

Data Path : P:\HPCHEM1\FID C\Data\FC012918AL\
 Data File : FC032112.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jan 2018 9:15
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 11:11:15 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Alaphatic 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)	11.171	2407671	18.742 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	12.621	1793044	19.196 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.020	2265314	18.380 ug/ml
2) T n-Decane (C10)	4.069	2316540	19.054 ug/ml
3) T A-Naphthalene (C11.7)	5.622	2408995	18.682 ug/ml
4) T n-Dodecane (C12)	6.070	2343778	19.284 ug/ml
5) T A-2-methylnaphthalene...	6.671	2387914	19.016 ug/ml
6) T n-Tetradecane (C14)	7.854	2306383	19.012 ug/ml
7) T n-Hexadecane (C16)	9.445	2274293	18.921 ug/ml
8) T n-Octadecane (C18)	10.879	2217880	18.850 ug/ml
10) T n-Eicosane (C20)	12.183	2238955	18.968 ug/ml
11) T n-Heneicosane (C21)	12.792	2212106	18.911 ug/ml
13) T n-Docosane (C22)	13.376	2252692	19.289 ug/ml
14) T n-Tetracosane (C24)	14.475	2244804	19.591 ug/ml
15) T n-Hexacosane (C26)	15.492	2246614	19.719 ug/ml
16) T n-Octacosane (C28)	16.440	2313614	20.106 ug/ml
17) T n-Tricontane (C30)	17.325	2303683	20.642 ug/ml
18) T n-Dotriacontane (C32)	18.156	2287353	20.873 ug/ml
19) T n-Tetratriacontane (C34)	18.938	2136280	20.660 ug/ml
20) T n-Hexatriacontane (C36)	19.677	1904611	19.751 ug/ml
21) T n-Octatriacontane (C38)	20.377	1898537	20.624 ug/ml
22) T n-Tetracontane (C40)	21.143	1562087	17.625 ug/ml

