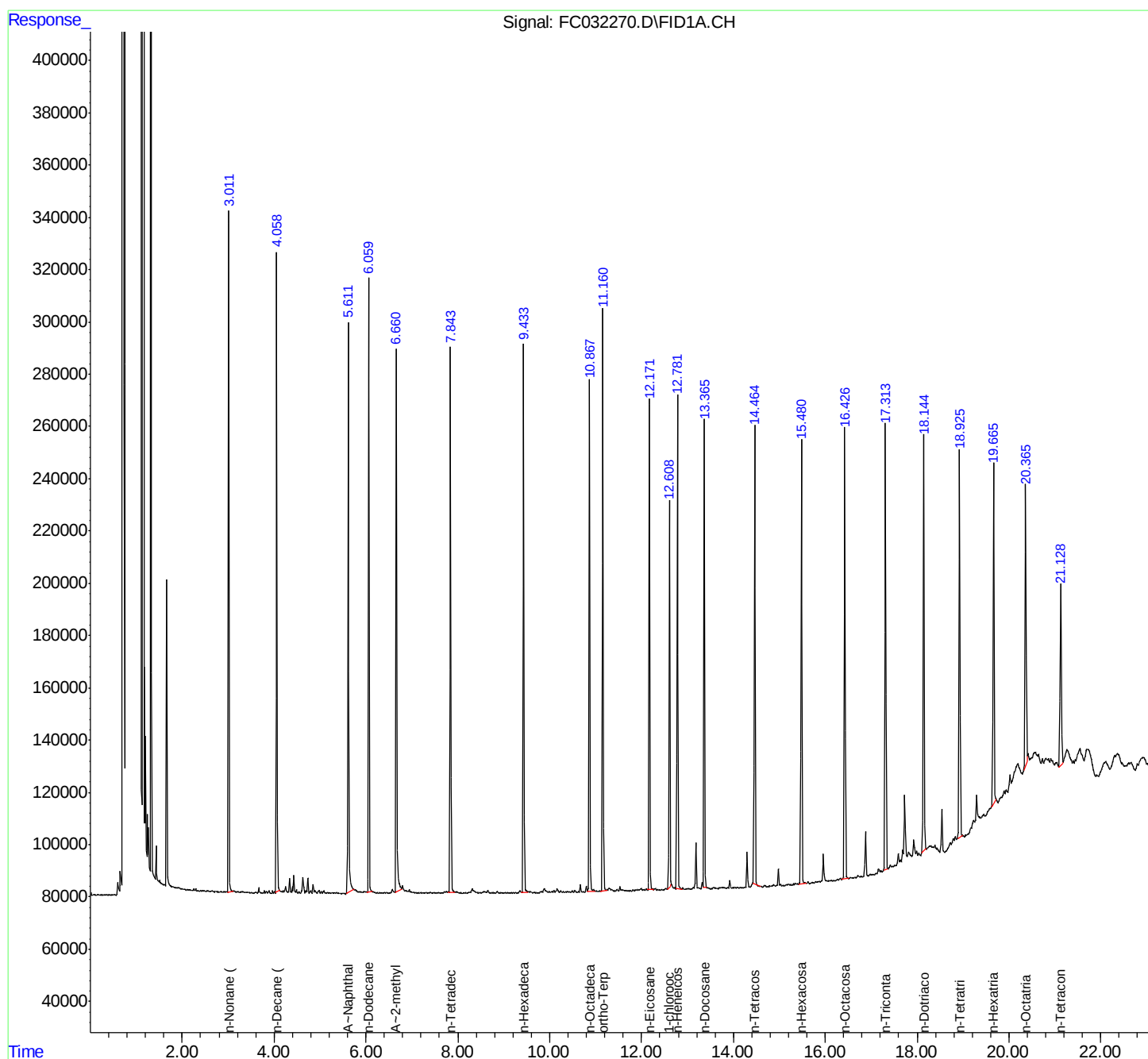
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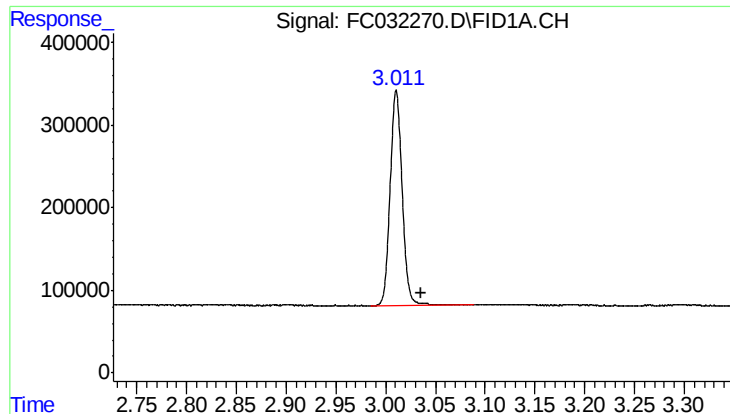
(m)=manual int.

