

Data Path : Z:\bestpcbsrv\HPCHEM1\FID C\Data\FC081618AL\
 Data File : FC035916.D
 Signal(s) : FID1A.CH
 Acq On : 16 Aug 2018 16:28
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 05:08:32 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic EPH 080218.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 02 15:00:20 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)	11.418	2141910	21.151 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	12.857	1457939	18.921 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.220	1456202	20.965 ug/ml
2) T n-Decane (C10)	4.287	1497328	21.277 ug/ml
3) T A-Naphthalene (C11.7)	5.860	1910817	23.758 ug/ml
4) T n-Dodecane (C12)	6.299	1581948	21.563 ug/ml
5) T A-2-methylnaphthalene...	6.911	1920201	23.448 ug/ml
6) T n-Tetradecane (C14)	8.086	1667107	21.285 ug/ml
7) T n-Hexadecane (C16)	9.679	1711997	20.302 ug/ml
8) T n-Octadecane (C18)	11.114	1722684	19.462 ug/ml
10) T n-Eicosane (C20)	12.417	1709820	18.977 ug/ml
11) T n-Heneicosane (C21)	13.027	1679517	18.753 ug/ml
13) T n-Docosane (C22)	13.611	1664164	18.951 ug/ml
14) T n-Tetracosane (C24)	14.709	1647194	19.178 ug/ml
15) T n-Hexacosane (C26)	15.727	1620029	19.279 ug/ml
16) T n-Octacosane (C28)	16.673	1622711	18.616 ug/ml
17) T n-Tricontane (C30)	17.556	1617941	16.558 ug/ml
18) T n-Dotriacontane (C32)	18.386	1630862	17.821 ug/ml
19) T n-Tetratriacontane (C34)	19.165	1565370	18.339 ug/ml
20) T n-Hexatriacontane (C36)	19.902	1499667	19.169 ug/ml
21) T n-Octatriacontane (C38)	20.612	1434316	18.770 ug/ml
22) T n-Tetracontane (C40)	21.460	1384144	18.112 ug/ml

