

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091418AL\
 Data File : FC036286.D
 Signal(s) : FID1A.CH
 Acq On : 14 Sep 2018 11:32
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 15 03:52:43 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic 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)	11.407	2606200	23.373 ug/ml
Spiked Amount 50.000		Recovery =	46.75%
12) S 1-chlorooctadecane (S...	12.846	1831257	22.439 ug/ml
Spiked Amount 50.000		Recovery =	44.88%
Target Compounds			
1) T n-Nonane (C9)	3.210	1892306	21.067 ug/ml
2) T n-Decane (C10)	4.277	1963602	21.816 ug/ml
3) T A-Naphthalene (C11.7)	5.850	2432757	24.172 ug/ml
4) T n-Dodecane (C12)	6.290	2059817	22.211 ug/ml
5) T A-2-methylnaphthalene...	6.901	2457498	24.407 ug/ml
6) T n-Tetradecane (C14)	8.075	2129323	22.432 ug/ml
7) T n-Hexadecane (C16)	9.668	2143753	22.521 ug/ml
8) T n-Octadecane (C18)	11.103	2168600	22.076 ug/ml
10) T n-Eicosane (C20)	12.406	2138722	22.132 ug/ml
11) T n-Heneicosane (C21)	13.015	2100427	22.315 ug/ml
13) T n-Docosane (C22)	13.599	2076215	22.294 ug/ml
14) T n-Tetracosane (C24)	14.698	2030950	22.210 ug/ml
15) T n-Hexacosane (C26)	15.715	1981255	22.088 ug/ml
16) T n-Octacosane (C28)	16.662	1960153	21.541 ug/ml
17) T n-Tricontane (C30)	17.547	1926030	20.016 ug/ml
18) T n-Dotriacontane (C32)	18.377	1914310	20.274 ug/ml
19) T n-Tetratriacontane (C34)	19.157	1857656	20.977 ug/ml
20) T n-Hexatriacontane (C36)	19.894	1786001	21.082 ug/ml
21) T n-Octatriacontane (C38)	20.605	1723454	20.668 ug/ml
22) T n-Tetracontane (C40)	21.448	1622085	19.317 ug/ml

