

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081718AL\
 Data File : FC035960.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2018 4:57
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 18 05:34:43 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	2100038	20.738 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
12) S 1-chlorooctadecane (S...	12.857	1436078	18.637 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T n-Nonane (C9)	3.216	1417649	20.410 ug/ml
2) T n-Decane (C10)	4.284	1473804	20.942 ug/ml
3) T A-Naphthalene (C11.7)	5.858	1906451	23.704 ug/ml
4) T n-Dodecane (C12)	6.298	1583534	21.584 ug/ml
5) T A-2-methylnaphthalene...	6.909	1921076	23.458 ug/ml
6) T n-Tetradecane (C14)	8.084	1670746	21.332 ug/ml
7) T n-Hexadecane (C16)	9.677	1708249	20.258 ug/ml
8) T n-Octadecane (C18)	11.113	1700564	19.212 ug/ml
10) T n-Eicosane (C20)	12.416	1679594	18.642 ug/ml
11) T n-Heneicosane (C21)	13.026	1656262	18.494 ug/ml
13) T n-Docosane (C22)	13.610	1655911	18.857 ug/ml
14) T n-Tetracosane (C24)	14.710	1637740	19.068 ug/ml
15) T n-Hexacosane (C26)	15.727	1616284	19.234 ug/ml
16) T n-Octacosane (C28)	16.674	1635793	18.766 ug/ml
17) T n-Tricontane (C30)	17.556	1665477	17.044 ug/ml
18) T n-Dotriacontane (C32)	18.386	1693702	18.507 ug/ml
19) T n-Tetratriacontane (C34)	19.169	1590759	18.637 ug/ml
20) T n-Hexatriacontane (C36)	19.905	1542081	19.711 ug/ml
21) T n-Octatriacontane (C38)	20.619	1555186	20.351 ug/ml
22) T n-Tetracontane (C40)	21.467	1242536	16.259 ug/ml

