

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080118AL\
 Data File : FC035727.D
 Signal(s) : FID1A.CH
 Acq On : 02 Aug 2018 1:11
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 07:37:58 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 072118.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 23 09:18:55 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)	11.425	1643771	16.334 ug/ml
Spiked Amount 50.000		Recovery =	32.67%
12) S 1-chlorooctadecane (S...	12.865	1069111	14.296 ug/ml
Spiked Amount 50.000		Recovery =	28.59%
Target Compounds			
1) T n-Nonane (C9)	3.221	1260084	16.025 ug/mlm
2) T n-Decane (C10)	4.291	1253211	15.922 ug/ml
3) T A~Naphthalene (C11.7)	5.865	1609684	17.904 ug/mlm
4) T n-Dodecane (C12)	6.305	1300911	15.801 ug/ml
5) T A~2-methylnaphthalene...	6.916	1612672	17.591 ug/mlm
6) T n-Tetradecane (C14)	8.091	1301596	15.180 ug/mlm
7) T n-Hexadecane (C16)	9.685	1278900	14.380 ug/mlm
8) T n-Octadecane (C18)	11.119	1230100	13.123 ug/mlm
10) T n-Eicosane (C20)	12.425	1232440	13.542 ug/ml
11) T n-Heneicosane (C21)	13.034	1214810	14.135 ug/ml
13) T n-Docosane (C22)	13.617	1225413	14.231 ug/ml
14) T n-Tetracosane (C24)	14.716	1243345	14.868 ug/ml
15) T n-Hexacosane (C26)	15.733	1279908	15.625 ug/ml
16) T n-Octacosane (C28)	16.679	1309990	15.739 ug/ml
17) T n-Tricontane (C30)	17.563	1289267	15.604 ug/ml
18) T n-Dotriacontane (C32)	18.392	1251499	14.000 ug/ml
19) T n-Tetratriacontane (C34)	19.170	1210046	15.028 ug/mlm
20) T n-Hexatriacontane (C36)	19.911	1151520	14.553 ug/mlm
21) T n-Octatriacontane (C38)	20.619	1141602	14.640 ug/mlm
22) T n-Tetracontane (C40)	21.469	1137288	12.546 ug/mlm

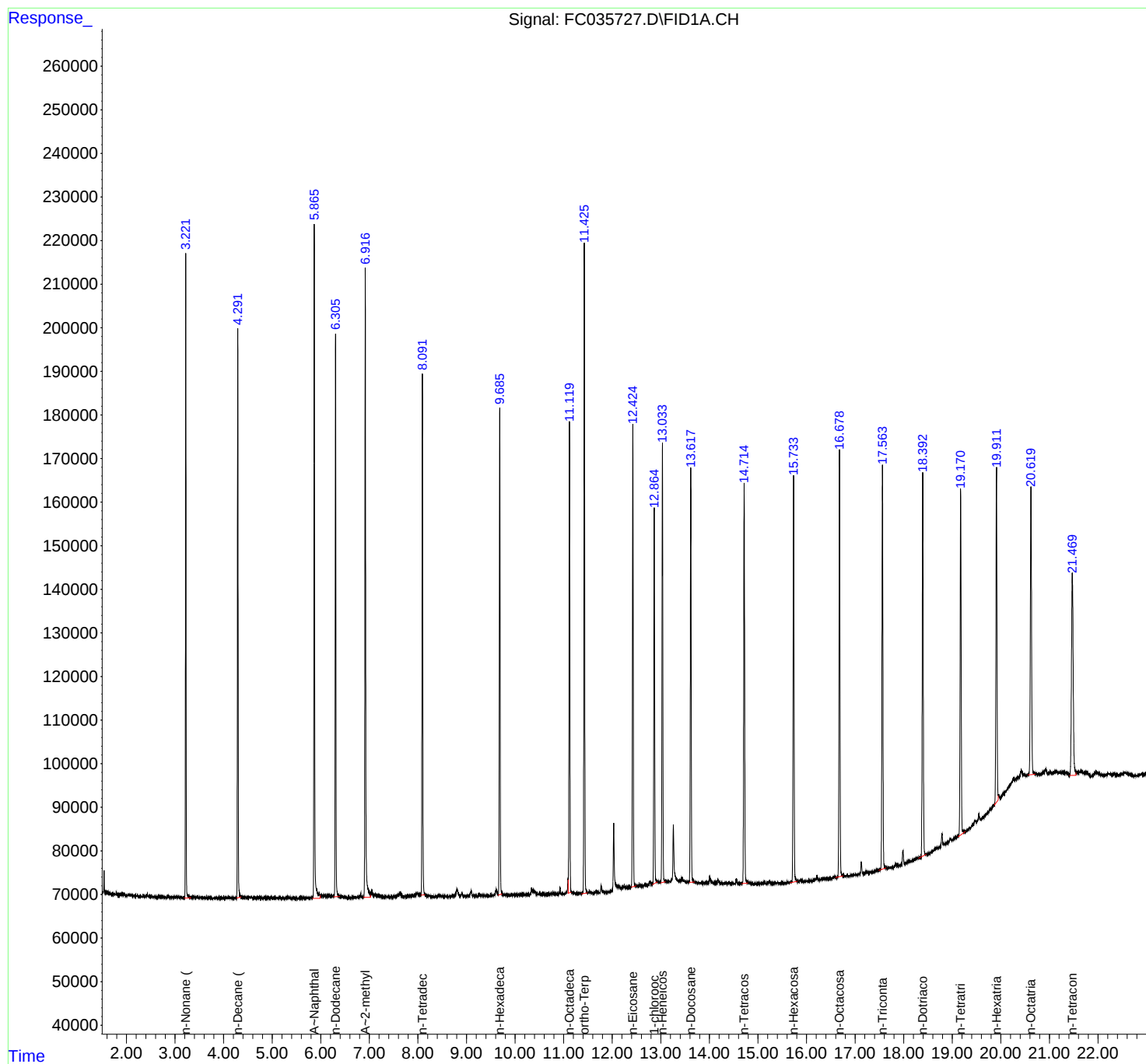
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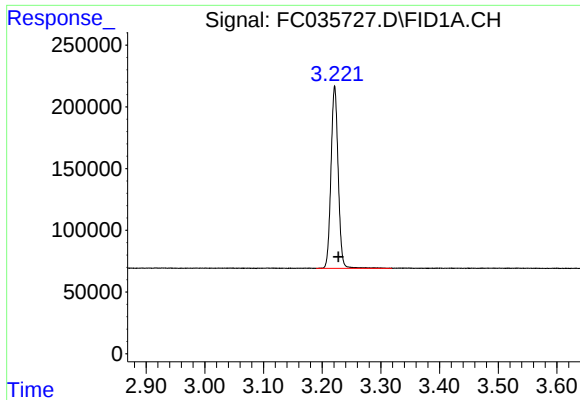
(m)=manual int.