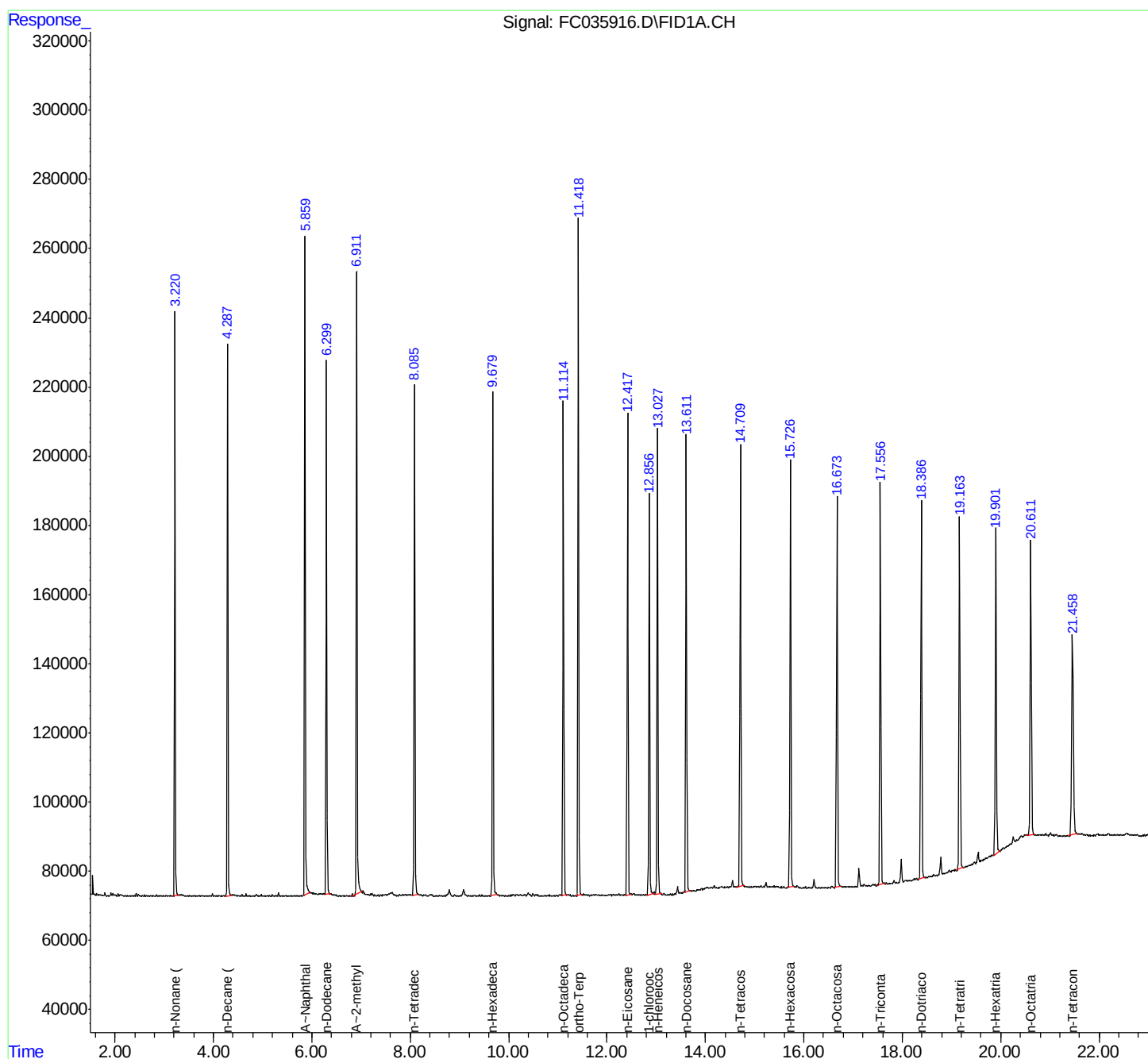
(f)=RT Delta > 1/2 Window

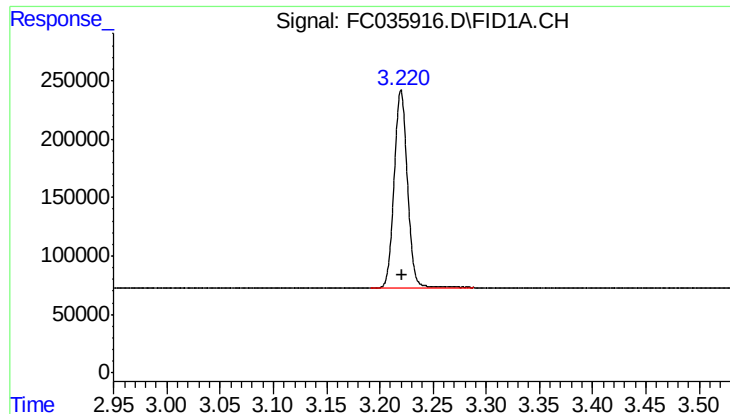
(m)=manual int.