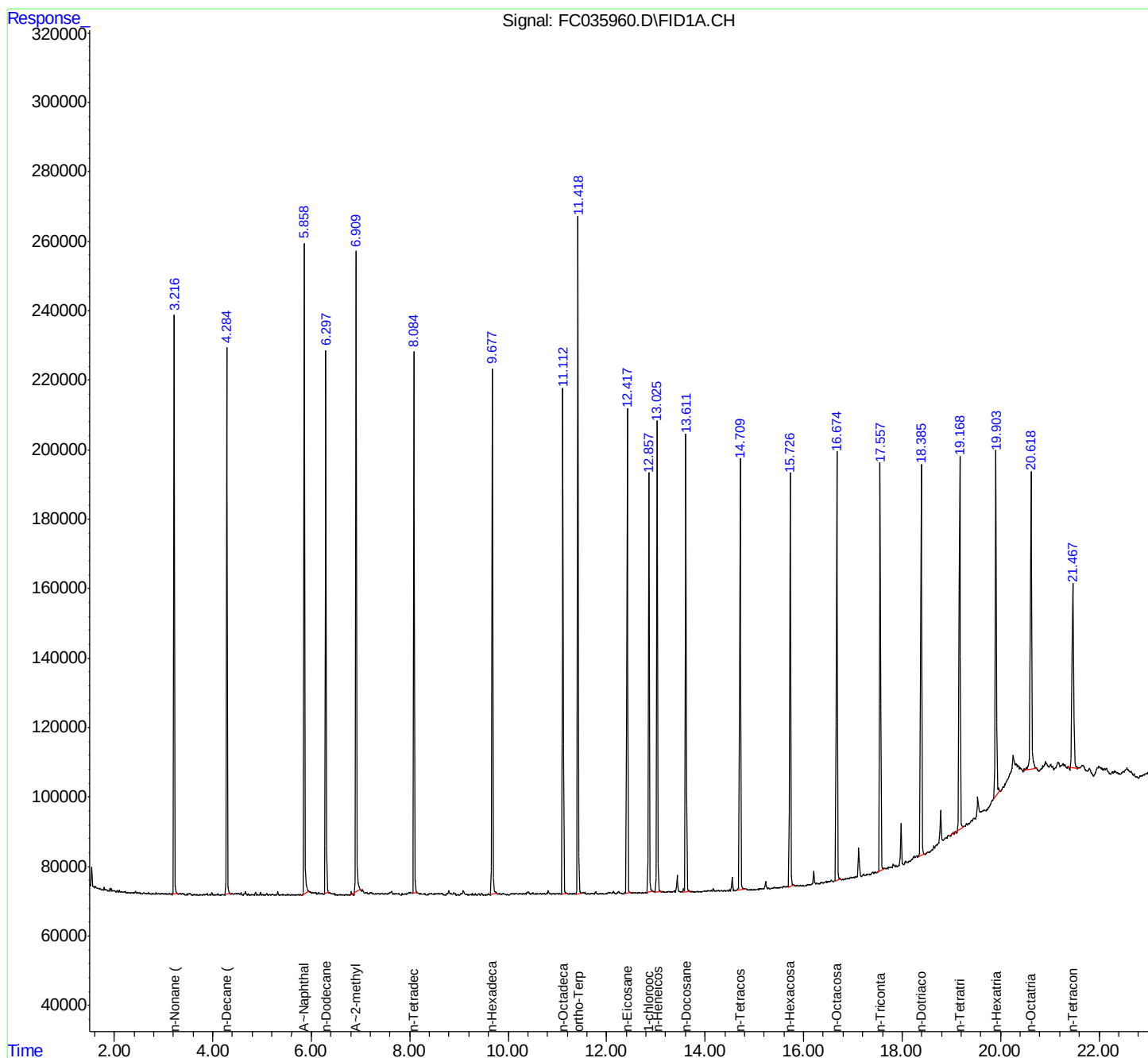
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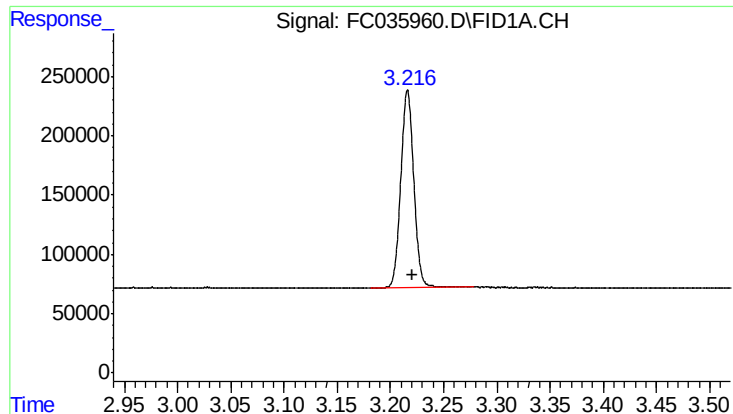
(m)=manual int.

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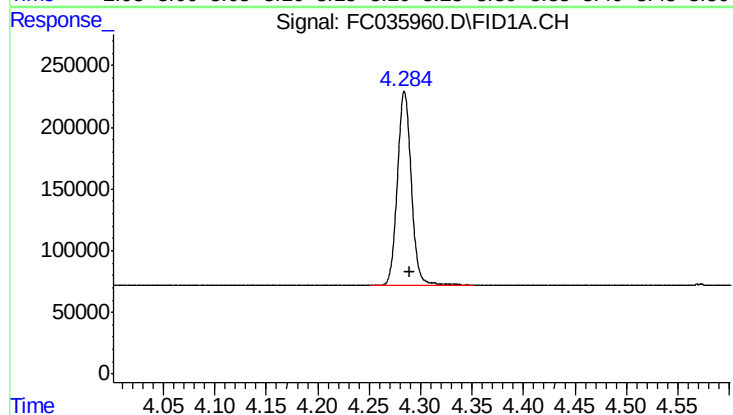
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Signal Info : 20M x 0.18mm x 0.18um