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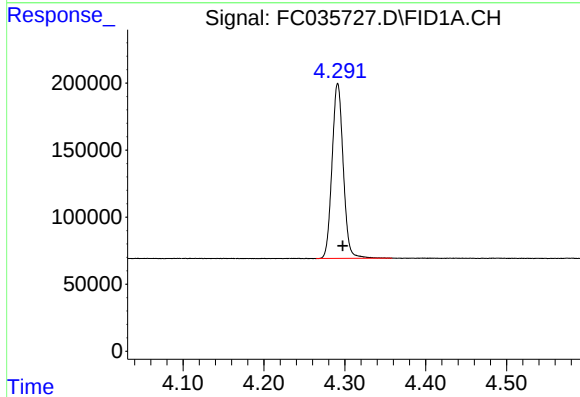
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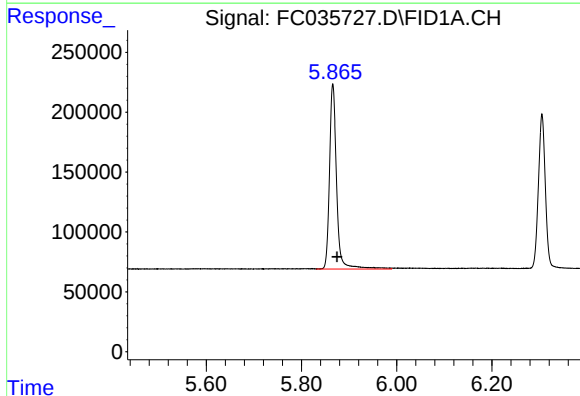
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.007 min
Response: 1260084
Conc: 16.02 ug/ml m



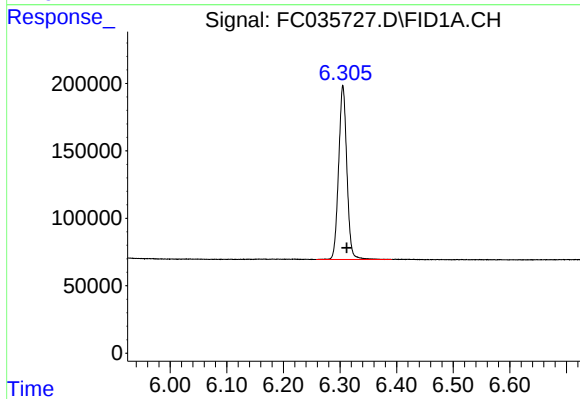
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.006 min
Response: 1253211
Conc: 15.92 ug/ml



