

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092018AL\
 Data File : FC036412.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2018 8:25
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 08:50:20 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 16:09:01 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)	11.397	2573887	23.083 ug/ml
Spiked Amount 50.000		Recovery =	46.17%
12) S 1-chlorooctadecane (S...	12.837	1750113	21.445 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
Target Compounds			
1) T n-Nonane (C9)	3.203	1757674	19.568 ug/ml
2) T n-Decane (C10)	4.269	1788091	19.866 ug/ml
3) T A-Naphthalene (C11.7)	5.841	2276949	22.624 ug/ml
4) T n-Dodecane (C12)	6.281	1849261	19.940 ug/ml
5) T A-2-methylnaphthalene...	6.891	2313311	22.975 ug/ml
6) T n-Tetradecane (C14)	8.066	1929676	20.329 ug/ml
7) T n-Hexadecane (C16)	9.658	1993008	20.937 ug/ml
8) T n-Octadecane (C18)	11.093	2060416	20.974 ug/ml
10) T n-Eicosane (C20)	12.397	2034502	21.053 ug/ml
11) T n-Heneicosane (C21)	13.006	2003055	21.280 ug/ml
13) T n-Docosane (C22)	13.590	1980306	21.264 ug/ml
14) T n-Tetracosane (C24)	14.688	1932464	21.133 ug/ml
15) T n-Hexacosane (C26)	15.706	1876378	20.919 ug/ml
16) T n-Octacosane (C28)	16.652	1831510	20.127 ug/ml
17) T n-Tricontane (C30)	17.536	1793040	18.634 ug/ml
18) T n-Dotriacontane (C32)	18.366	1782535	18.878 ug/ml
19) T n-Tetratriacontane (C34)	19.146	1718318	19.404 ug/ml
20) T n-Hexatriacontane (C36)	19.882	1627692	19.213 ug/ml
21) T n-Octatriacontane (C38)	20.593	1528334	18.328 ug/ml
22) T n-Tetracontane (C40)	21.432	1471410	17.523 ug/ml