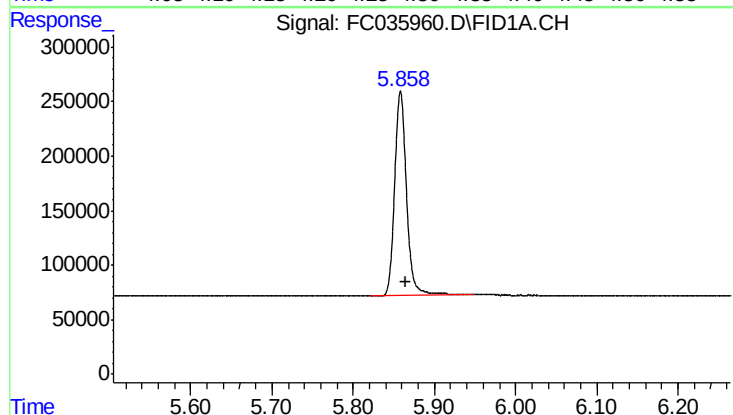
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.004 min
Response: 1417649
Conc: 20.41 ug/ml



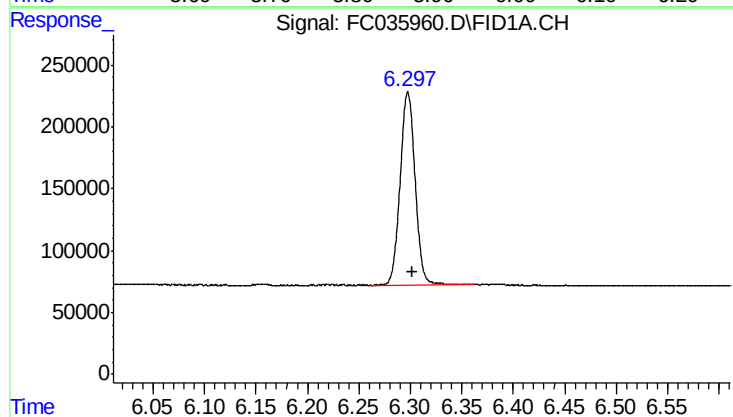
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: -0.005 min
Response: 1473804
Conc: 20.94 ug/ml



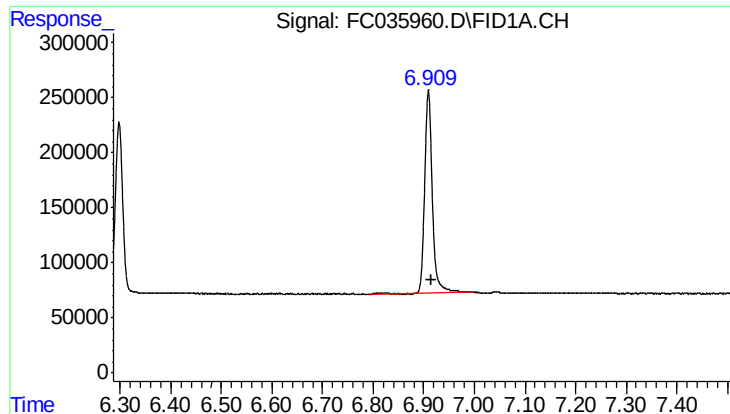
#3 A-Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.006 min
Response: 1906451
Conc: 23.70 ug/ml