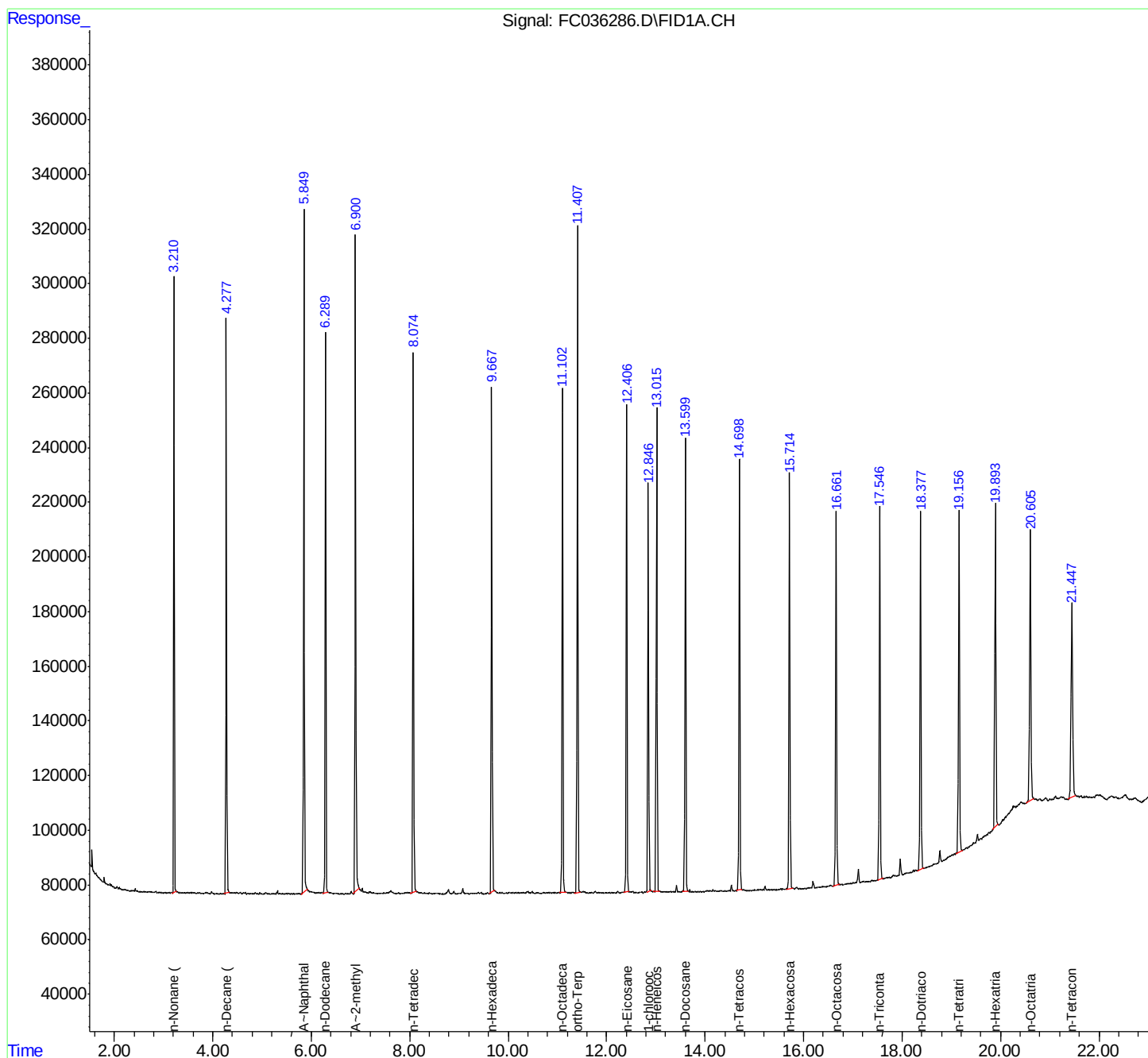
(f)=RT Delta > 1/2 Window

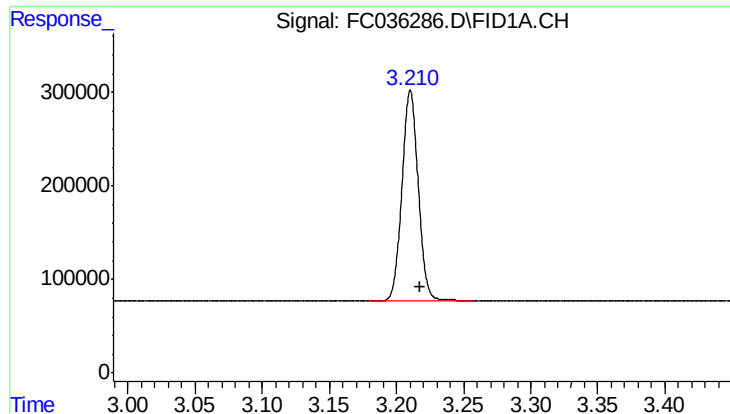
(m)=manual int.