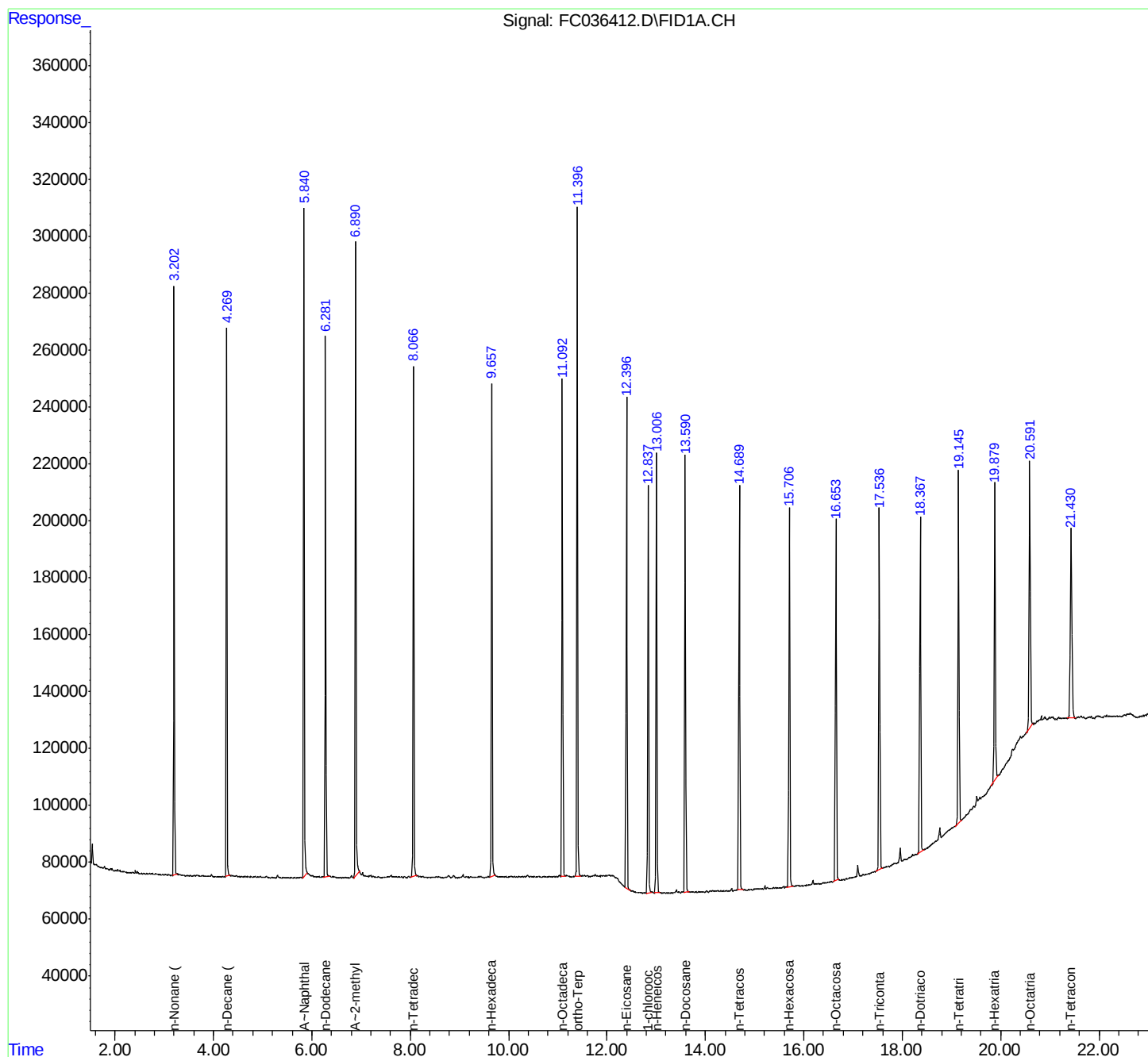
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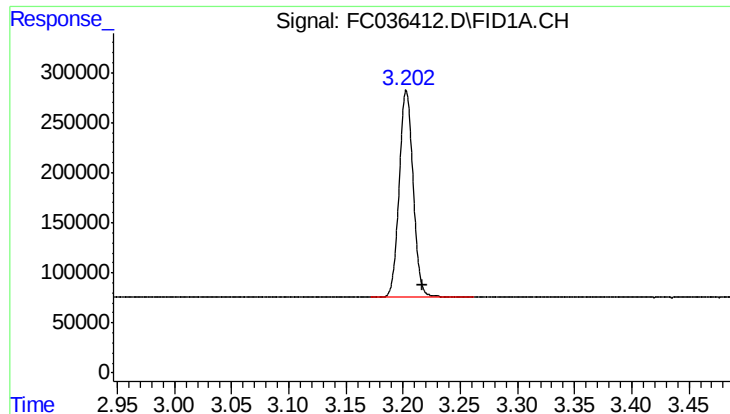
(m)=manual int.

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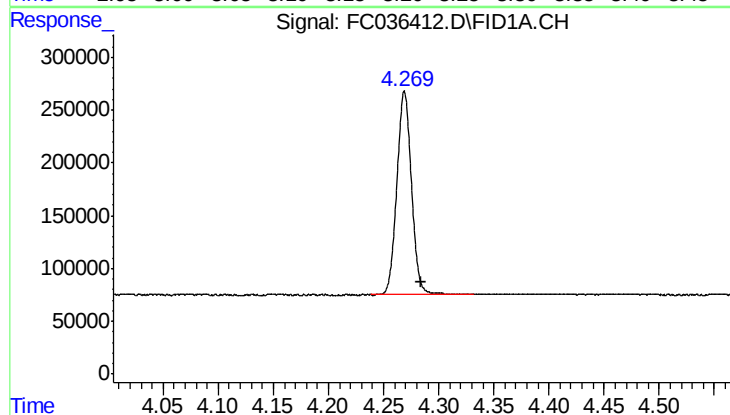
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Signal Info : 20M x 0.18mm x 0.18um





