

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071918AL\
 Data File : FC035517.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jul 2018 11:00
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 20 11:26:36 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 062518.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 25 14:27:40 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)	11.443	2446835	23.765 ug/ml
Spiked Amount 50.000		Recovery =	47.53%
12) S 1-chlorooctadecane (S...	12.883	1836197	22.940 ug/ml
Spiked Amount 50.000		Recovery =	45.88%
Target Compounds			
1) T n-Nonane (C9)	3.232	1714932	20.451 ug/ml
2) T n-Decane (C10)	4.301	1831487	21.852 ug/ml
3) T A-Naphthalene (C11.7)	5.878	2355913	24.828 ug/ml
4) T n-Dodecane (C12)	6.316	2044872	23.692 ug/ml
5) T A-2-methylnaphthalene...	6.930	2398794	24.911 ug/ml
6) T n-Tetradecane (C14)	8.104	2164726	24.275 ug/ml
7) T n-Hexadecane (C16)	9.699	2197690	23.955 ug/ml
8) T n-Octadecane (C18)	11.136	2165751	22.948 ug/ml
10) T n-Eicosane (C20)	12.442	2198972	22.804 ug/ml
11) T n-Heneicosane (C21)	13.052	2186737	23.019 ug/ml
13) T n-Docosane (C22)	13.636	2198778	23.038 ug/ml
14) T n-Tetracosane (C24)	14.736	2172928	22.765 ug/ml
15) T n-Hexacosane (C26)	15.753	2191627	23.183 ug/ml
16) T n-Octacosane (C28)	16.702	2231769	23.737 ug/ml
17) T n-Tricontane (C30)	17.587	2227796	24.246 ug/ml
18) T n-Dotriacontane (C32)	18.418	2217534	24.974 ug/ml
19) T n-Tetratriacontane (C34)	19.202	2126077	23.498 ug/ml
20) T n-Hexatriacontane (C36)	19.938	2162483	24.118 ug/ml
21) T n-Octatriacontane (C38)	20.656	1983157	21.503 ug/ml
22) T n-Tetracontane (C40)	21.520	1954470	20.796 ug/ml