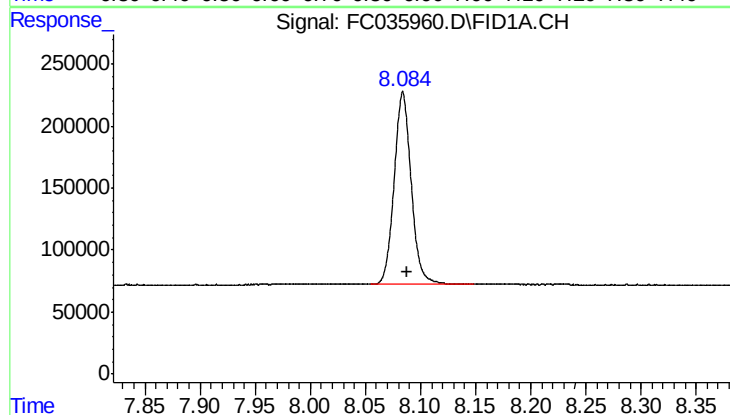
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 1583534
Conc: 21.58 ug/ml



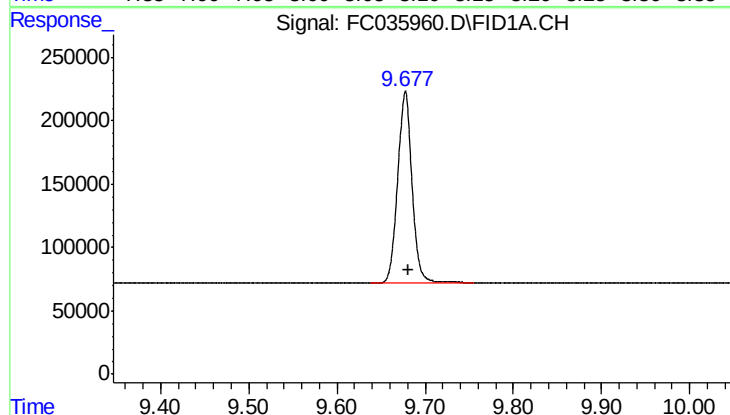
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.005 min
Response: 1921076
Conc: 23.46 ug/ml



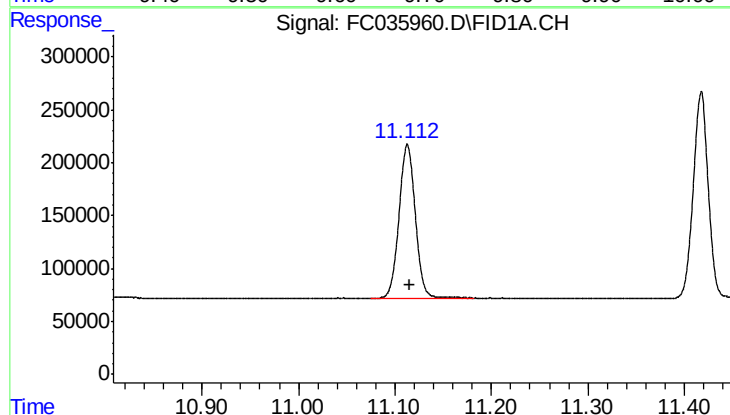
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: -0.004 min
Response: 1670746
Conc: 21.33 ug/ml



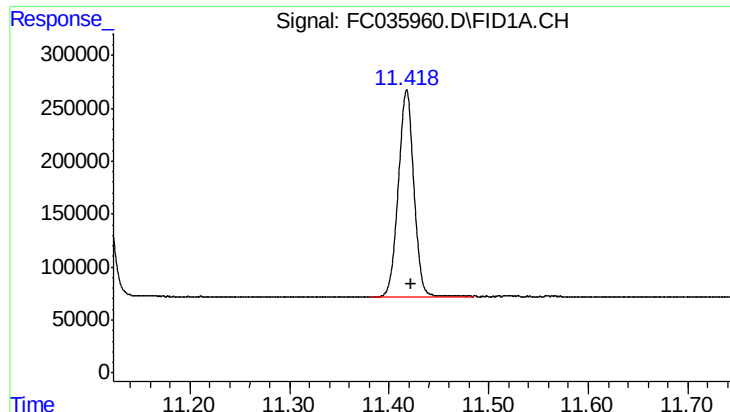
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: -0.004 min
Response: 1708249
Conc: 20.26 ug/ml