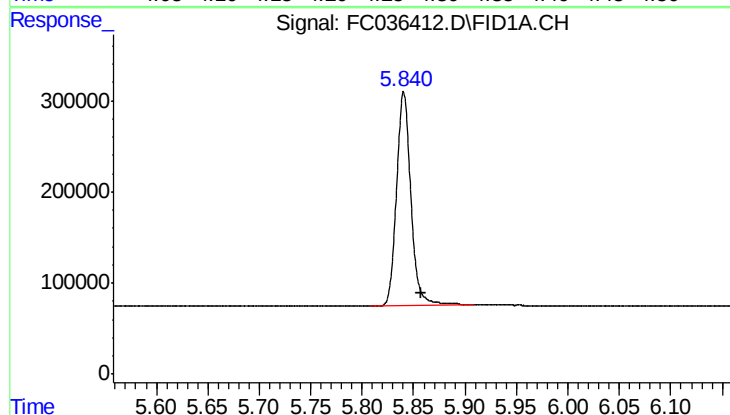
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.014 min
Response: 1757674
Conc: 19.57 ug/ml



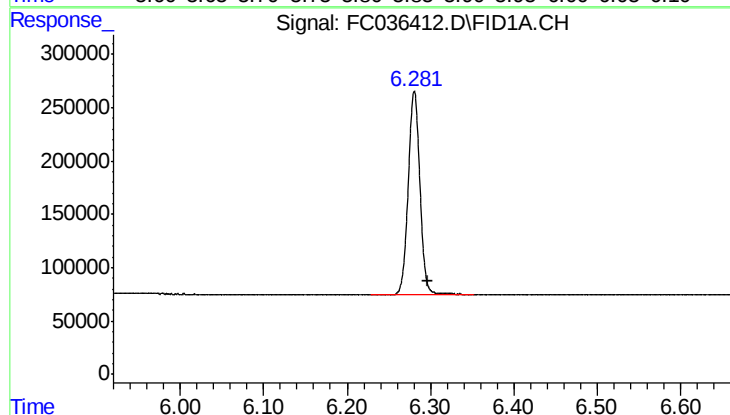
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: -0.015 min
Response: 1788091
Conc: 19.87 ug/ml



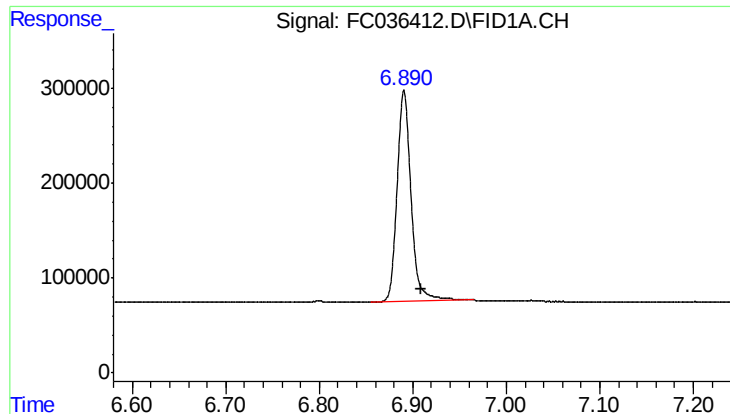
#3 A-Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.017 min
Response: 2276949
Conc: 22.62 ug/ml