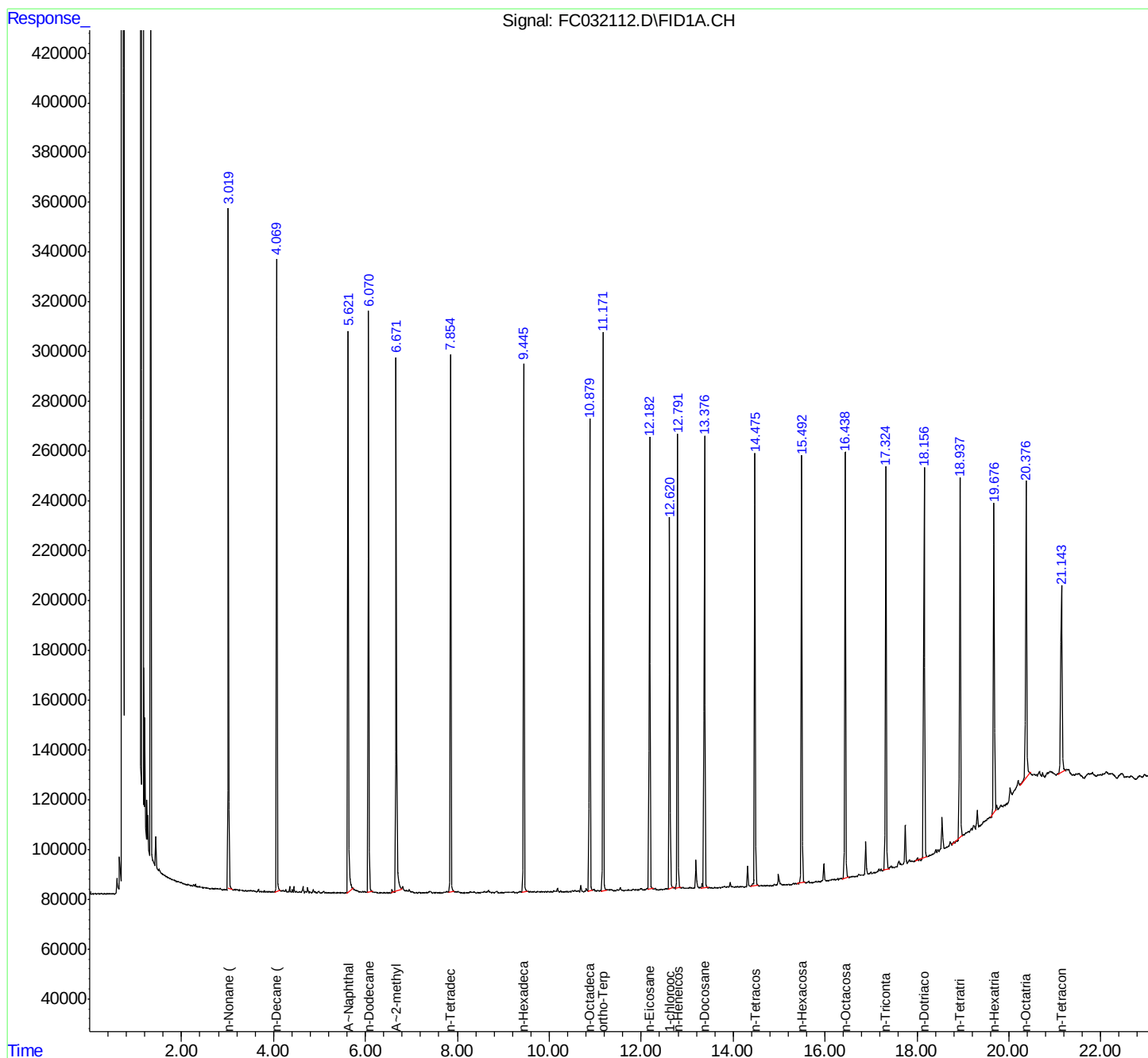
(f)=RT Delta > 1/2 Window

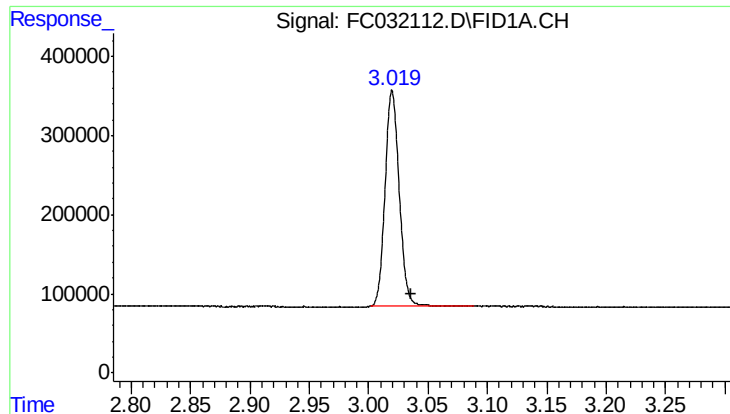
(m)=manual int.