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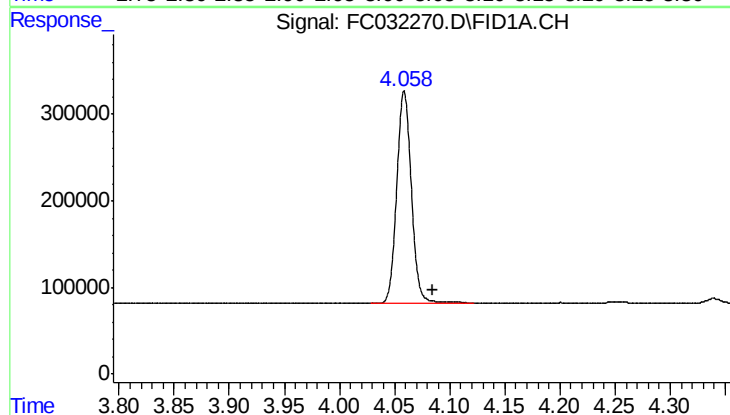
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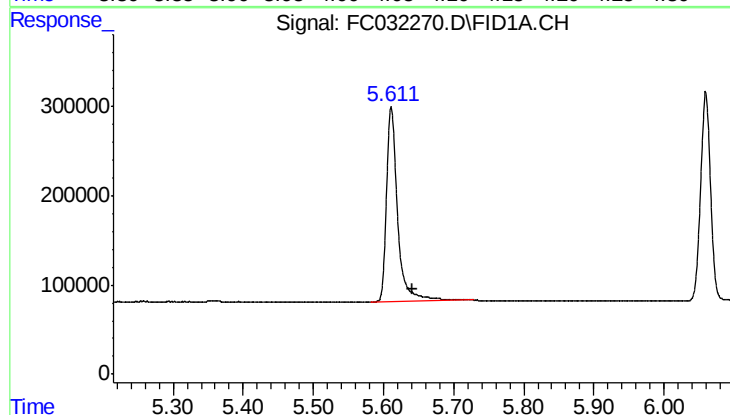
#1 n-Nonane (C9)

R.T.: 3.011 min
Delta R.T.: -0.024 min
Response: 2180396
Conc: 17.69 ug/ml



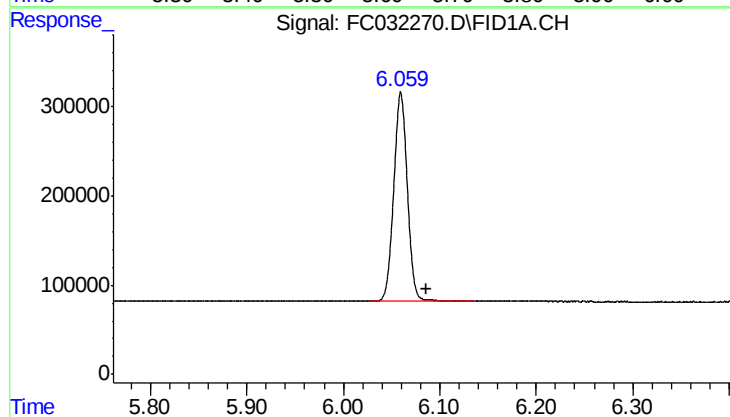
#2 n-Decane (C10)