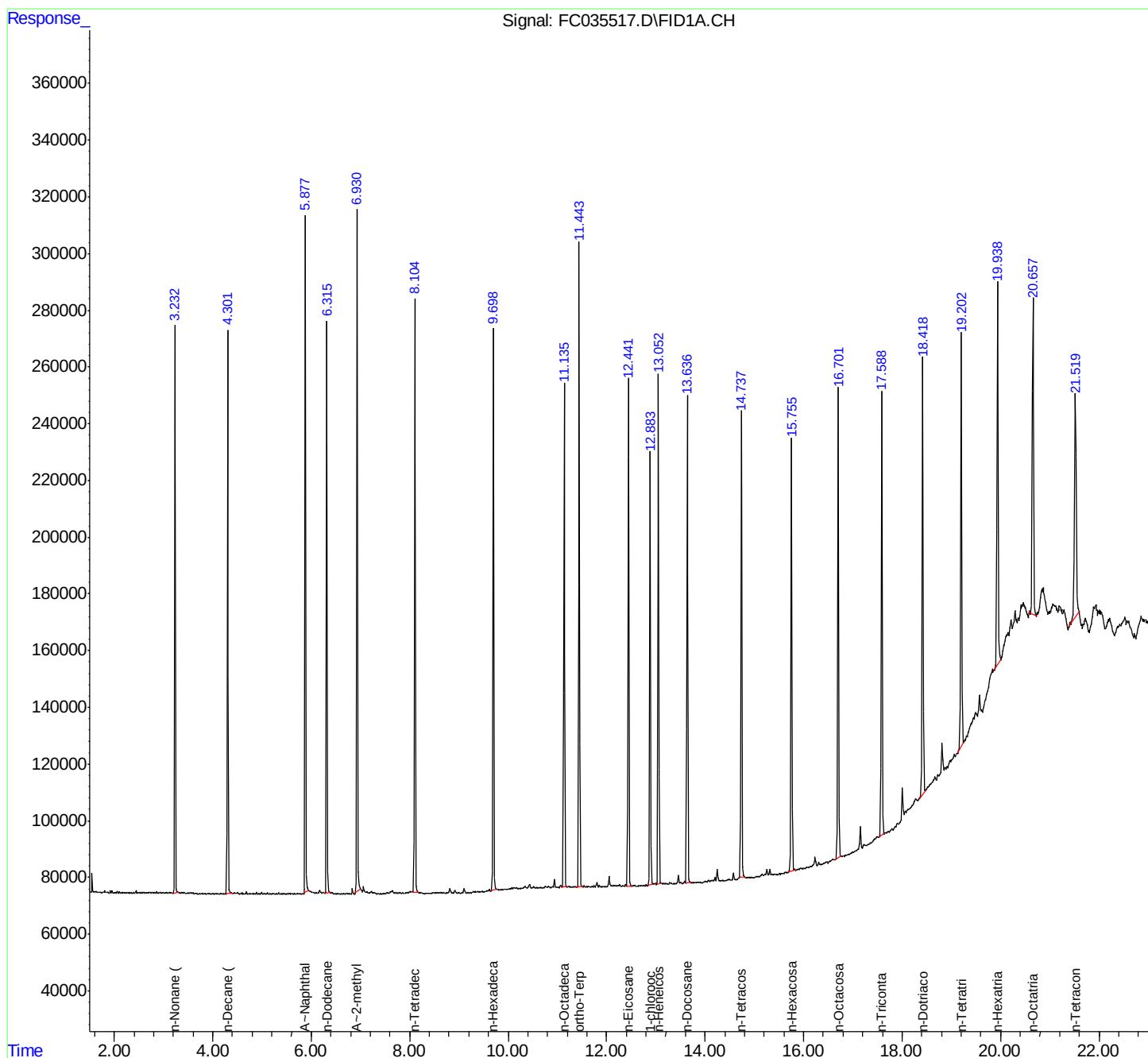
(f)=RT Delta > 1/2 Window

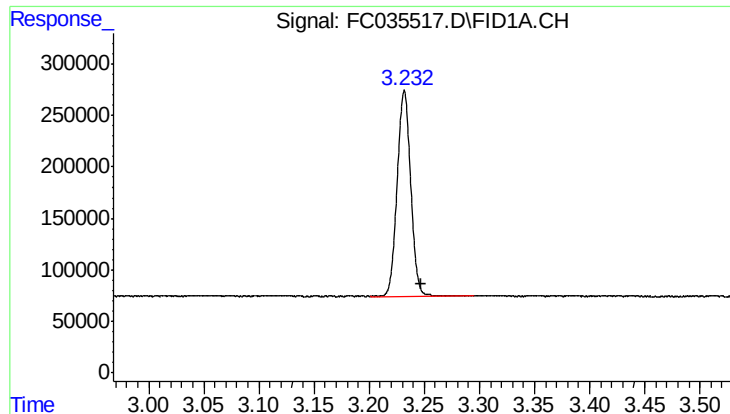
(m)=manual int.

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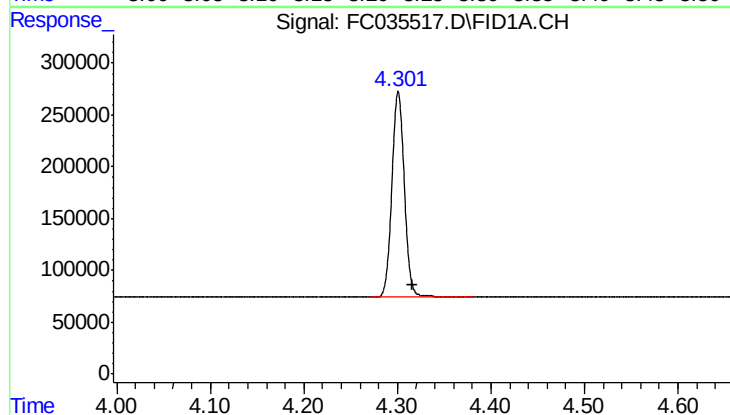
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Signal Info : 20M x 0.18mm x 0.18um