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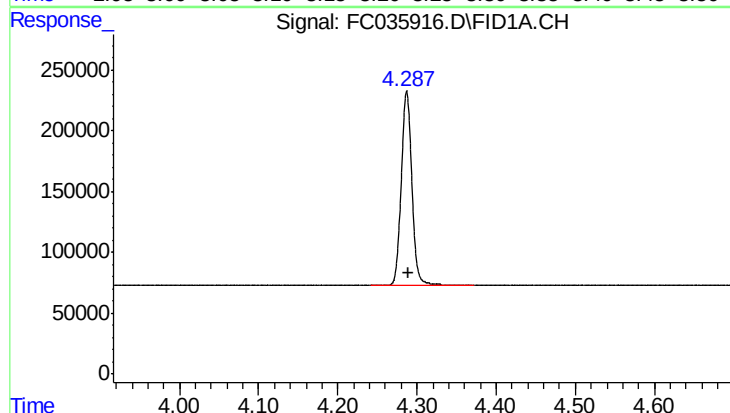
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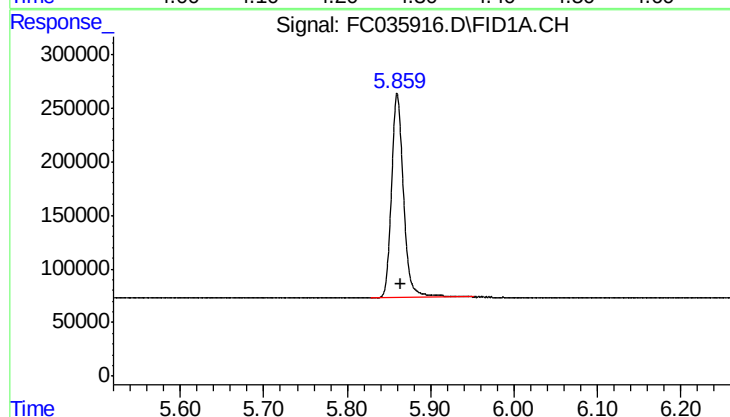
#1 n-Nonane (C9)

R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 1456202
Conc: 20.97 ug/ml



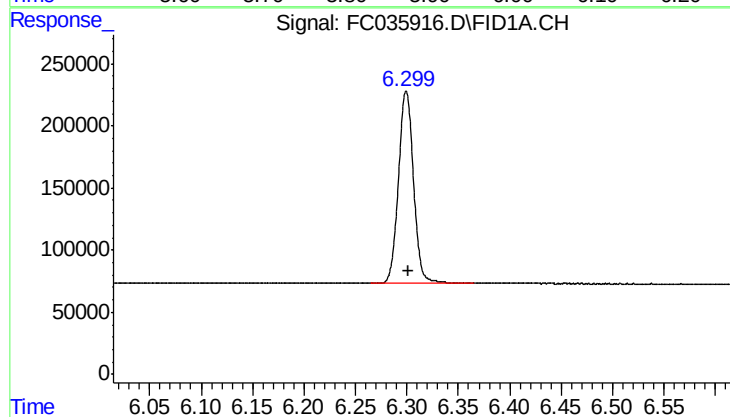
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.002 min
Response: 1497328
Conc: 21.28 ug/ml



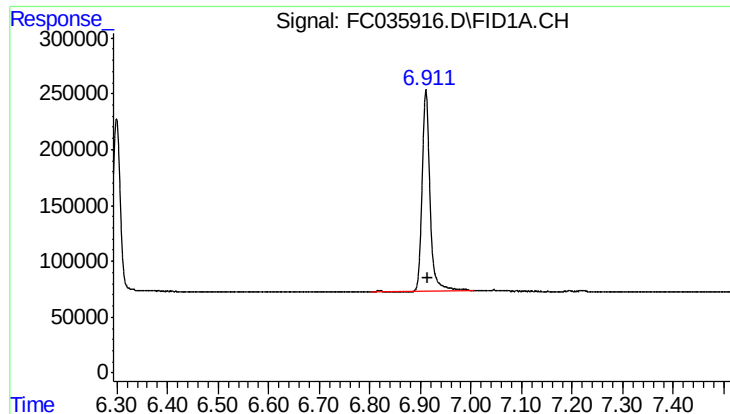
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.005 min
Response: 1910817
Conc: 23.76 ug/ml