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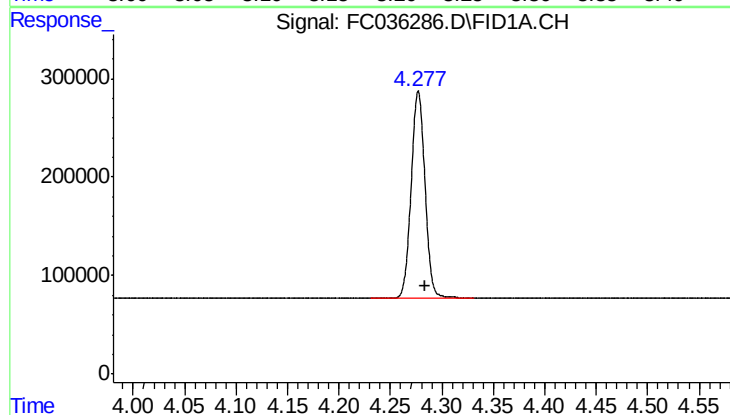
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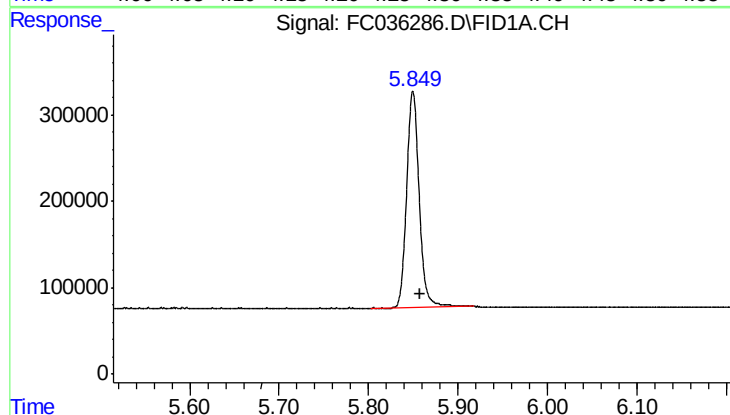
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.007 min
Response: 1892306
Conc: 21.07 ug/ml



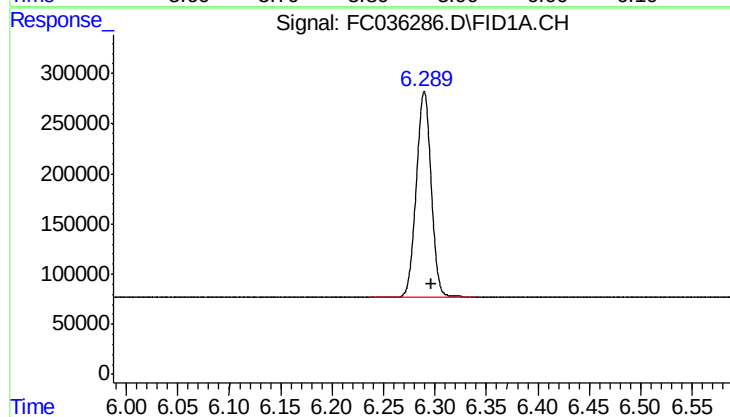
#2 n-Decane (C10)

R.T.: 4.277 min
Delta R.T.: -0.006 min
Response: 1963602
Conc: 21.82 ug/ml



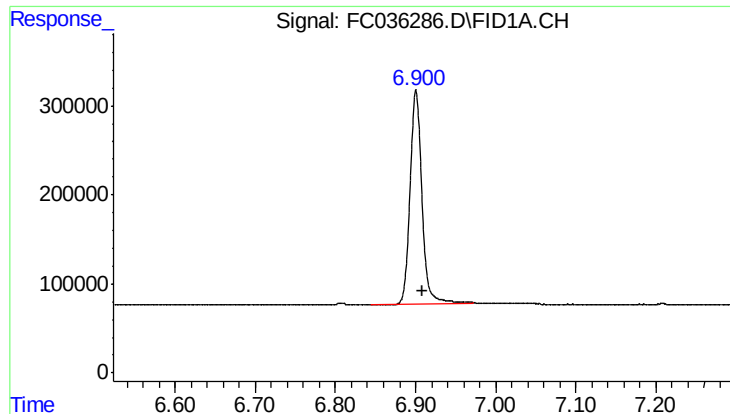
#3 A-Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: -0.008 min
Response: 2432757
Conc: 24.17 ug/ml