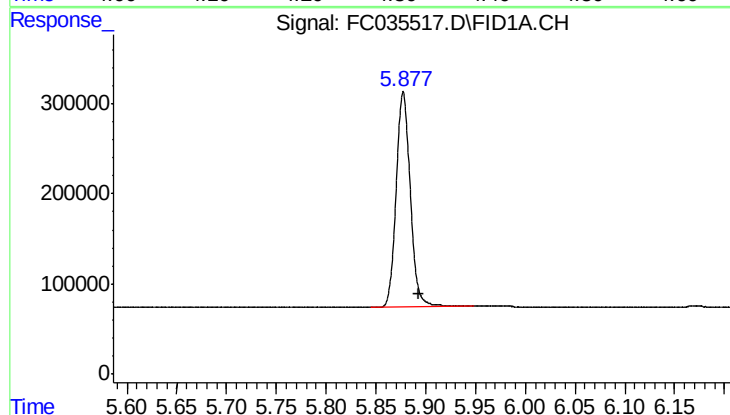
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.016 min
Response: 1714932
Conc: 20.45 ug/ml



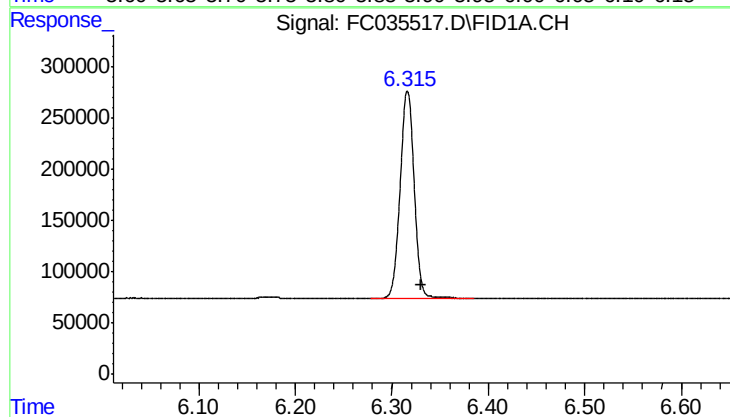
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.015 min
Response: 1831487
Conc: 21.85 ug/ml



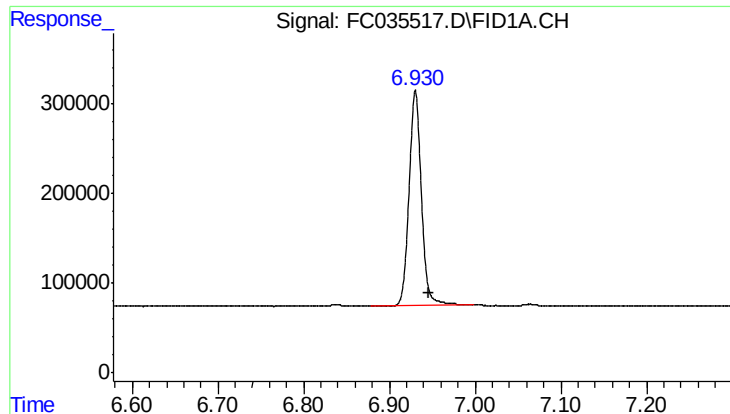
#3 A-Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.016 min
Response: 2355913
Conc: 24.83 ug/ml