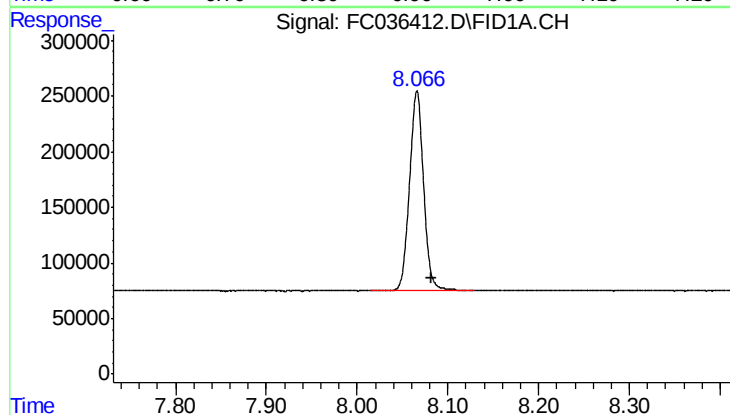
#4 n-Dodecane (C12)

R.T.: 6.281 min
Delta R.T.: -0.015 min
Response: 1849261
Conc: 19.94 ug/ml



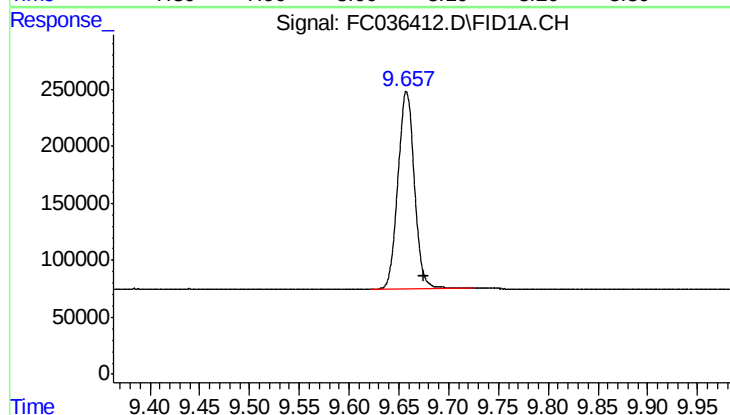
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.018 min
Response: 2313311
Conc: 22.97 ug/ml



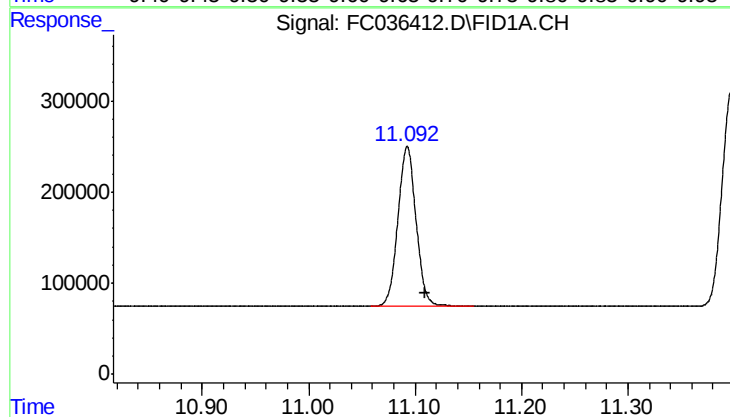
#6 n-Tetradecane (C14)

R.T.: 8.066 min
Delta R.T.: -0.016 min
Response: 1929676
Conc: 20.33 ug/ml



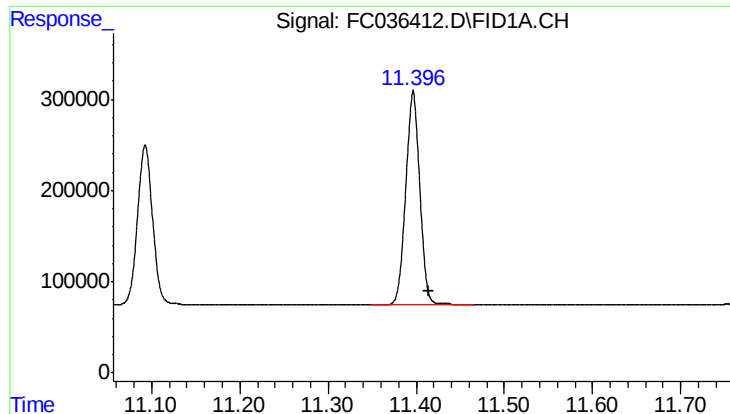
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: -0.017 min
Response: 1993008
Conc: 20.94 ug/ml