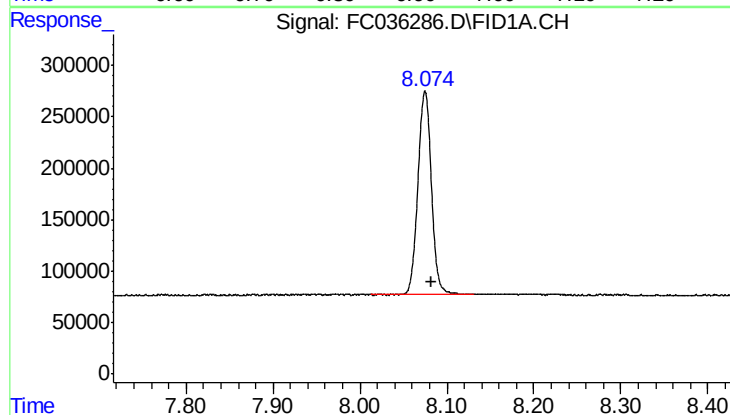
#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: -0.007 min
Response: 2059817
Conc: 22.21 ug/ml



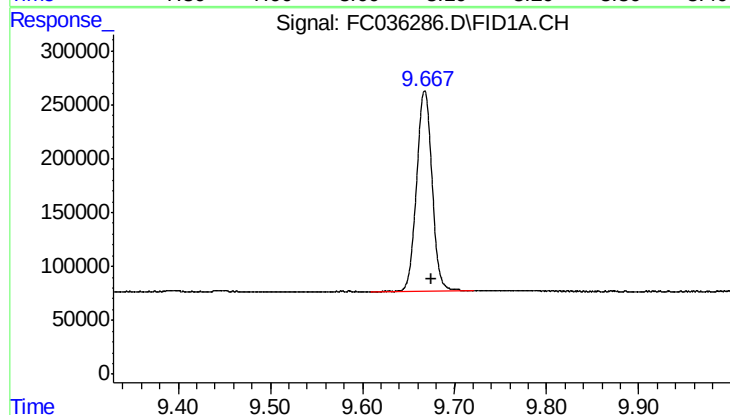
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.901 min
Delta R.T.: -0.008 min
Response: 2457498
Conc: 24.41 ug/ml



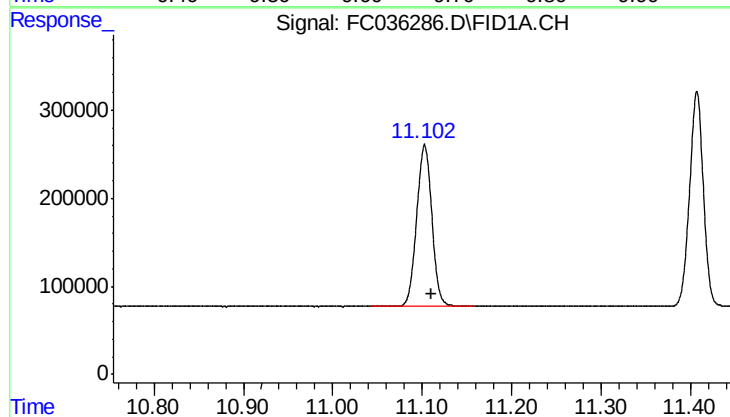
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: -0.007 min
Response: 2129323
Conc: 22.43 ug/ml



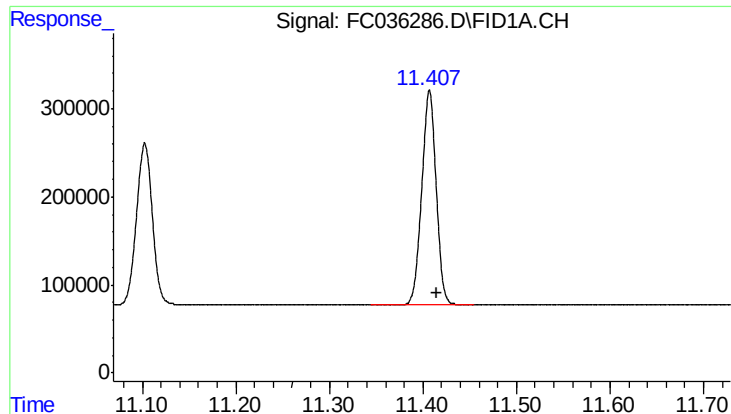
#7 n-Hexadecane (C16)