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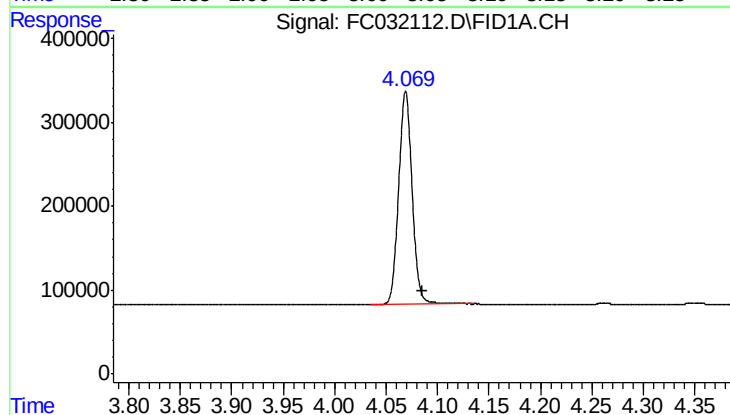
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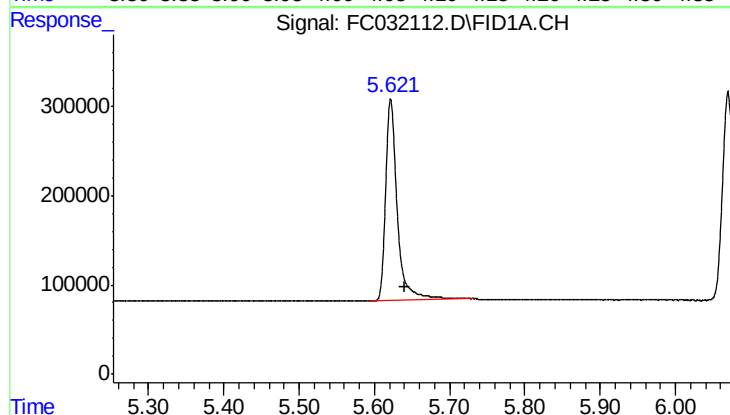
#1 n-Nonane (C9)

R.T.: 3.020 min
Delta R.T.: -0.015 min
Response: 2265314
Conc: 18.38 ug/ml



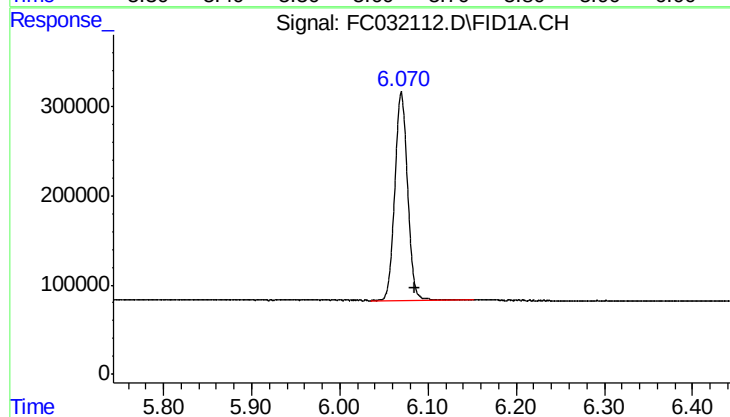
#2 n-Decane (C10)

R.T.: 4.069 min
Delta R.T.: -0.016 min
Response: 2316540
Conc: 19.05 ug/ml



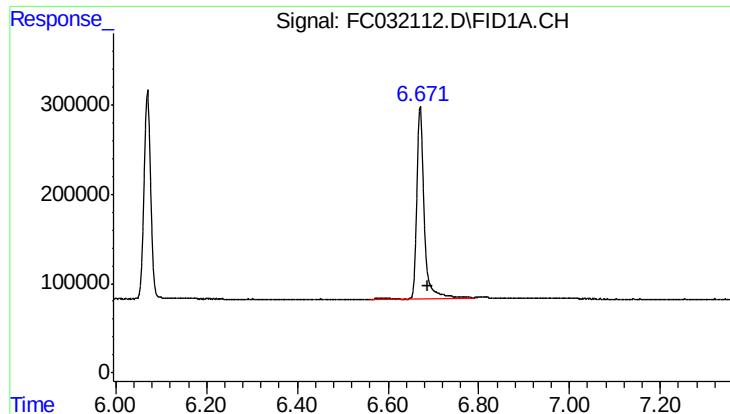
#3 A-Naphthalene (C11.7)