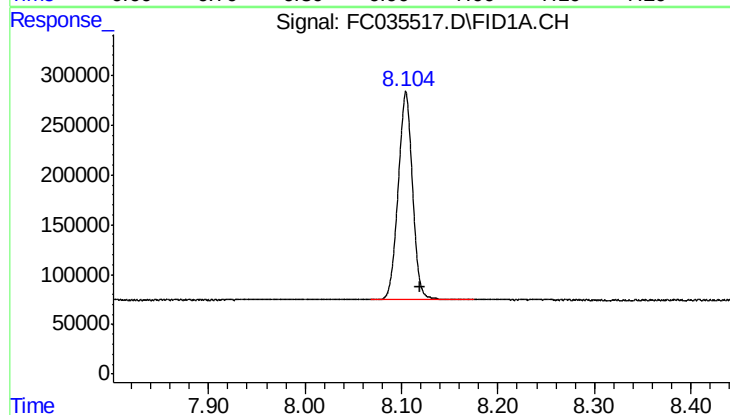
#4 n-Dodecane (C12)

R.T.: 6.316 min
Delta R.T.: -0.014 min
Response: 2044872
Conc: 23.69 ug/ml



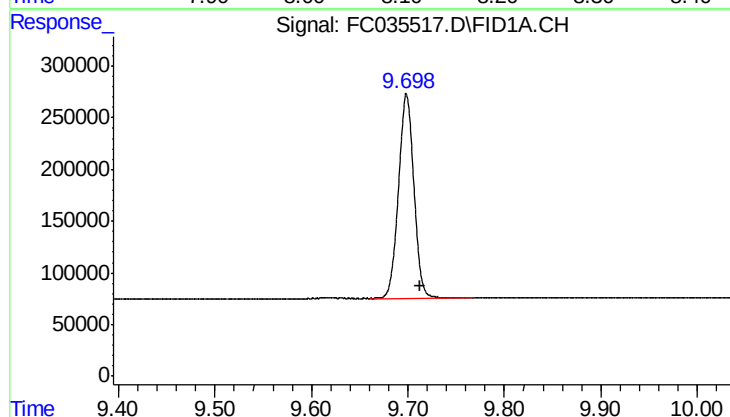
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: -0.015 min
Response: 2398794
Conc: 24.91 ug/ml



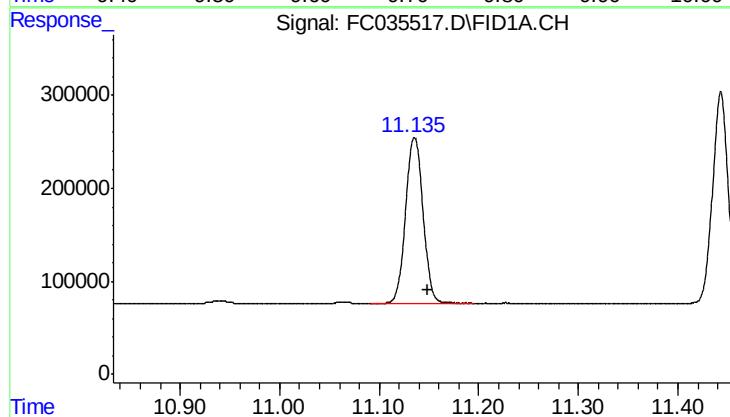
#6 n-Tetradecane (C14)

R.T.: 8.104 min
Delta R.T.: -0.014 min
Response: 2164726
Conc: 24.28 ug/ml



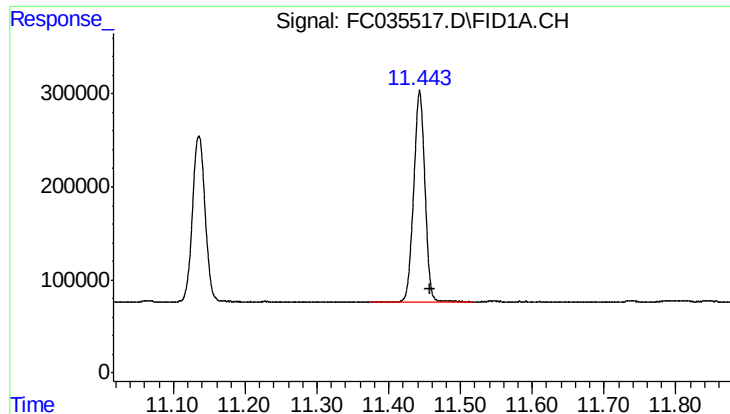
#7 n-Hexadecane (C16)