R.T.: 9.668 min
Delta R.T.: -0.007 min
Response: 2143753
Conc: 22.52 ug/ml



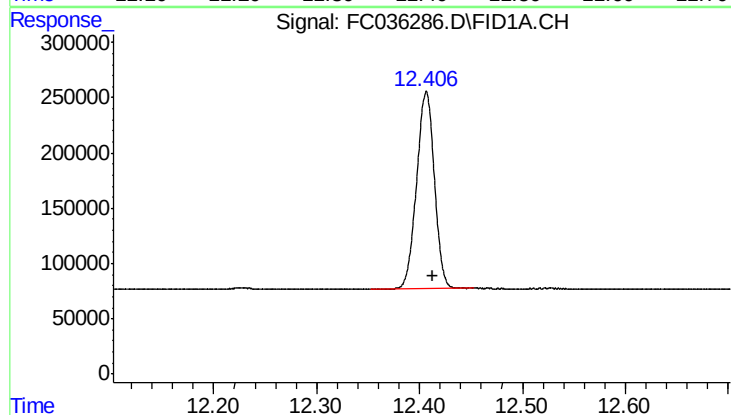
#8 n-Octadecane (C18)

R.T.: 11.103 min
Delta R.T.: -0.007 min
Response: 2168600
Conc: 22.08 ug/ml



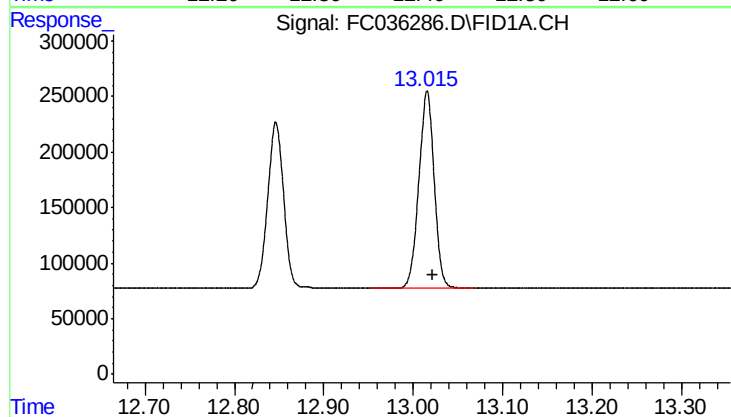
#9 ortho-Terphenyl (SURRE)

R.T.: 11.407 min
Delta R.T.: -0.007 min
Response: 2606200
Conc: 23.37 ug/ml



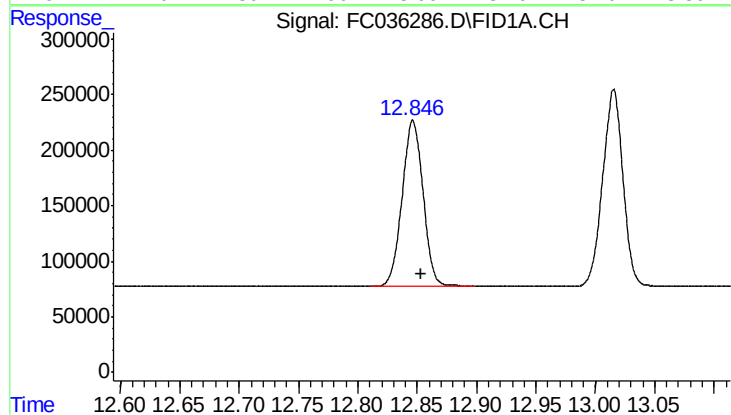
#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.006 min
Response: 2138722
Conc: 22.13 ug/ml