R.T.: 5.622 min
Delta R.T.: -0.019 min
Response: 2408995
Conc: 18.68 ug/ml



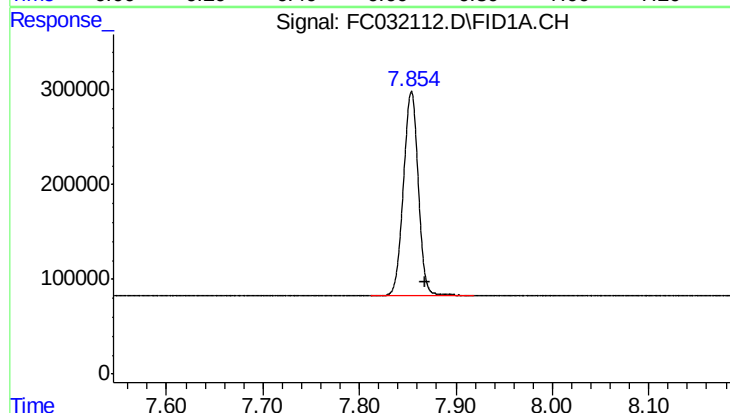
#4 n-Dodecane (C12)

R.T.: 6.070 min
Delta R.T.: -0.016 min
Response: 2343778
Conc: 19.28 ug/ml



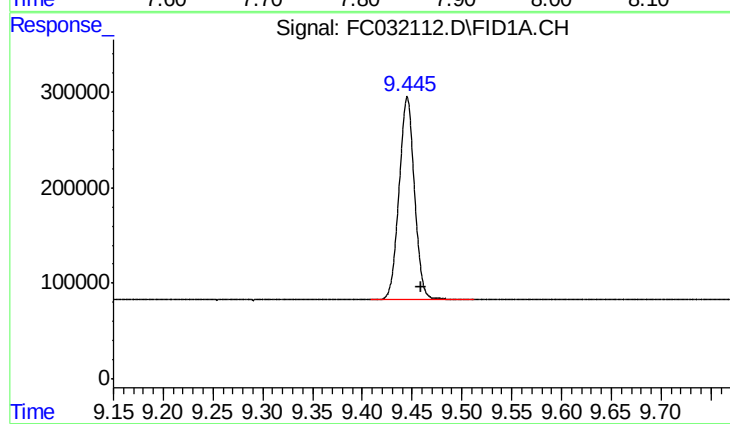
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.671 min
Delta R.T.: -0.018 min
Response: 2387914
Conc: 19.02 ug/ml



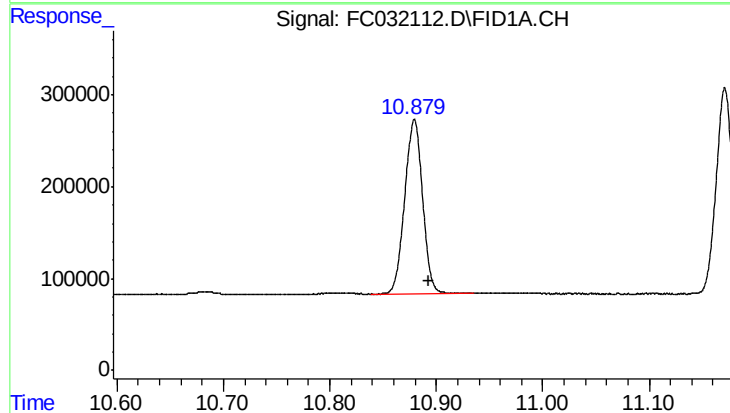
#6 n-Tetradecane (C14)

R.T.: 7.854 min
Delta R.T.: -0.014 min
Response: 2306383
Conc: 19.01 ug/ml



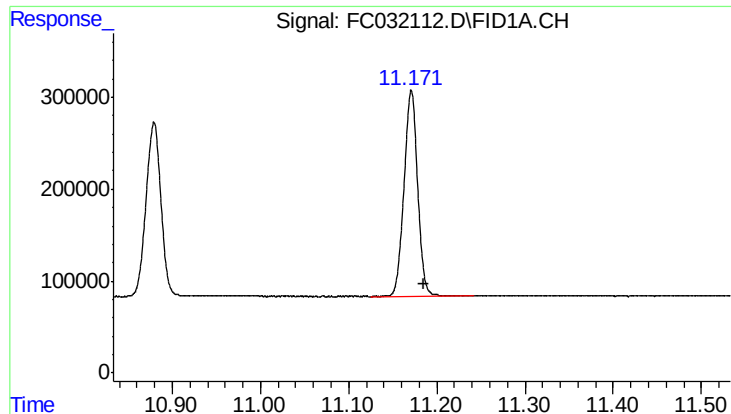
#7 n-Hexadecane (C16)