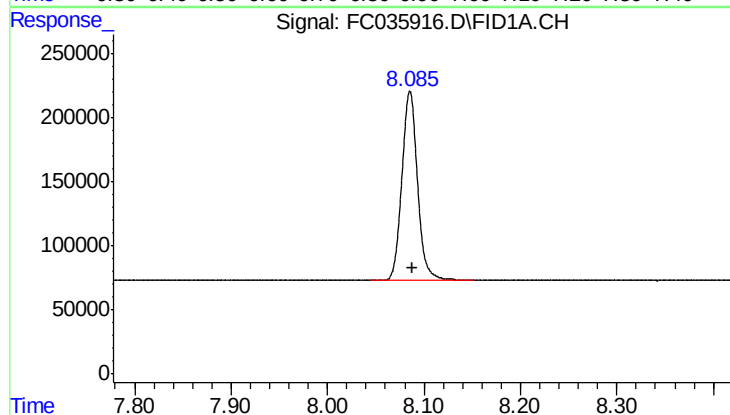
#4 n-Dodecane (C12)

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 1581948
Conc: 21.56 ug/ml



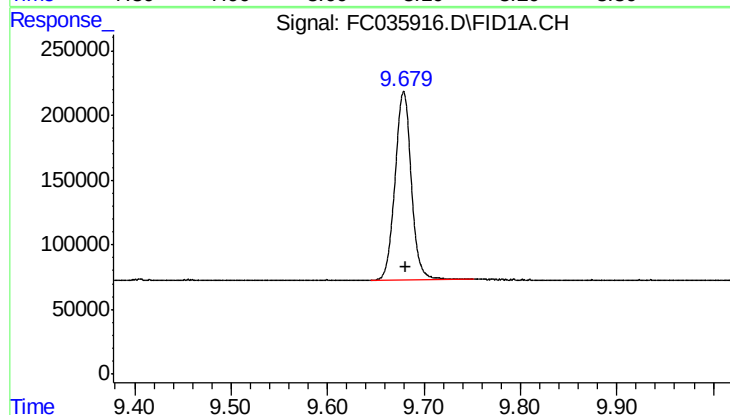
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 1920201
Conc: 23.45 ug/ml



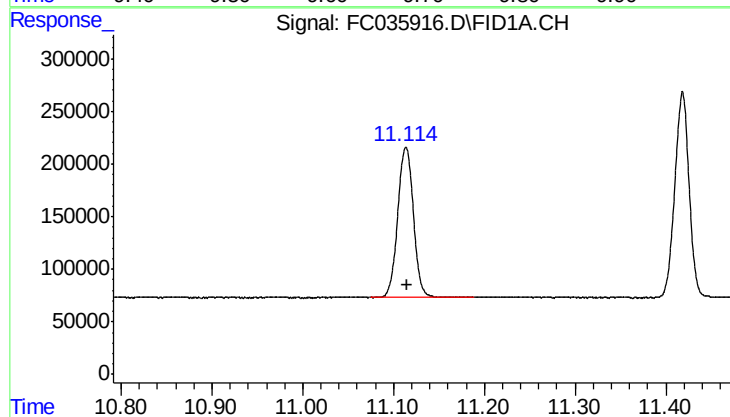
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 1667107
Conc: 21.29 ug/ml



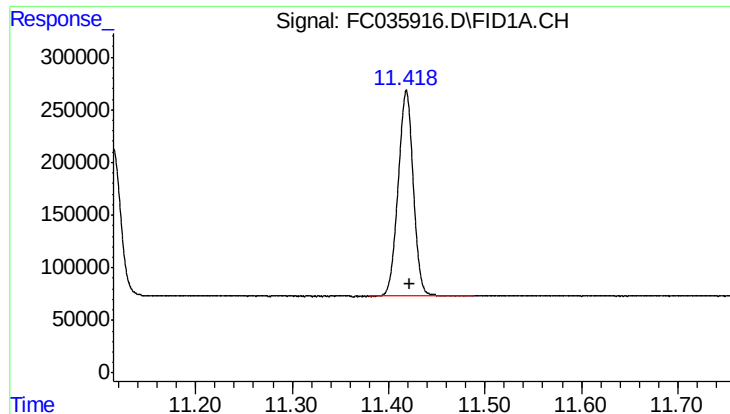
#7 n-Hexadecane (C16)