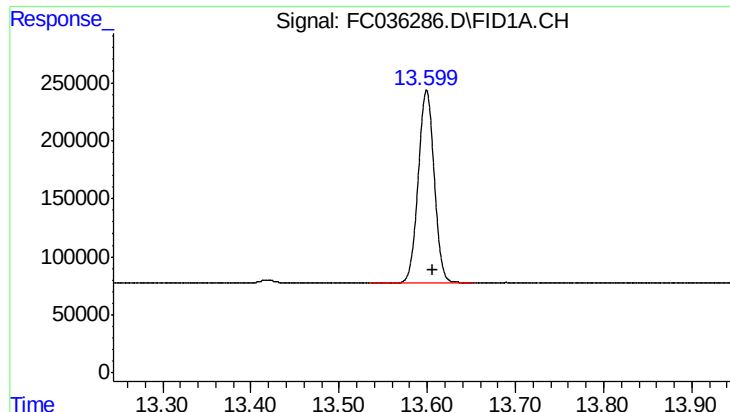
#11 n-Heneicosane (C21)

R.T.: 13.015 min
Delta R.T.: -0.006 min
Response: 2100427
Conc: 22.31 ug/ml



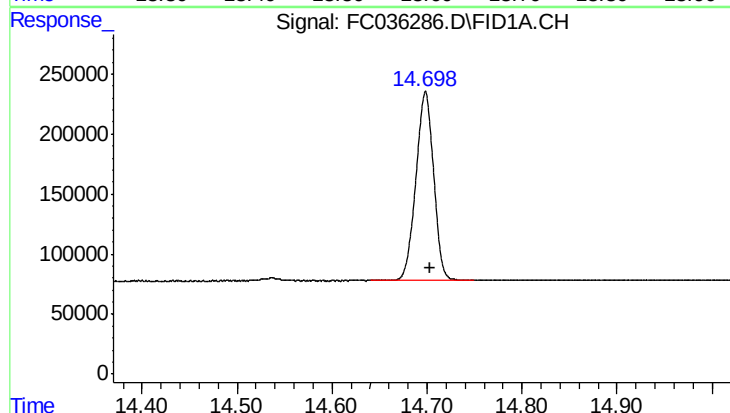
#12 1-chlorooctadecane (SURRE)

R.T.: 12.846 min
Delta R.T.: -0.007 min
Response: 1831257
Conc: 22.44 ug/ml



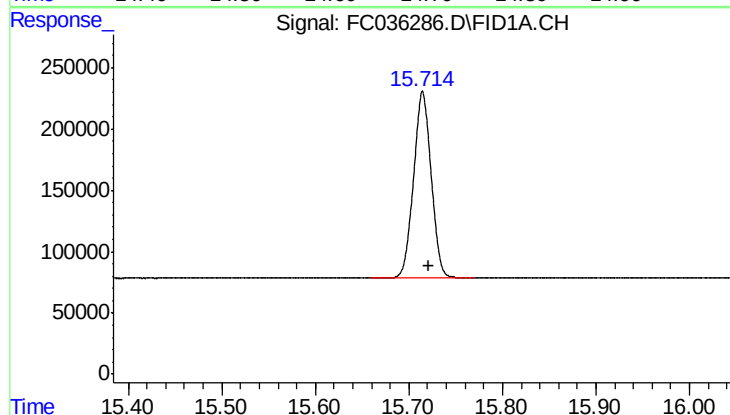
#13 n-Docosane (C22)