R.T.: 4.059 min
Delta R.T.: -0.026 min
Response: 2264670
Conc: 18.63 ug/ml



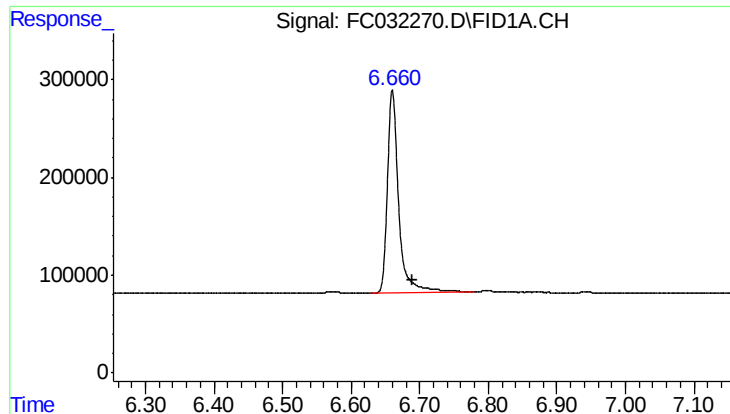
#3 A-Naphthalene (C11.7)

R.T.: 5.611 min
Delta R.T.: -0.029 min
Response: 2379731
Conc: 18.46 ug/ml



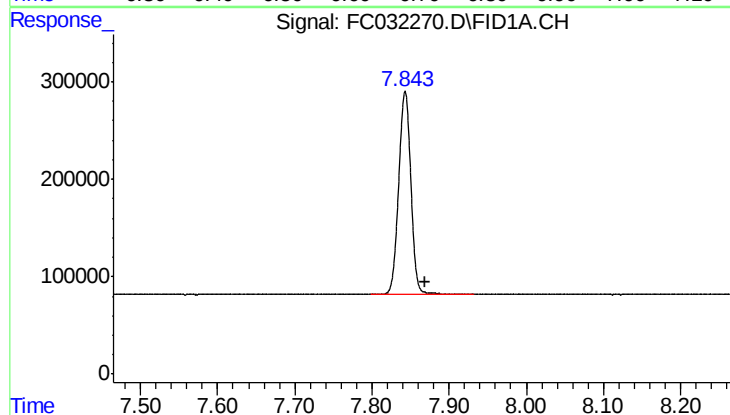
#4 n-Dodecane (C12)

R.T.: 6.060 min
Delta R.T.: -0.026 min
Response: 2306451
Conc: 18.98 ug/ml



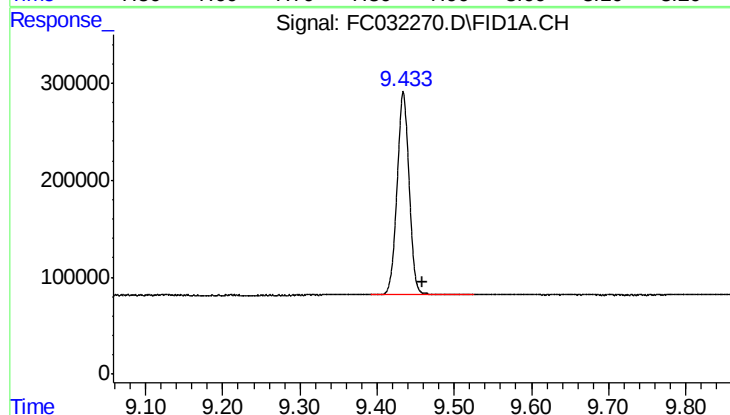
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.660 min
Delta R.T.: -0.029 min
Response: 2376771
Conc: 18.93 ug/ml



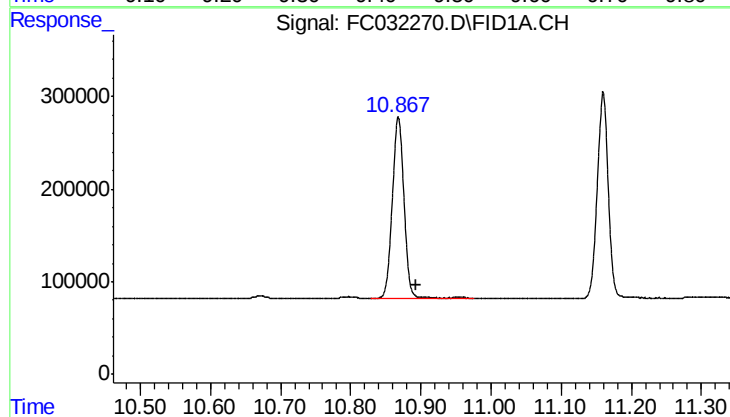
#6 n-Tetradecane (C14)