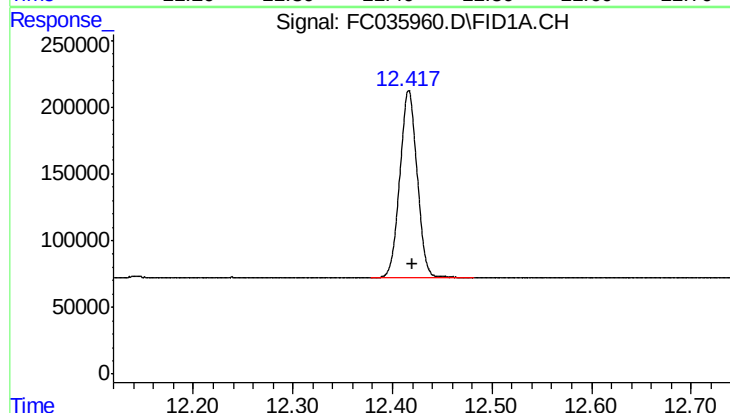
#8 n-Octadecane (C18)

R.T.: 11.113 min
Delta R.T.: -0.003 min
Response: 1700564
Conc: 19.21 ug/ml



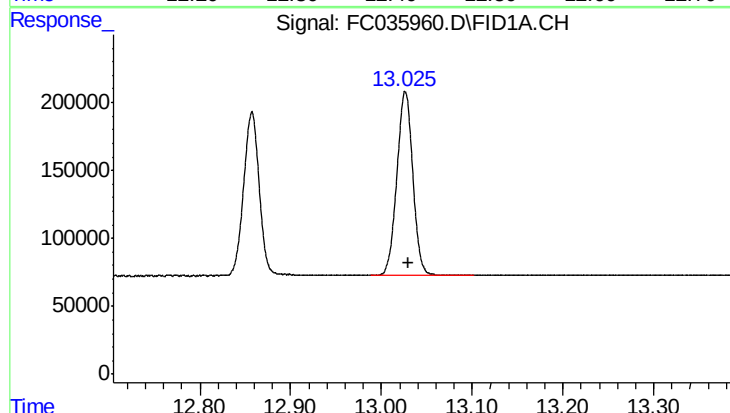
#9 ortho-Terphenyl (SURRE)

R.T.: 11.418 min
Delta R.T.: -0.004 min
Response: 2100038
Conc: 20.74 ug/ml



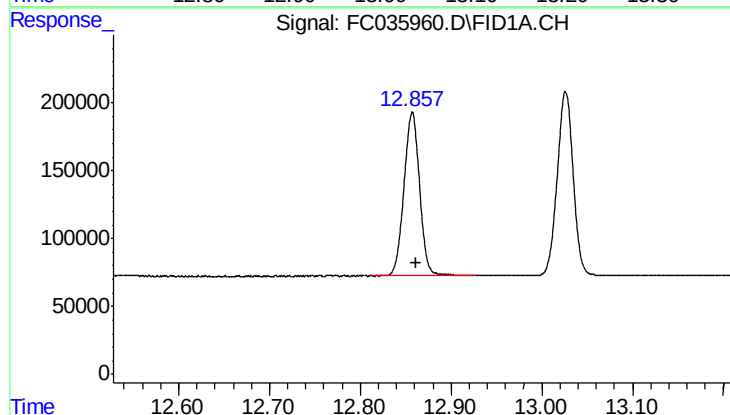
#10 n-Eicosane (C20)