R.T.: 13.599 min
Delta R.T.: -0.007 min
Response: 2076215
Conc: 22.29 ug/ml



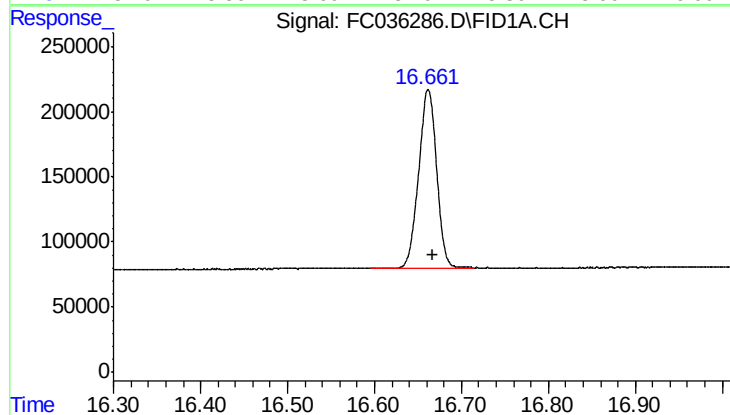
#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: -0.005 min
Response: 2030950
Conc: 22.21 ug/ml



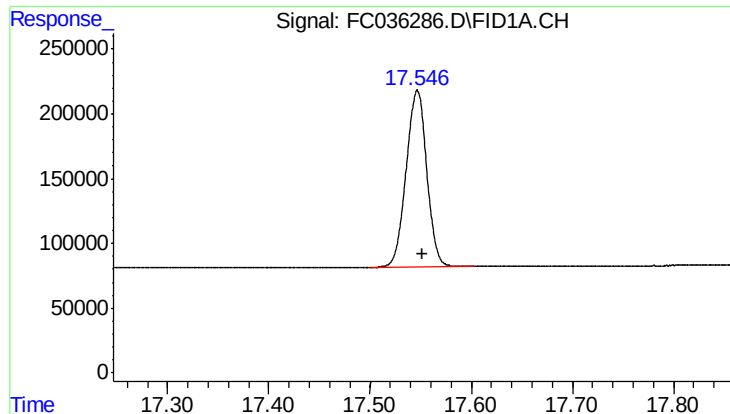
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: -0.007 min
Response: 1981255
Conc: 22.09 ug/ml



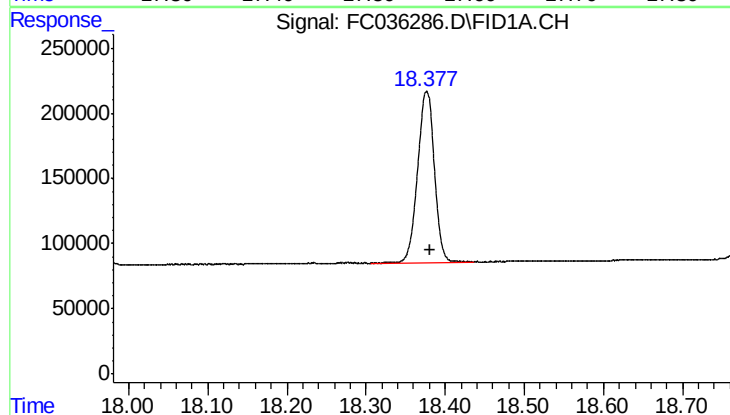
#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: -0.006 min
Response: 1960153
Conc: 21.54 ug/ml



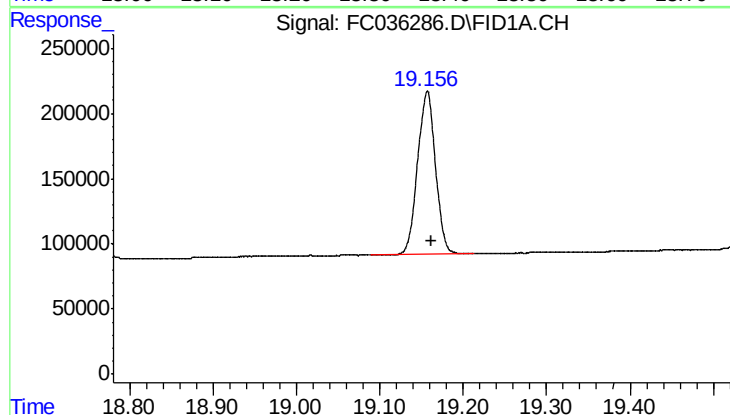
#17 n-Tricontane (C30)