R.T.: 7.843 min
Delta R.T.: -0.025 min
Response: 2300848
Conc: 18.97 ug/ml



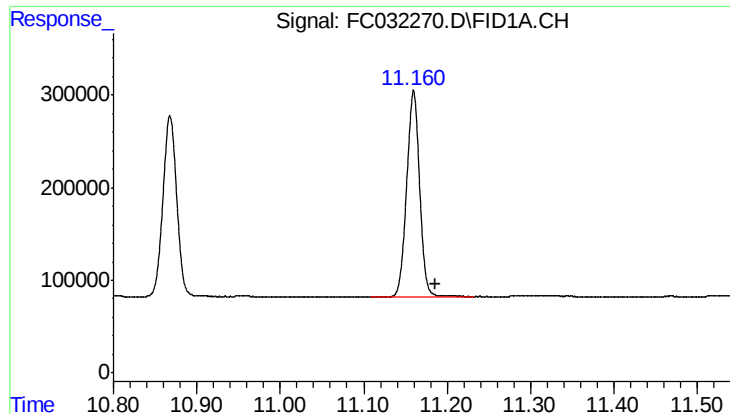
#7 n-Hexadecane (C16)

R.T.: 9.434 min
Delta R.T.: -0.025 min
Response: 2286142
Conc: 19.02 ug/ml



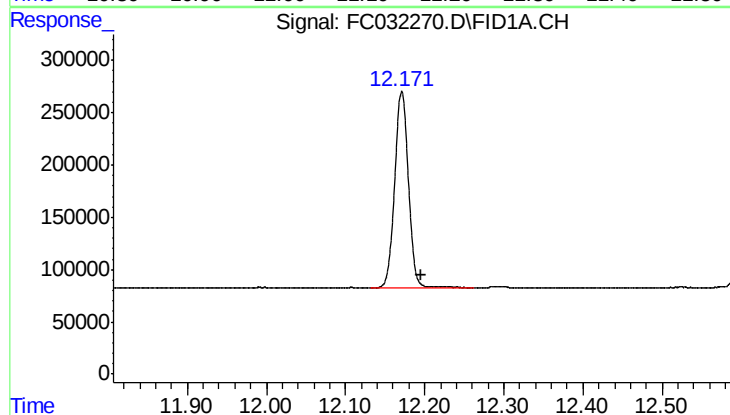
#8 n-Octadecane (C18)

R.T.: 10.868 min
Delta R.T.: -0.025 min
Response: 2258596
Conc: 19.20 ug/ml



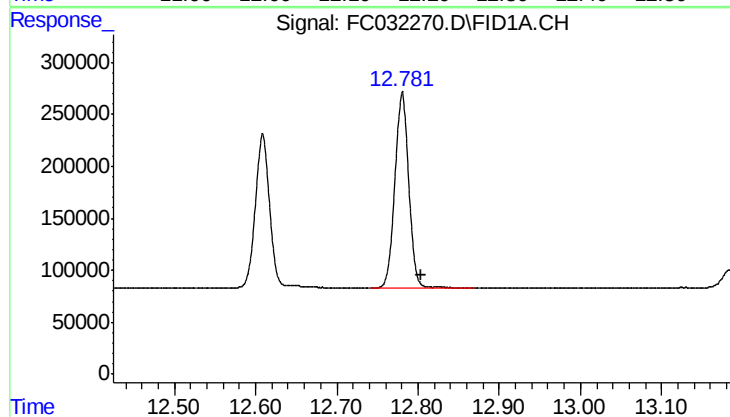
#9 ortho-Terphenyl (SURR)