R.T.: 9.445 min
Delta R.T.: -0.014 min
Response: 2274293
Conc: 18.92 ug/ml



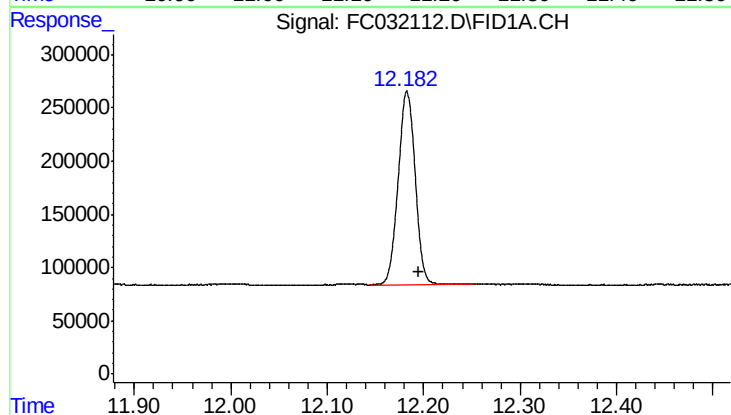
#8 n-Octadecane (C18)

R.T.: 10.879 min
Delta R.T.: -0.014 min
Response: 2217880
Conc: 18.85 ug/ml



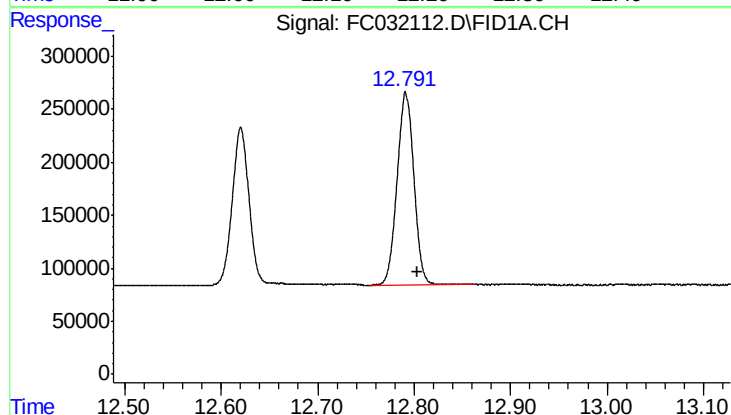
#9 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.014 min
Response: 2407671
Conc: 18.74 ug/ml



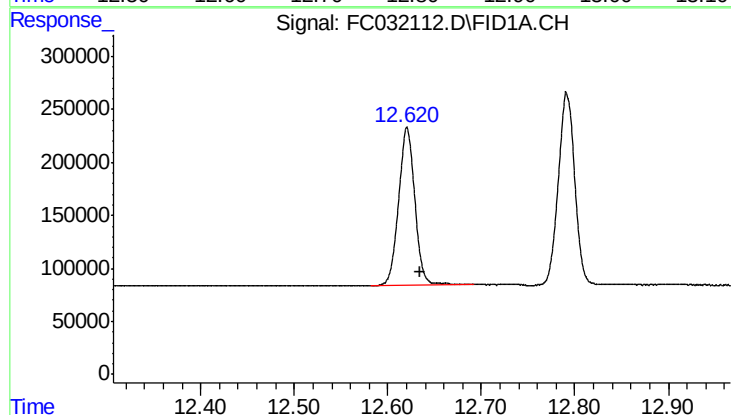
#10 n-Eicosane (C20)