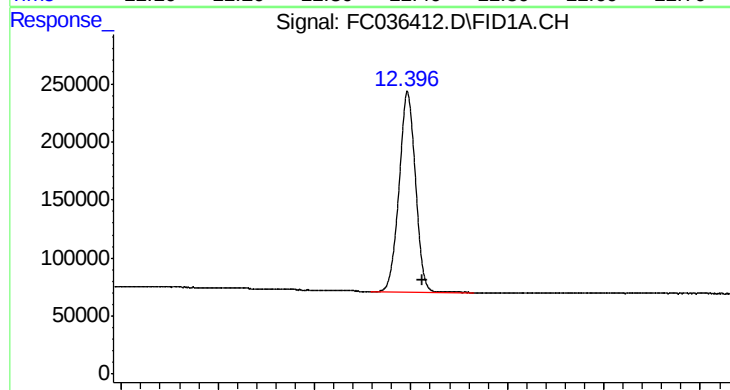
#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: -0.017 min
Response: 2060416
Conc: 20.97 ug/ml



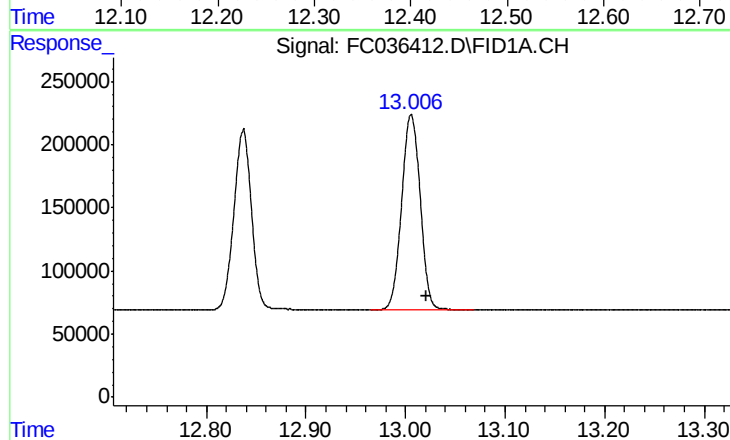
#9 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: -0.018 min
Response: 2573887
Conc: 23.08 ug/ml



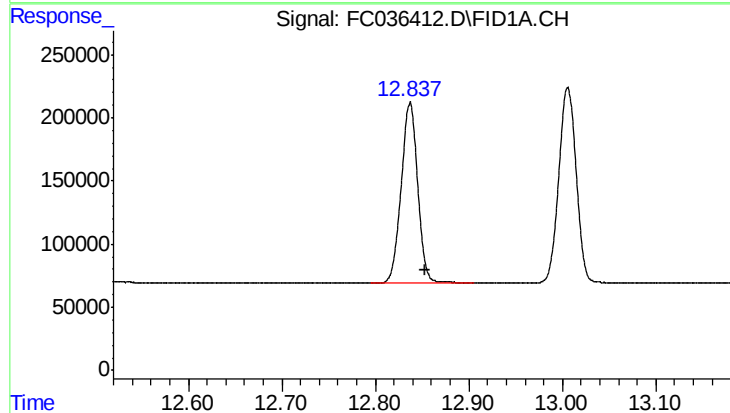
#10 n-Eicosane (C20)