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 1679594
Conc: 18.64 ug/ml



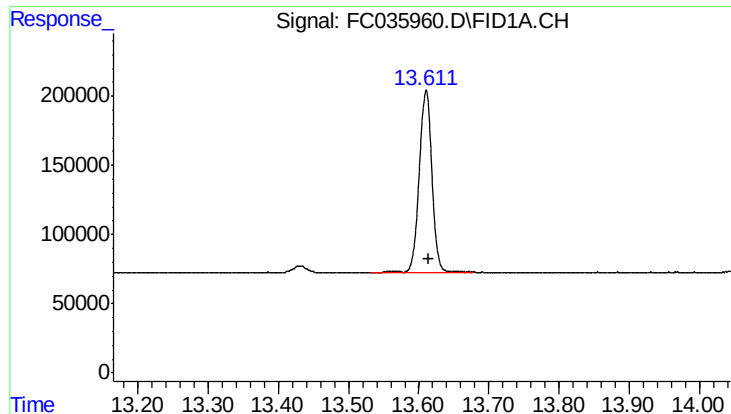
#11 n-Heneicosane (C21)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 1656262
Conc: 18.49 ug/ml



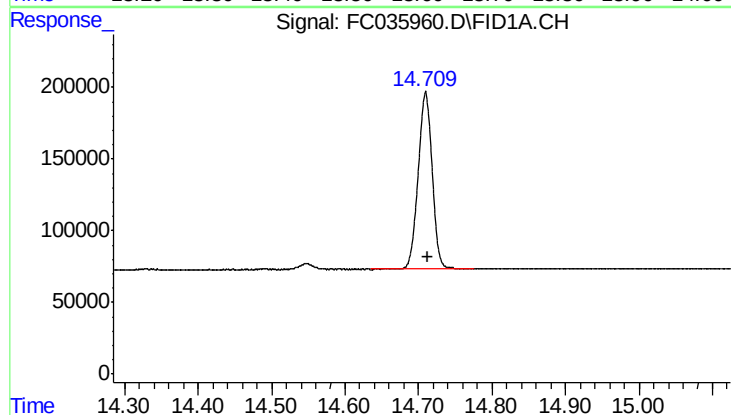
#12 1-chlorooctadecane (SURRE)

R.T.: 12.857 min
Delta R.T.: -0.004 min
Response: 1436078
Conc: 18.64 ug/ml



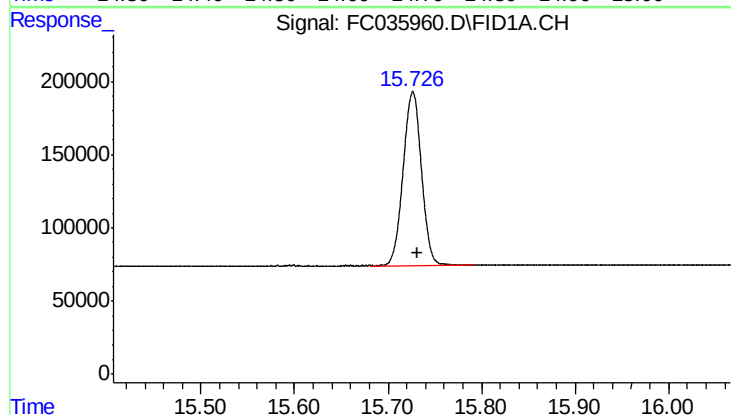
#13 n-Docosane (C22)

R.T.: 13.610 min
Delta R.T.: -0.004 min
Response: 1655911
Conc: 18.86 ug/ml



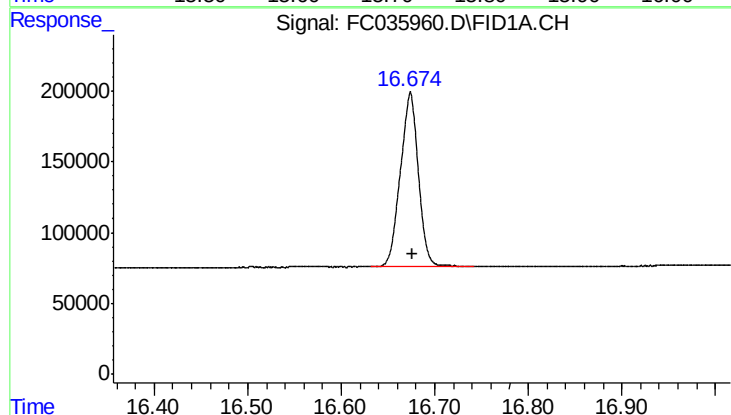
#14 n-Tetracosane (C24)