R.T.: 9.699 min
Delta R.T.: -0.015 min
Response: 2197690
Conc: 23.95 ug/ml



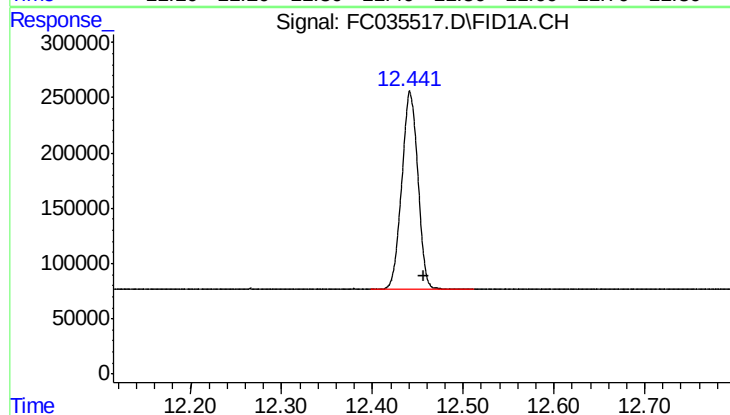
#8 n-Octadecane (C18)

R.T.: 11.136 min
Delta R.T.: -0.013 min
Response: 2165751
Conc: 22.95 ug/ml



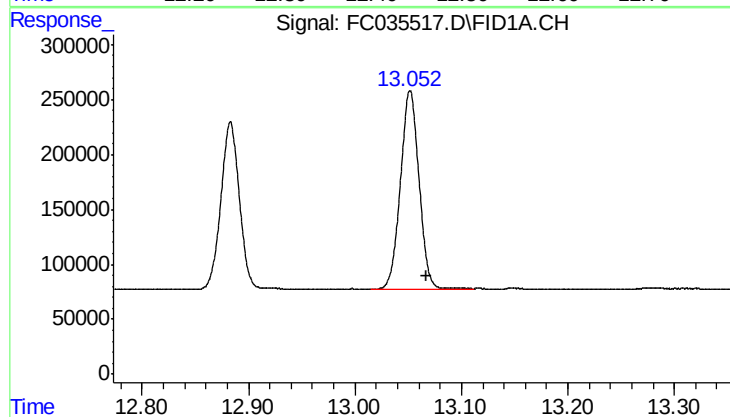
#9 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.015 min
Response: 2446835
Conc: 23.76 ug/ml



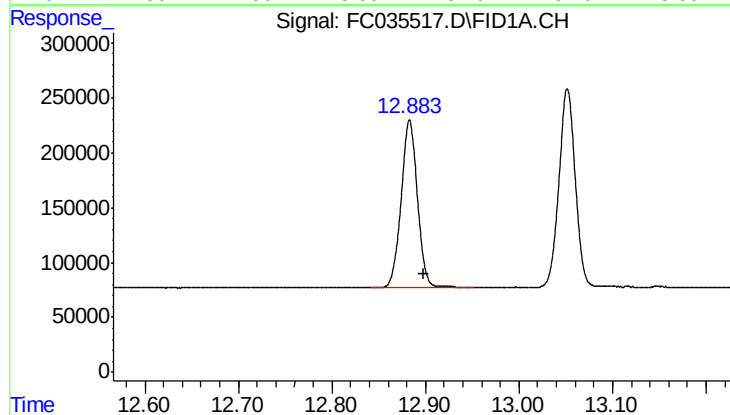
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.015 min
Response: 2198972
Conc: 22.80 ug/ml