R.T.: 11.160 min
Delta R.T.: -0.026 min
Response: 2396757
Conc: 18.66 ug/ml



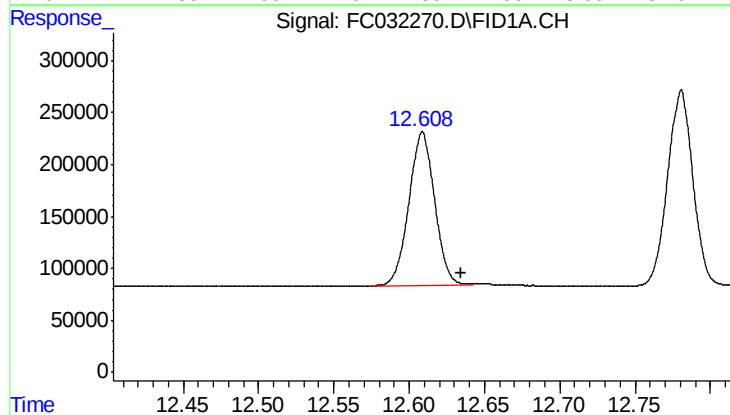
#10 n-Eicosane (C20)

R.T.: 12.171 min
Delta R.T.: -0.024 min
Response: 2260867
Conc: 19.15 ug/ml



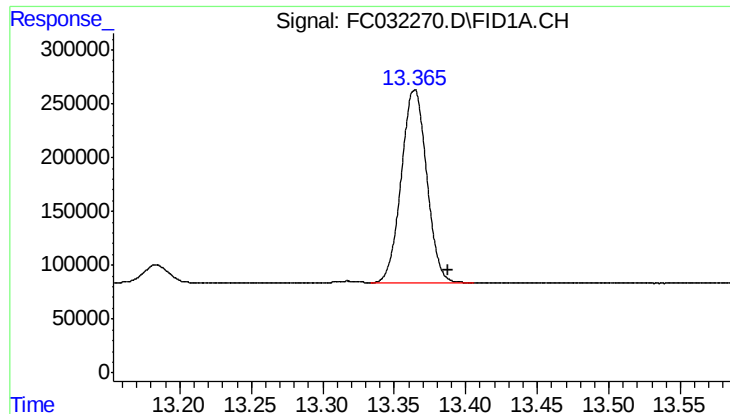
#11 n-Heneicosane (C21)

R.T.: 12.780 min
Delta R.T.: -0.024 min
Response: 2226769
Conc: 19.04 ug/ml



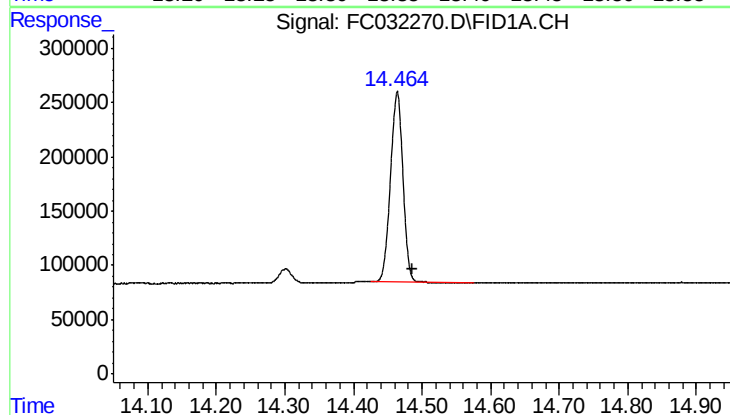
#12 1-chlorooctadecane (SURR)

R.T.: 12.608 min
Delta R.T.: -0.026 min
Response: 1765008
Conc: 18.90 ug/ml m



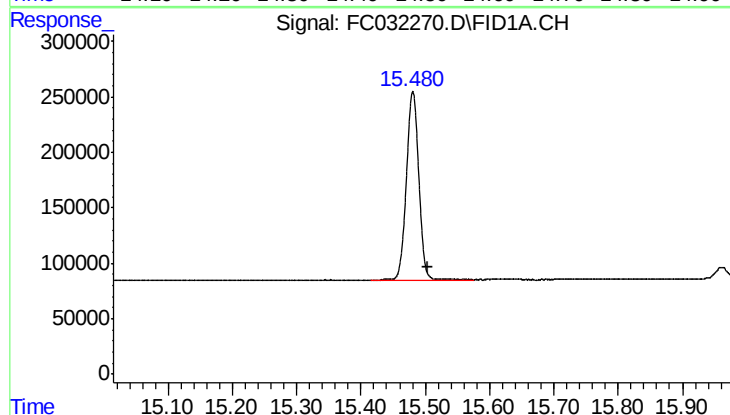
#13 n-Docosane (C22)