R.T.: 14.710 min
Delta R.T.: -0.003 min
Response: 1637740
Conc: 19.07 ug/ml



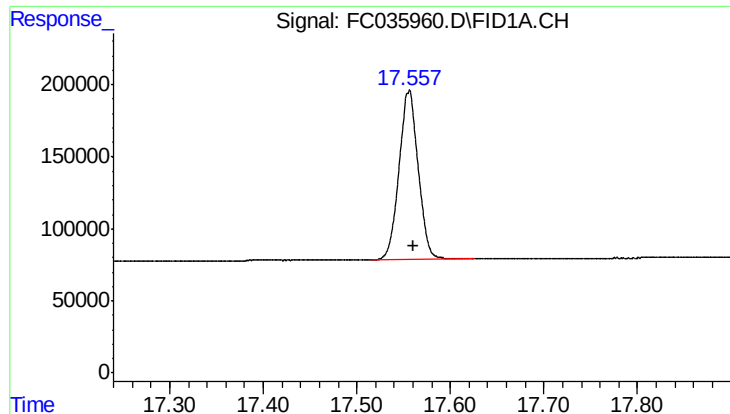
#15 n-Hexacosane (C26)

R.T.: 15.727 min
Delta R.T.: -0.004 min
Response: 1616284
Conc: 19.23 ug/ml



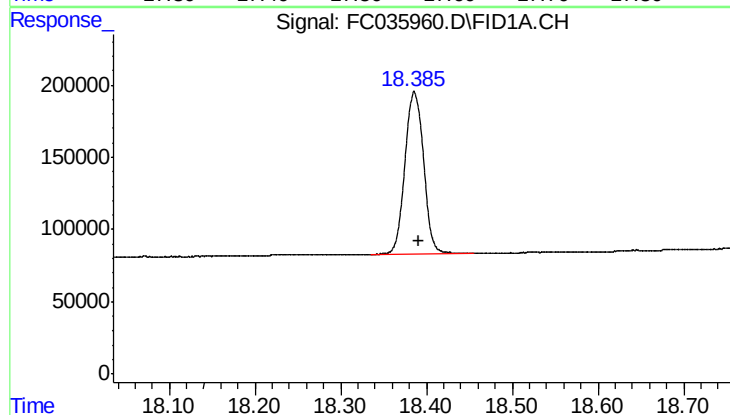
#16 n-Octacosane (C28)

R.T.: 16.674 min
Delta R.T.: -0.003 min
Response: 1635793
Conc: 18.77 ug/ml



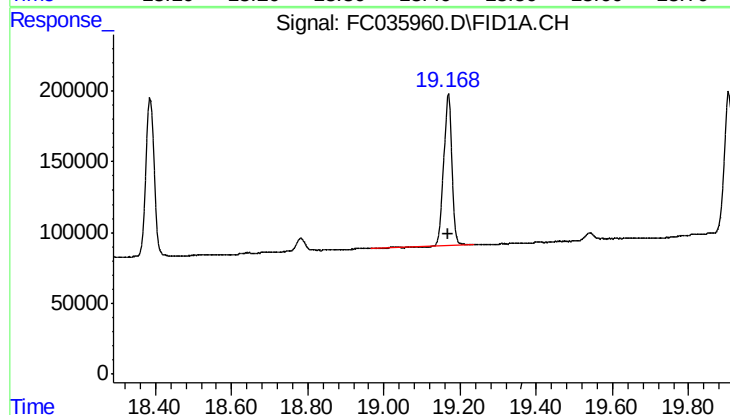
#17 n-Tricontane (C30)