R.T.: 12.183 min
Delta R.T.: -0.013 min
Response: 2238955
Conc: 18.97 ug/ml



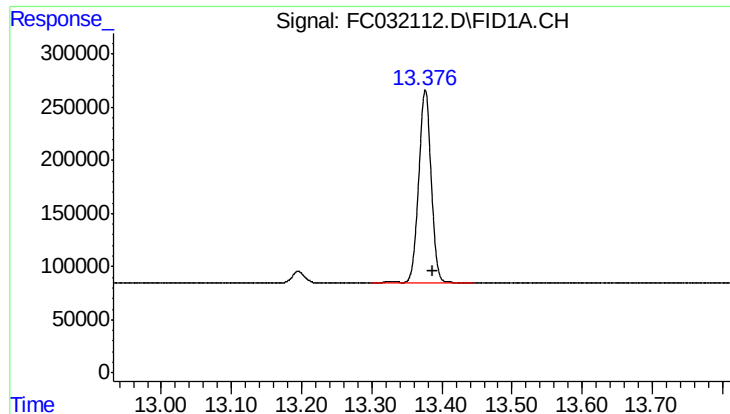
#11 n-Heneicosane (C21)

R.T.: 12.792 min
Delta R.T.: -0.012 min
Response: 2212106
Conc: 18.91 ug/ml



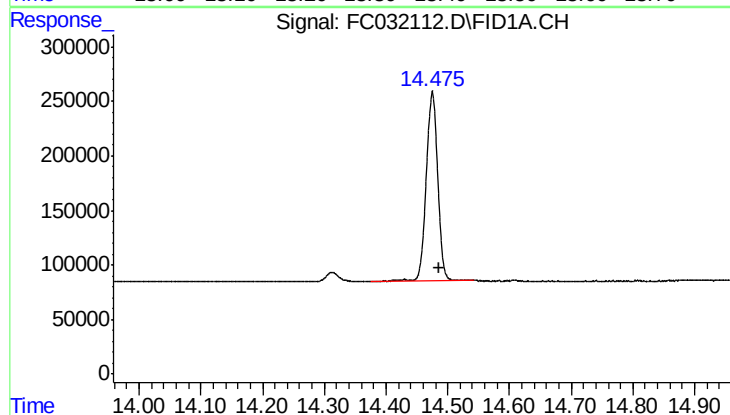
#12 1-chlorooctadecane (SURR)

R.T.: 12.621 min
Delta R.T.: -0.014 min
Response: 1793044
Conc: 19.20 ug/ml



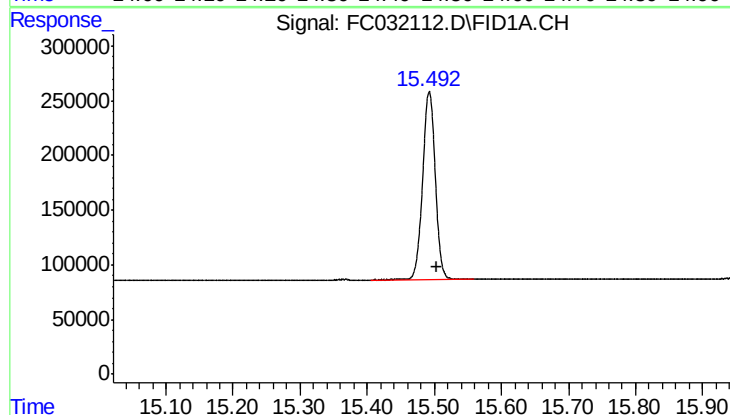
#13 n-Docosane (C22)