R.T.: 13.365 min
Delta R.T.: -0.023 min
Response: 2218700
Conc: 19.00 ug/ml m



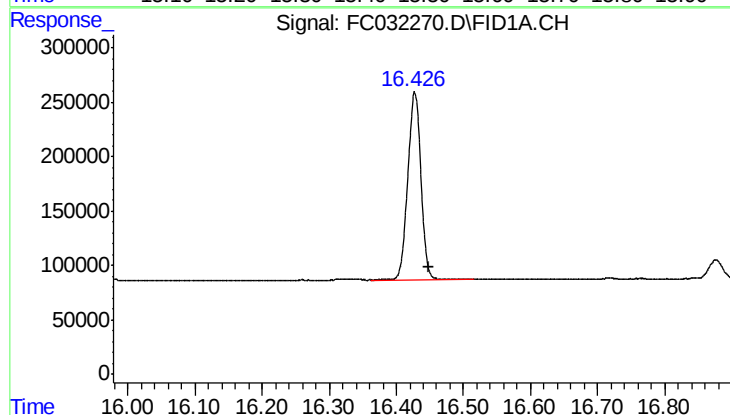
#14 n-Tetracosane (C24)

R.T.: 14.464 min
Delta R.T.: -0.022 min
Response: 2196749
Conc: 19.17 ug/ml



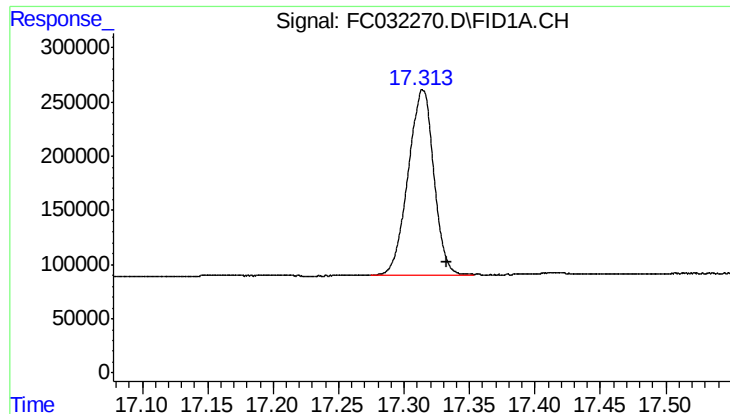
#15 n-Hexacosane (C26)

R.T.: 15.481 min
Delta R.T.: -0.022 min
Response: 2278390
Conc: 20.00 ug/ml



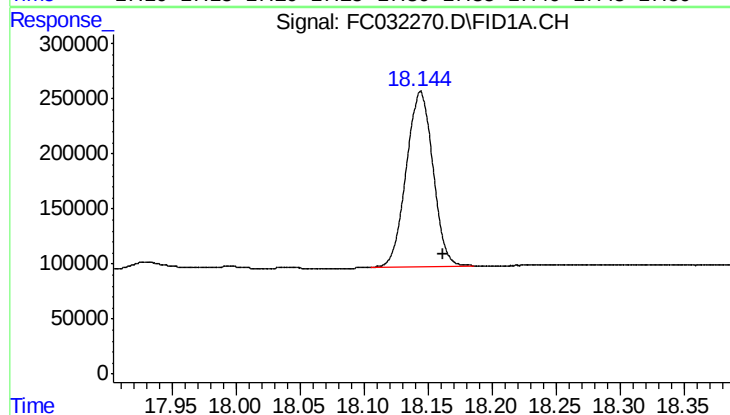
#16 n-Octacosane (C28)

R.T.: 16.427 min
Delta R.T.: -0.020 min
Response: 2350503
Conc: 20.43 ug/ml



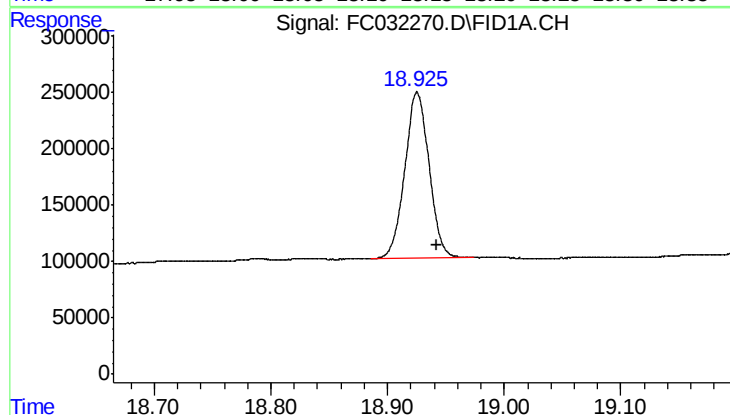
#17 n-Tricontane (C30)