R.T.: 9.679 min
Delta R.T.: -0.002 min
Response: 1711997
Conc: 20.30 ug/ml



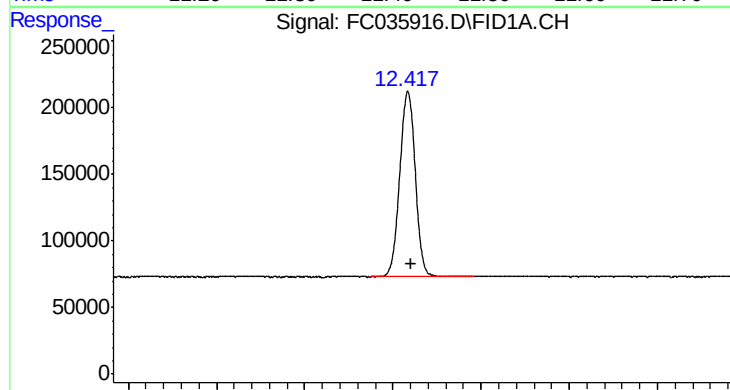
#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: -0.002 min
Response: 1722684
Conc: 19.46 ug/ml



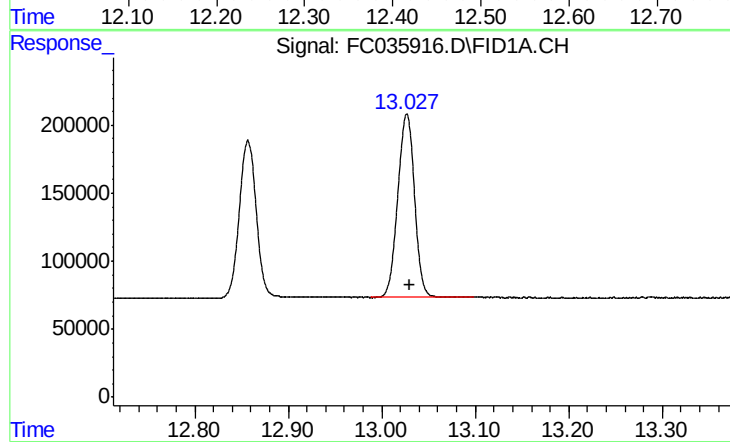
#9 ortho-Terphenyl (SURRE)

R.T.: 11.418 min
Delta R.T.: -0.004 min
Response: 2141910
Conc: 21.15 ug/ml



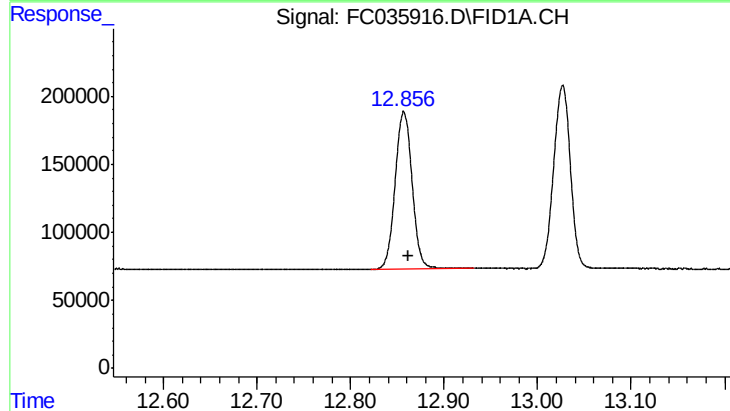
#10 n-Eicosane (C20)