R.T.: 12.397 min
Delta R.T.: -0.016 min
Response: 2034502
Conc: 21.05 ug/ml



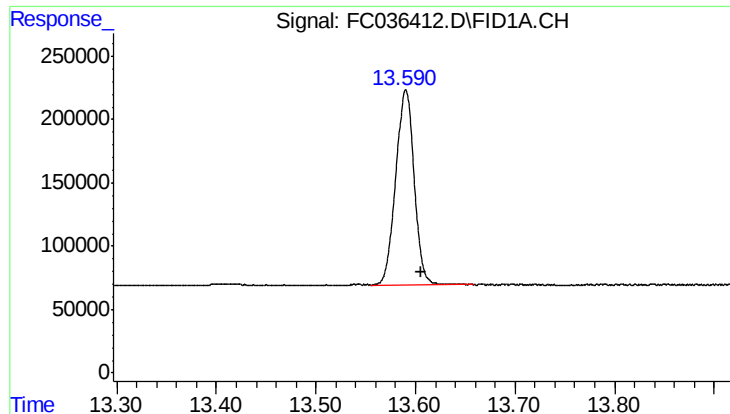
#11 n-Heneicosane (C21)

R.T.: 13.006 min
Delta R.T.: -0.015 min
Response: 2003055
Conc: 21.28 ug/ml



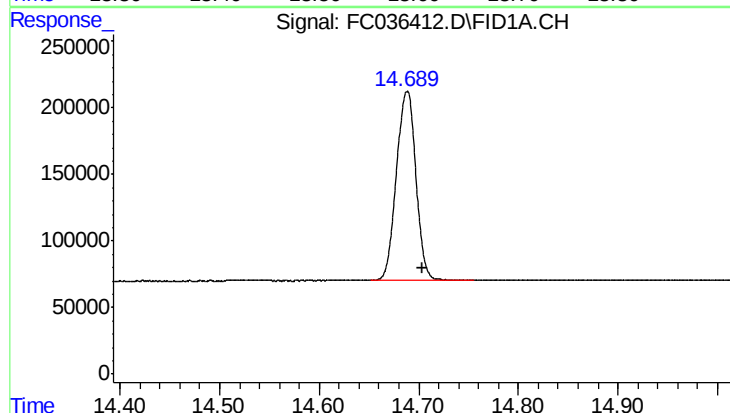
#12 1-chlorooctadecane (SURR)

R.T.: 12.837 min
Delta R.T.: -0.016 min
Response: 1750113
Conc: 21.44 ug/ml



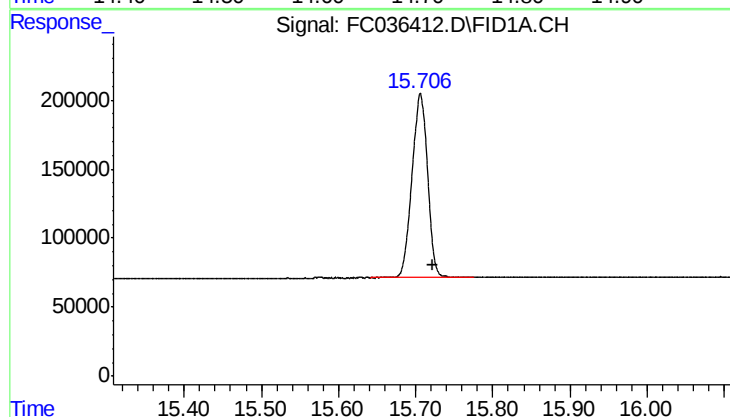
#13 n-Docosane (C22)

R.T.: 13.590 min
Delta R.T.: -0.016 min
Response: 1980306
Conc: 21.26 ug/ml



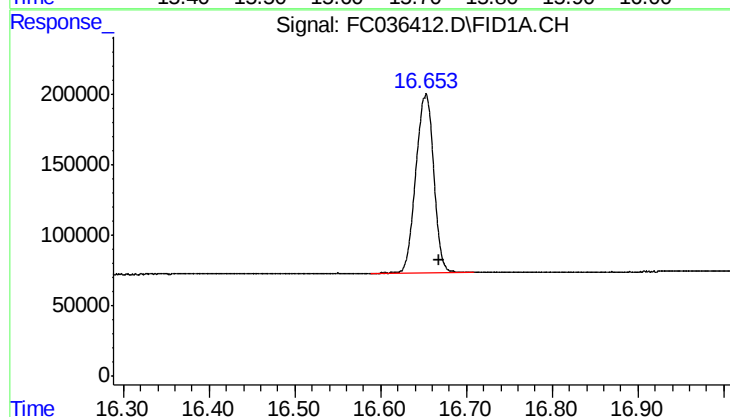
#14 n-Tetracosane (C24)