R.T.: 17.556 min
Delta R.T.: -0.005 min
Response: 1665477
Conc: 17.04 ug/ml



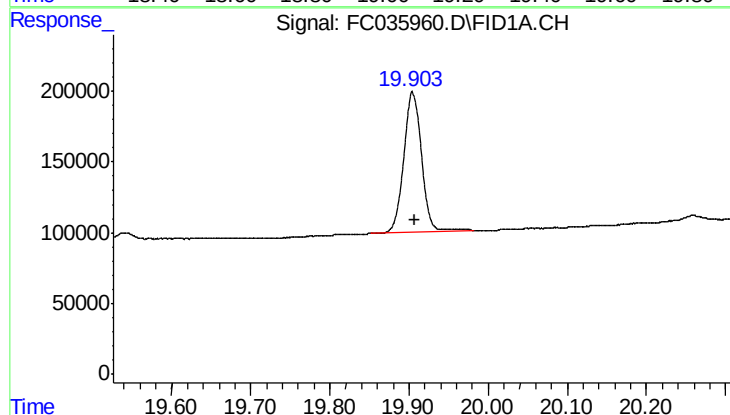
#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: -0.006 min
Response: 1693702
Conc: 18.51 ug/ml



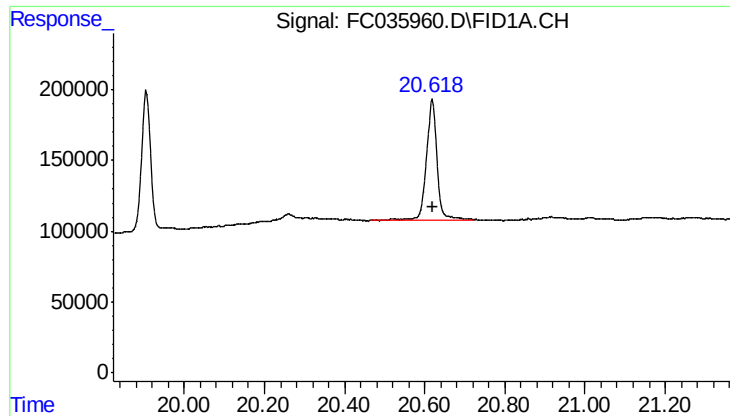
#19 n-Tetratriacontane (C34)

R.T.: 19.169 min
Delta R.T.: 0.000 min
Response: 1590759
Conc: 18.64 ug/ml



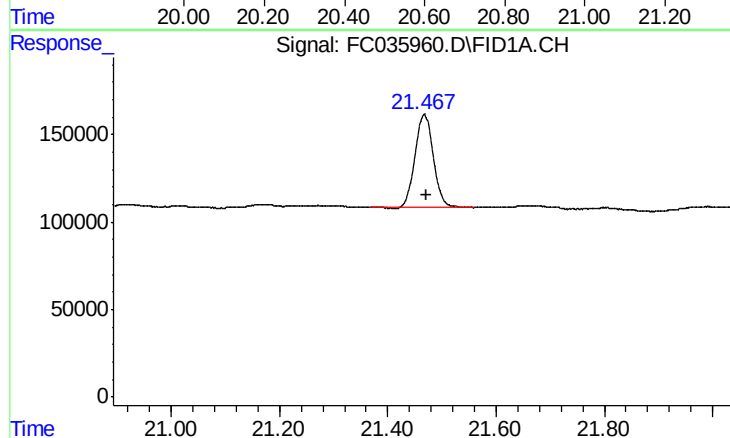
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: -0.003 min
Response: 1542081
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: 0.000 min
Response: 1555186
Conc: 20.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.467 min
Delta R.T.: -0.003 min
Response: 1242536
Conc: 16.26 ug/ml