R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 1709820
Conc: 18.98 ug/ml



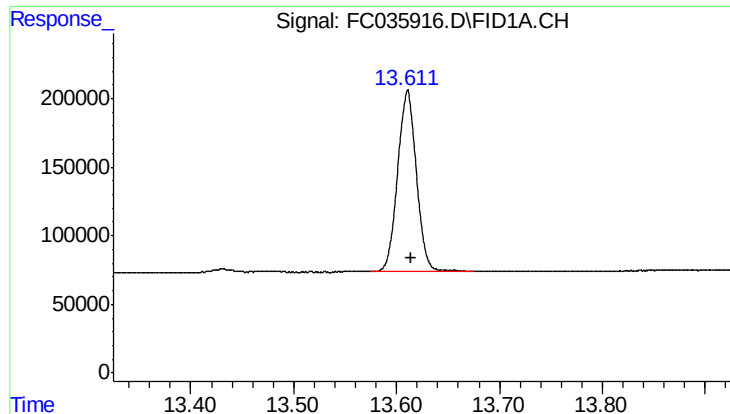
#11 n-Heneicosane (C21)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 1679517
Conc: 18.75 ug/ml



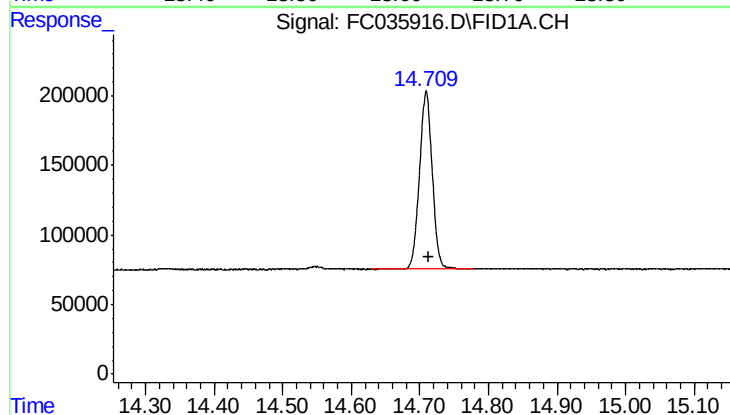
#12 1-chlorooctadecane (SURRE)

R.T.: 12.857 min
Delta R.T.: -0.004 min
Response: 1457939
Conc: 18.92 ug/ml



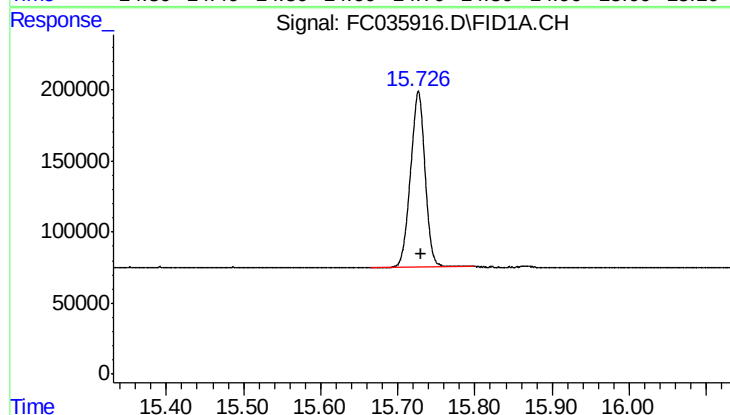
#13 n-Docosane (C22)

R.T.: 13.611 min
Delta R.T.: -0.004 min
Response: 1664164
Conc: 18.95 ug/ml



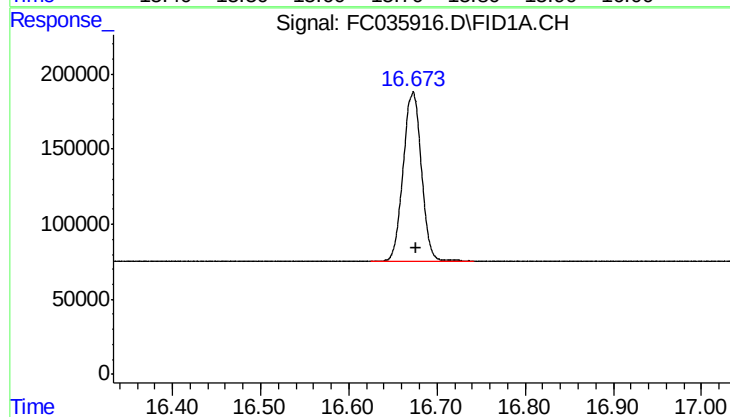
#14 n-Tetracosane (C24)