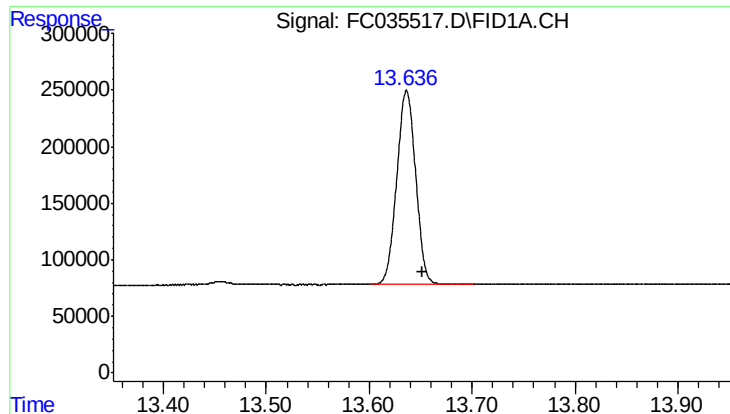
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.015 min
Response: 2186737
Conc: 23.02 ug/ml



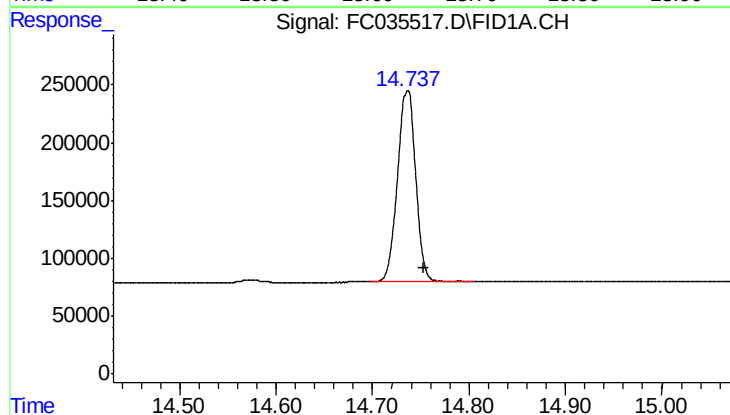
#12 1-chlorooctadecane (SURR)

R.T.: 12.883 min
Delta R.T.: -0.015 min
Response: 1836197
Conc: 22.94 ug/ml



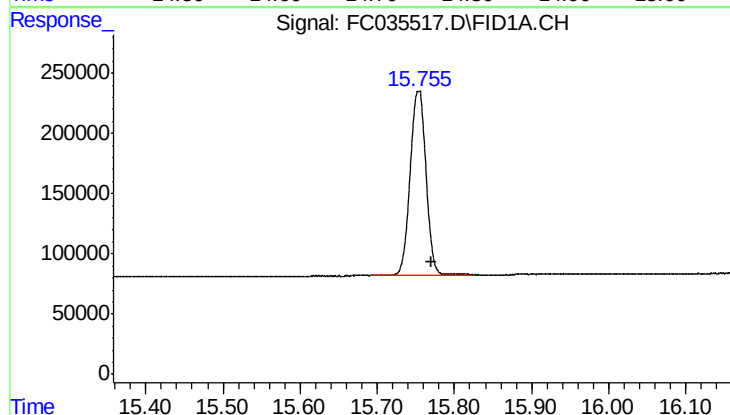
#13 n-Docosane (C22)