R.T.: 13.376 min
Delta R.T.: -0.012 min
Response: 2252692
Conc: 19.29 ug/ml



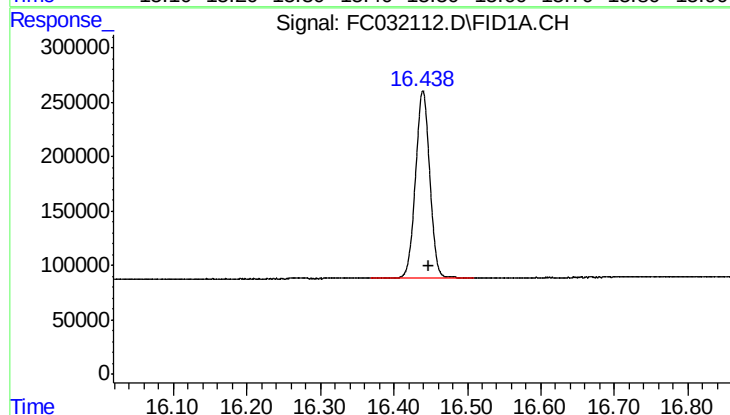
#14 n-Tetracosane (C24)

R.T.: 14.475 min
Delta R.T.: -0.010 min
Response: 2244804
Conc: 19.59 ug/ml



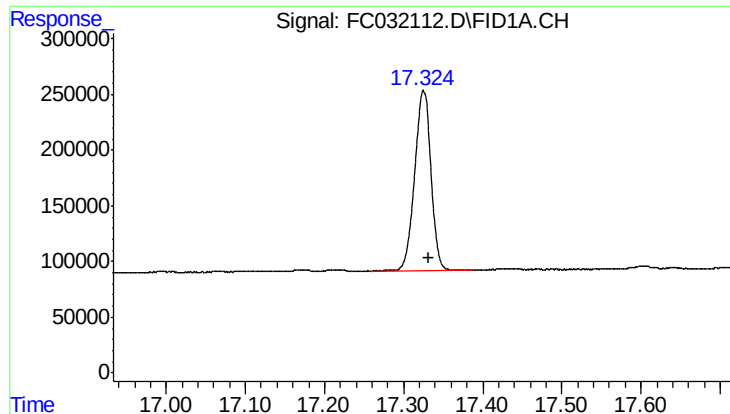
#15 n-Hexacosane (C26)

R.T.: 15.492 min
Delta R.T.: -0.010 min
Response: 2246614
Conc: 19.72 ug/ml



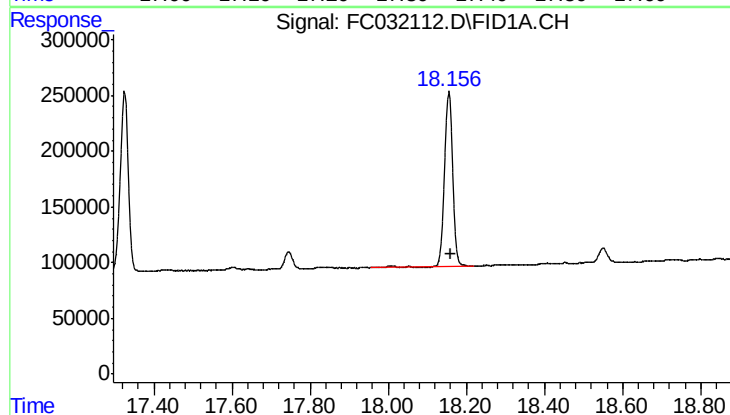
#16 n-Octacosane (C28)

R.T.: 16.440 min
Delta R.T.: -0.008 min
Response: 2313614
Conc: 20.11 ug/ml



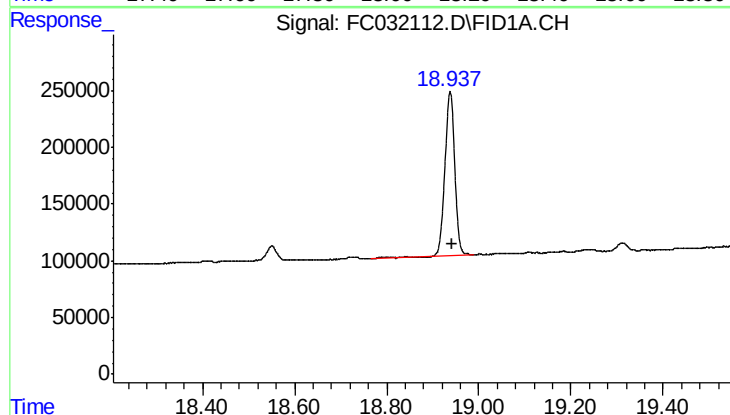
#17 n-Tricontane (C30)