R.T.: 14.709 min
Delta R.T.: -0.004 min
Response: 1647194
Conc: 19.18 ug/ml



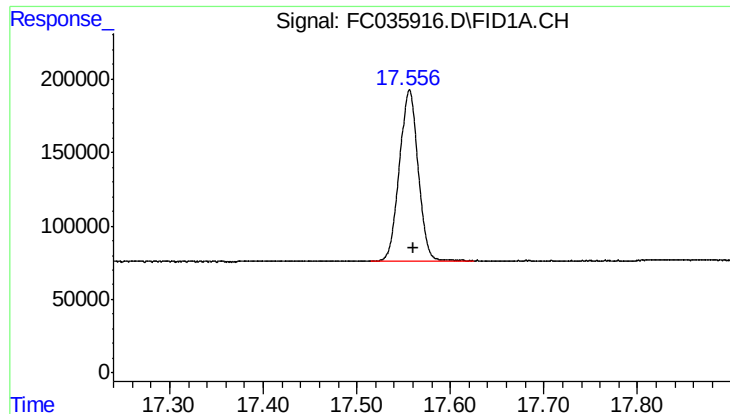
#15 n-Hexacosane (C26)

R.T.: 15.727 min
Delta R.T.: -0.004 min
Response: 1620029
Conc: 19.28 ug/ml



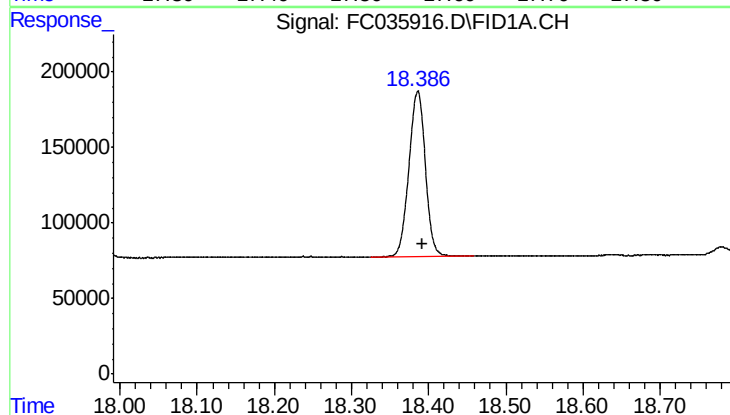
#16 n-Octacosane (C28)

R.T.: 16.673 min
Delta R.T.: -0.004 min
Response: 1622711
Conc: 18.62 ug/ml



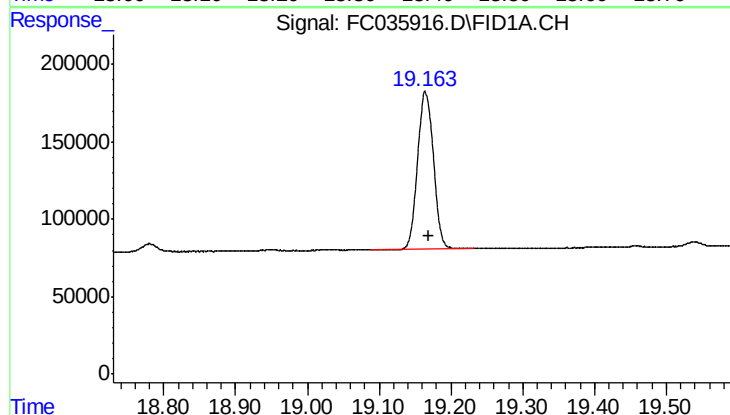
#17 n-Tricontane (C30)