R.T.: 13.636 min
Delta R.T.: -0.015 min
Response: 2198778
Conc: 23.04 ug/ml



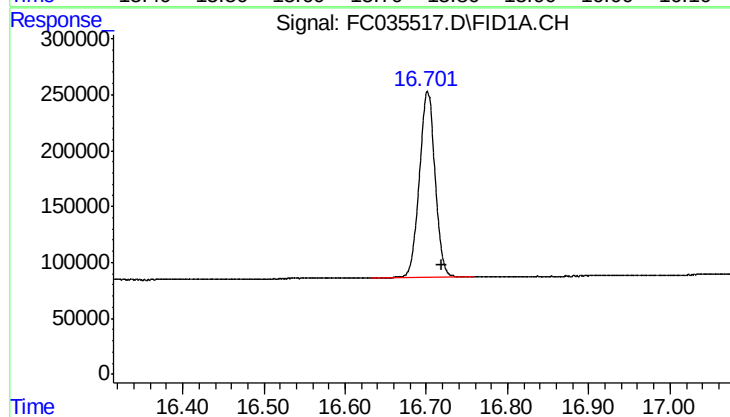
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.017 min
Response: 2172928
Conc: 22.76 ug/ml



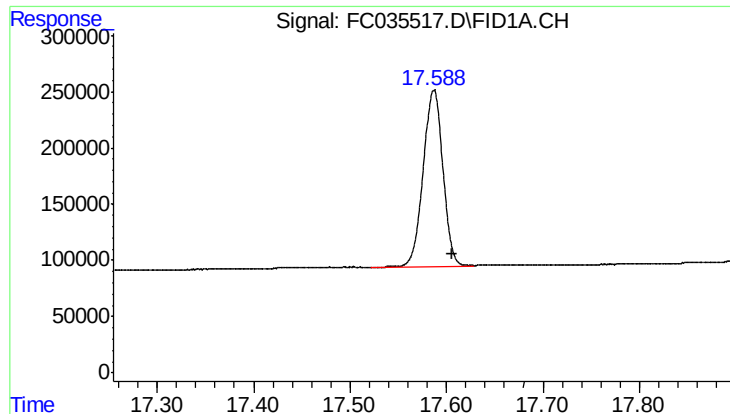
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.017 min
Response: 2191627
Conc: 23.18 ug/ml



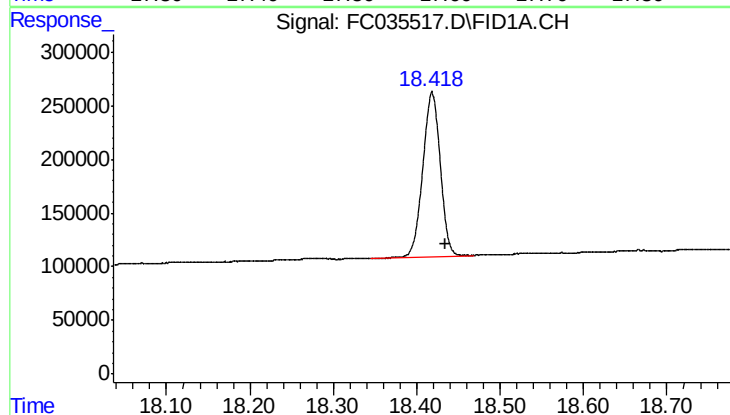
#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: -0.017 min
Response: 2231769
Conc: 23.74 ug/ml



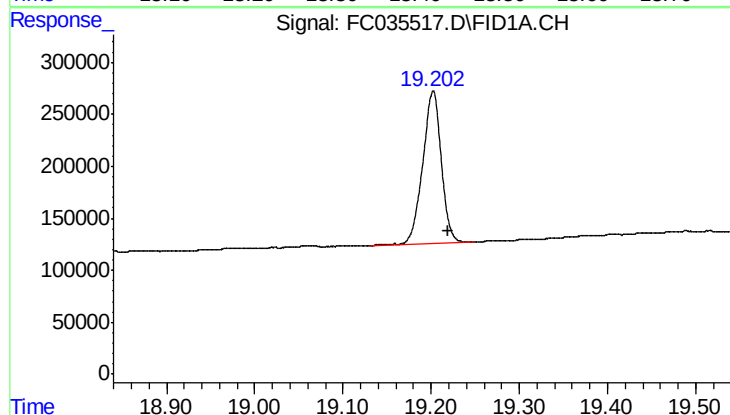
#17 n-Tricontane (C30)