R.T.: 17.325 min
Delta R.T.: -0.007 min
Response: 2303683
Conc: 20.64 ug/ml



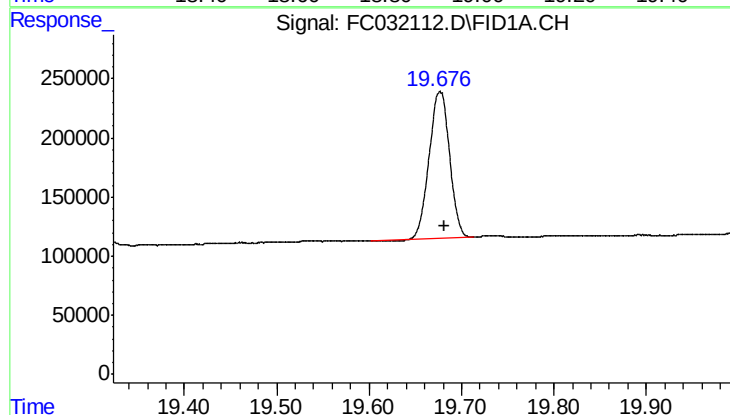
#18 n-Dotriacontane (C32)

R.T.: 18.156 min
Delta R.T.: -0.006 min
Response: 2287353
Conc: 20.87 ug/ml



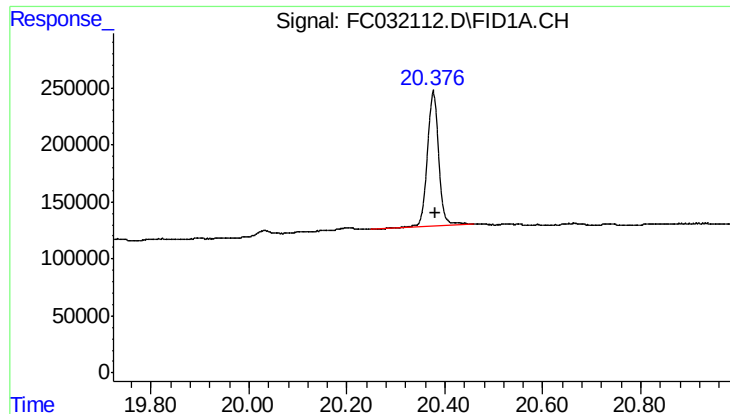
#19 n-Tetratriacontane (C34)

R.T.: 18.938 min
Delta R.T.: -0.005 min
Response: 2136280
Conc: 20.66 ug/ml



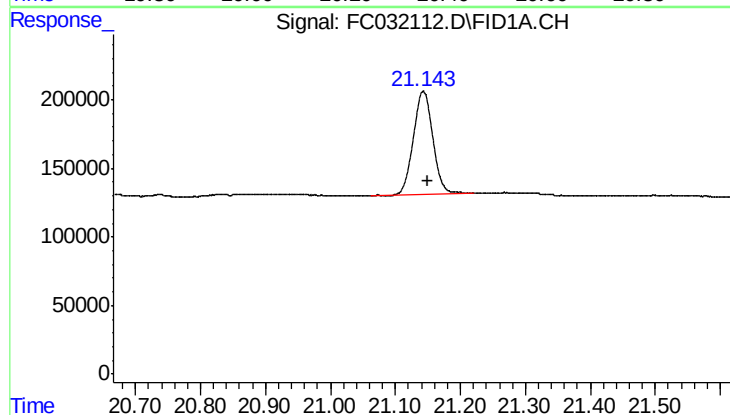
#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: -0.005 min
Response: 1904611
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: -0.003 min
Response: 1898537
Conc: 20.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.143 min
Delta R.T.: -0.006 min
Response: 1562087
Conc: 17.63 ug/ml