R.T.: 14.688 min
Delta R.T.: -0.015 min
Response: 1932464
Conc: 21.13 ug/ml



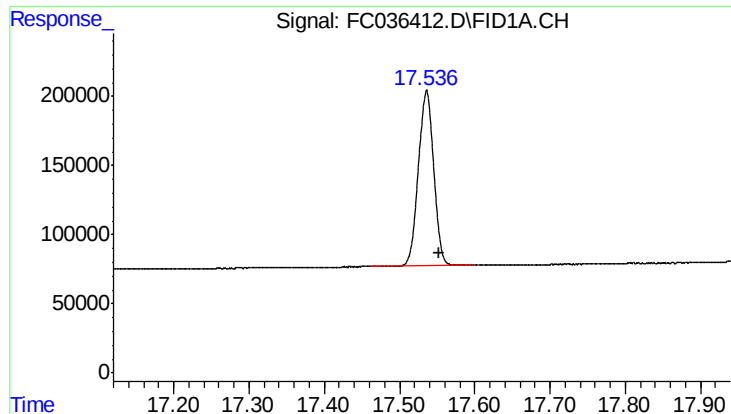
#15 n-Hexacosane (C26)

R.T.: 15.706 min
Delta R.T.: -0.015 min
Response: 1876378
Conc: 20.92 ug/ml



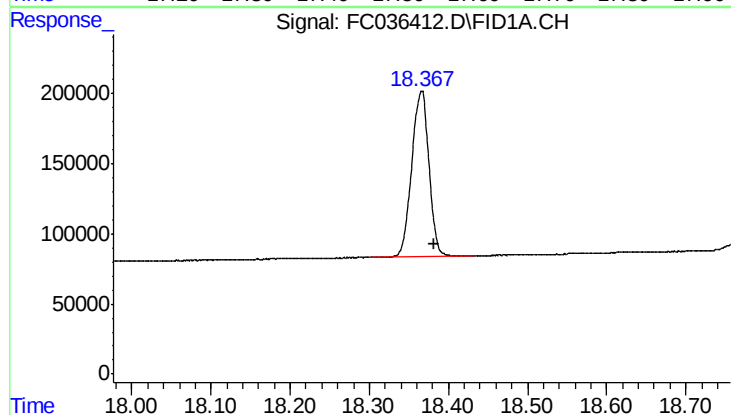
#16 n-Octacosane (C28)

R.T.: 16.652 min
Delta R.T.: -0.015 min
Response: 1831510
Conc: 20.13 ug/ml



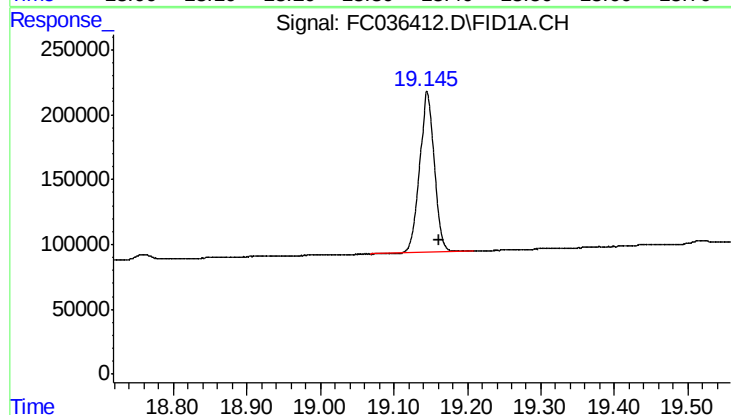
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: -0.016 min
Response: 1793040
Conc: 18.63 ug/ml