R.T.: 17.587 min
Delta R.T.: -0.018 min
Response: 2227796
Conc: 24.25 ug/ml



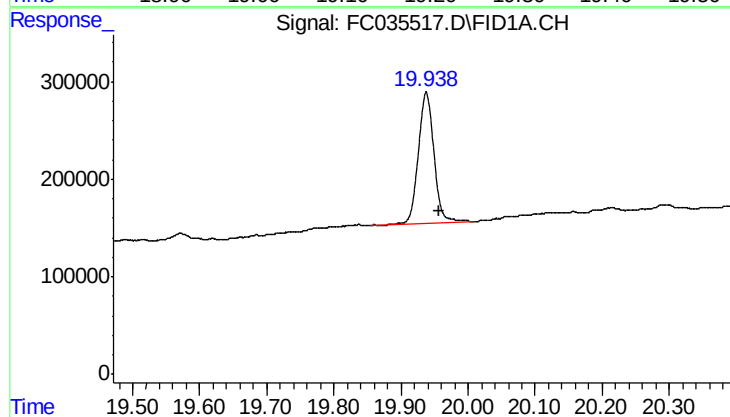
#18 n-Dotriacontane (C32)

R.T.: 18.418 min
Delta R.T.: -0.017 min
Response: 2217534
Conc: 24.97 ug/ml



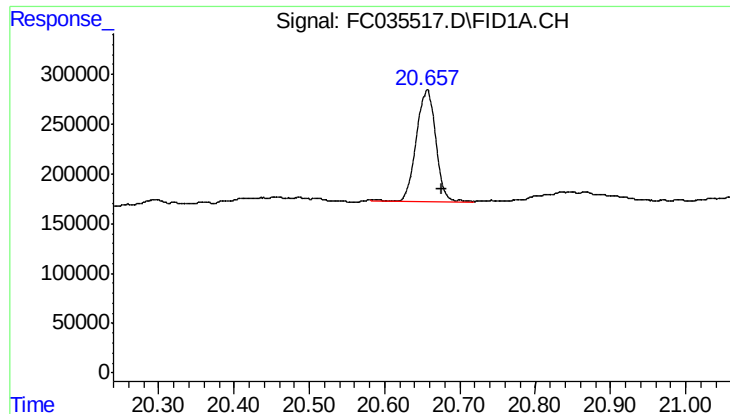
#19 n-Tetratriacontane (C34)

R.T.: 19.202 min
Delta R.T.: -0.017 min
Response: 2126077
Conc: 23.50 ug/ml



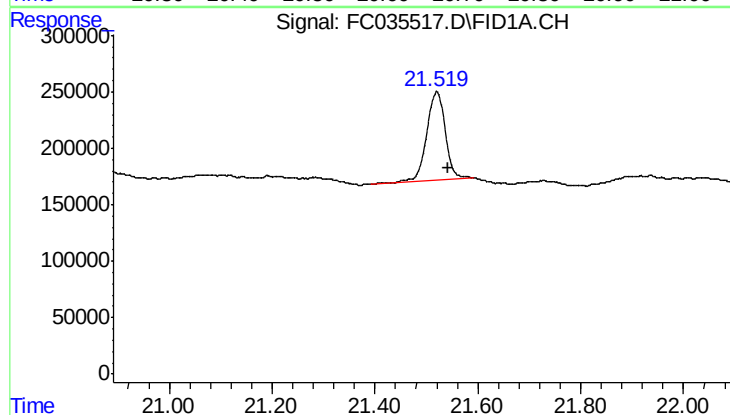
#20 n-Hexatriacontane (C36)

R.T.: 19.938 min
Delta R.T.: -0.020 min
Response: 2162483
Conc: 24.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.020 min
Response: 1983157
Conc: 21.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.520 min
Delta R.T.: -0.023 min
Response: 1954470
Conc: 20.80 ug/ml