R.T.: 17.547 min
Delta R.T.: -0.005 min
Response: 1926030
Conc: 20.02 ug/ml



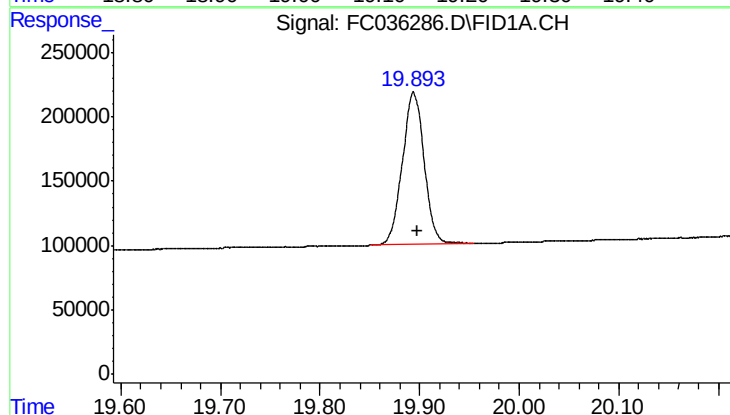
#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: -0.005 min
Response: 1914310
Conc: 20.27 ug/ml



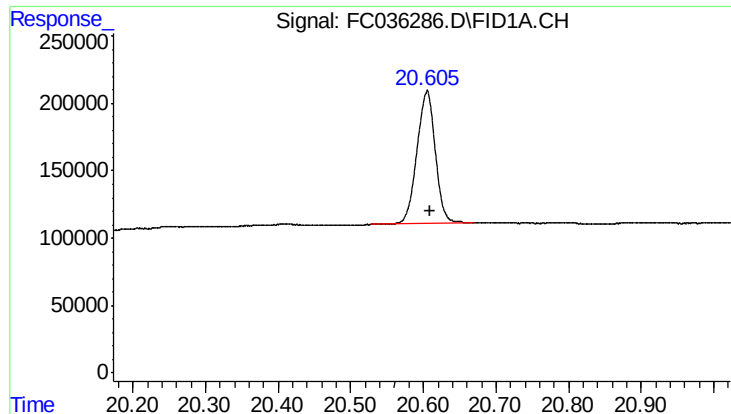
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.005 min
Response: 1857656
Conc: 20.98 ug/ml



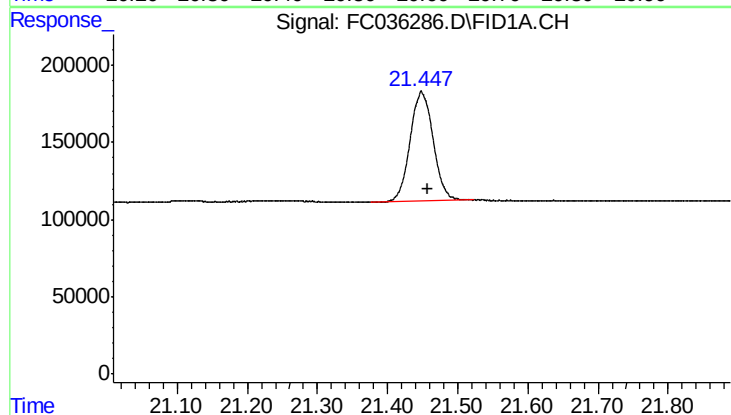
#20 n-Hexatriacontane (C36)

R.T.: 19.894 min
Delta R.T.: -0.004 min
Response: 1786001
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.605 min
Delta R.T.: -0.005 min
Response: 1723454
Conc: 20.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.448 min
Delta R.T.: -0.008 min
Response: 1622085
Conc: 19.32 ug/ml