R.T.: 17.313 min
Delta R.T.: -0.019 min
Response: 2331813
Conc: 20.89 ug/ml m



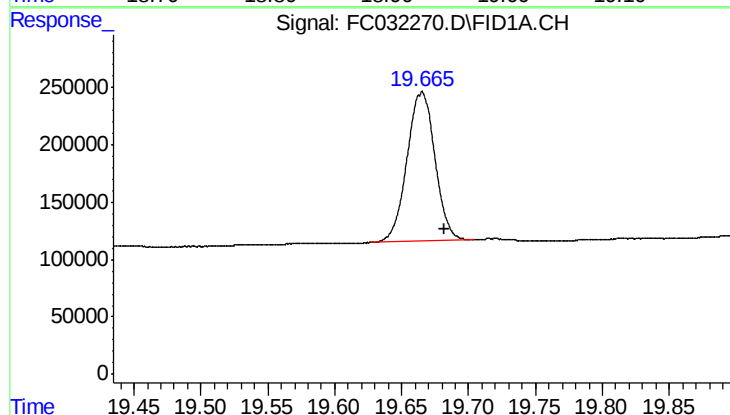
#18 n-Dotriacontane (C32)

R.T.: 18.144 min
Delta R.T.: -0.018 min
Response: 2302742
Conc: 21.01 ug/ml m



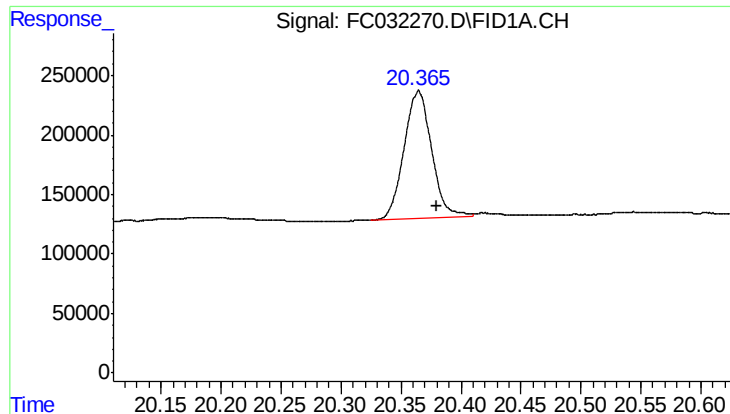
#19 n-Tetratriacontane (C34)

R.T.: 18.925 min
Delta R.T.: -0.018 min
Response: 2142220
Conc: 20.72 ug/ml m



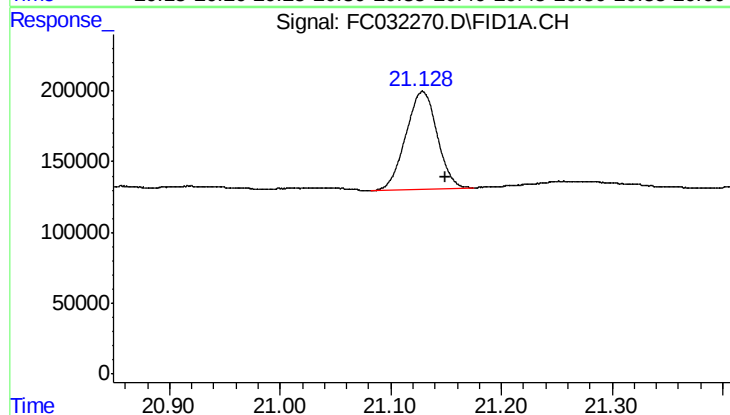
#20 n-Hexatriacontane (C36)

R.T.: 19.665 min
Delta R.T.: -0.016 min
Response: 1896312
Conc: 19.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.365 min
Delta R.T.: -0.015 min
Response: 1713043
Conc: 18.61 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.128 min
Delta R.T.: -0.021 min
Response: 1370781
Conc: 15.47 ug/ml m