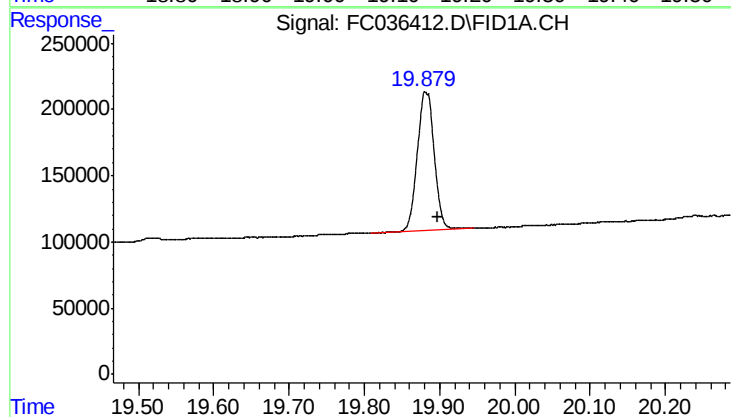
#18 n-Dotriacontane (C32)

R.T.: 18.366 min
Delta R.T.: -0.016 min
Response: 1782535
Conc: 18.88 ug/ml



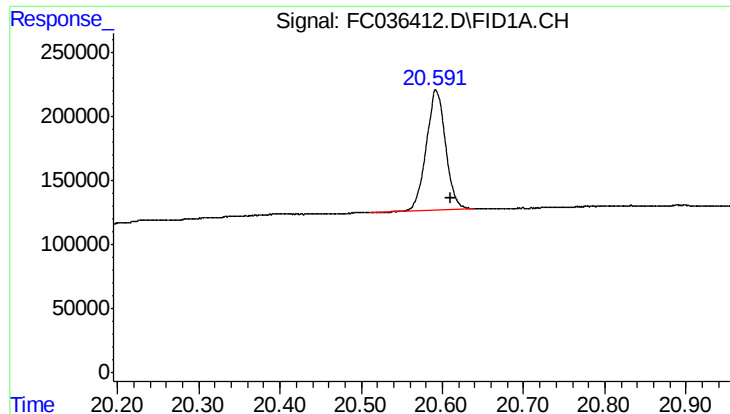
#19 n-Tetratriacontane (C34)

R.T.: 19.146 min
Delta R.T.: -0.016 min
Response: 1718318
Conc: 19.40 ug/ml



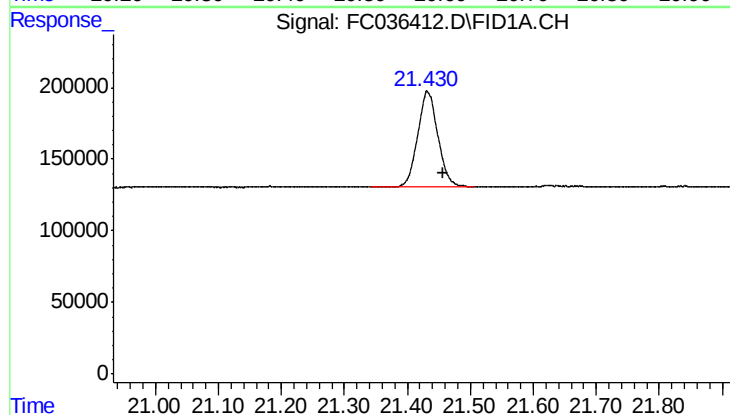
#20 n-Hexatriacontane (C36)

R.T.: 19.882 min
Delta R.T.: -0.015 min
Response: 1627692
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.018 min
Response: 1528334
Conc: 18.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.432 min
Delta R.T.: -0.025 min
Response: 1471410
Conc: 17.52 ug/ml