R.T.: 17.556 min
Delta R.T.: -0.005 min
Response: 1617941
Conc: 16.56 ug/ml



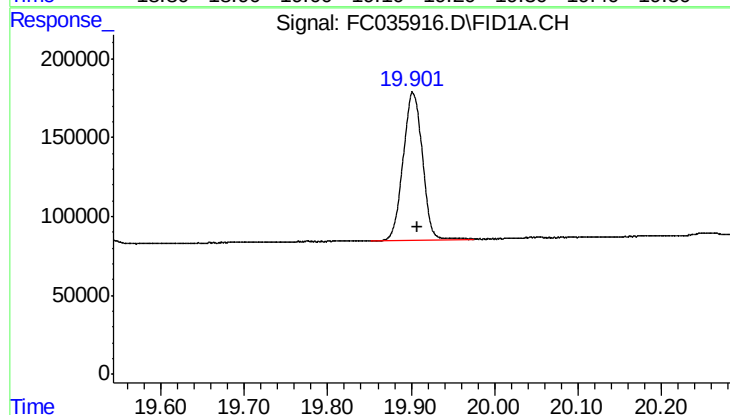
#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: -0.005 min
Response: 1630862
Conc: 17.82 ug/ml



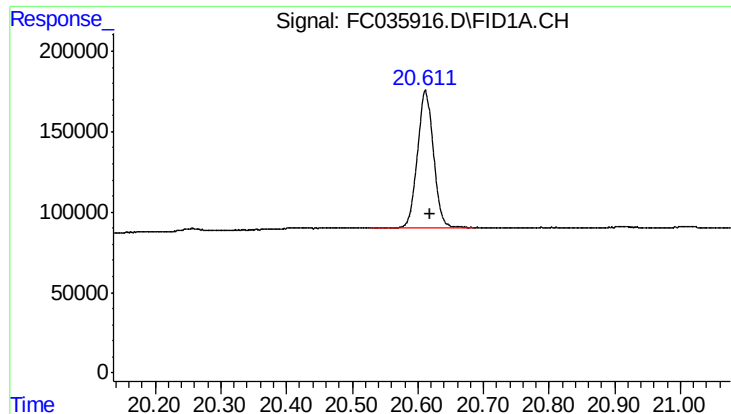
#19 n-Tetratriacontane (C34)

R.T.: 19.165 min
Delta R.T.: -0.005 min
Response: 1565370
Conc: 18.34 ug/ml



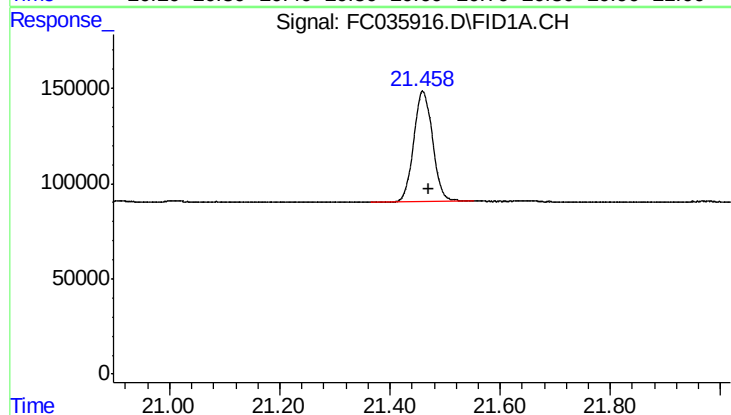
#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: -0.005 min
Response: 1499667
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: -0.007 min
Response: 1434316
Conc: 18.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: -0.011 min
Response: 1384144
Conc: 18.11 ug/ml