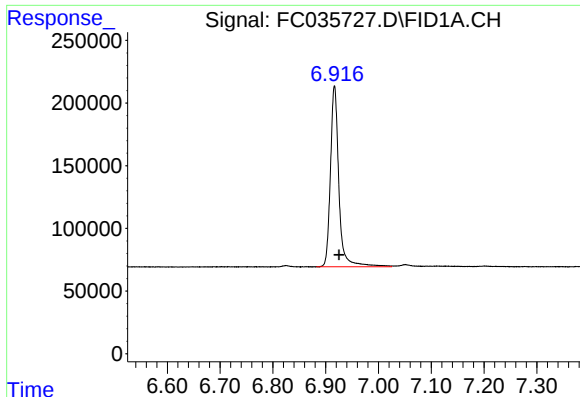
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: -0.009 min
Response: 1609684
Conc: 17.90 ug/ml m



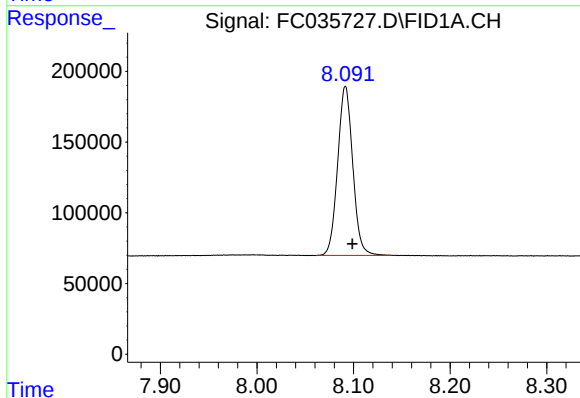
#4 n-Dodecane (C12)

R.T.: 6.305 min
Delta R.T.: -0.007 min
Response: 1300911
Conc: 15.80 ug/ml



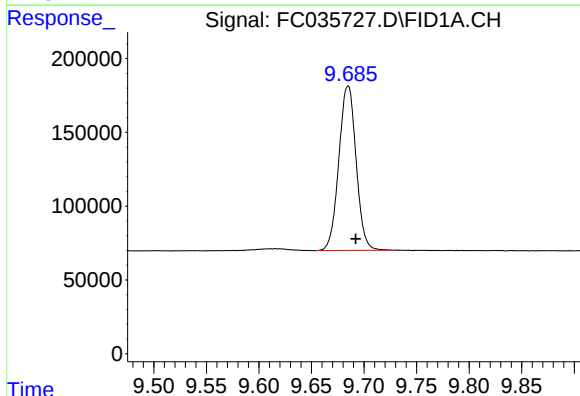
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.916 min
Delta R.T.: -0.009 min
Response: 1612672
Conc: 17.59 ug/ml m



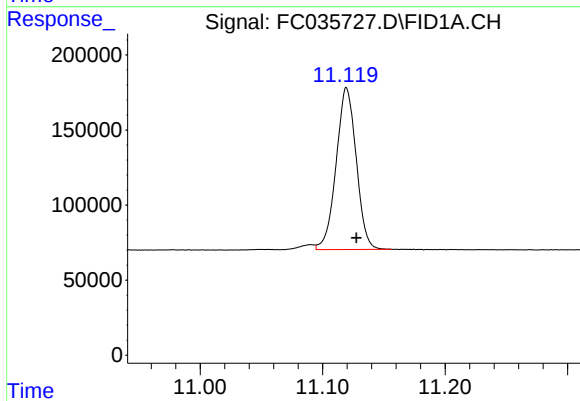
#6 n-Tetradecane (C14)

R.T.: 8.091 min
Delta R.T.: -0.007 min
Response: 1301596
Conc: 15.18 ug/ml m



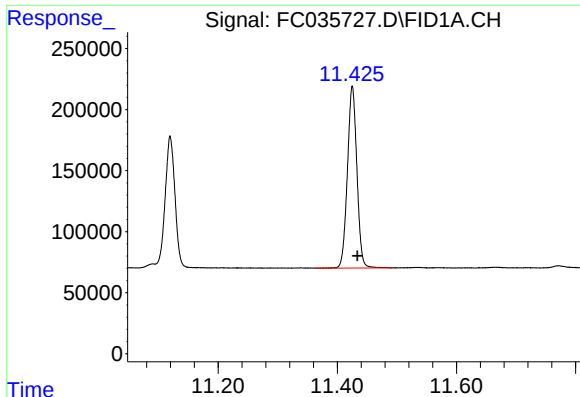
#7 n-Hexadecane (C16)

R.T.: 9.685 min
Delta R.T.: -0.007 min
Response: 1278900
Conc: 14.38 ug/ml m



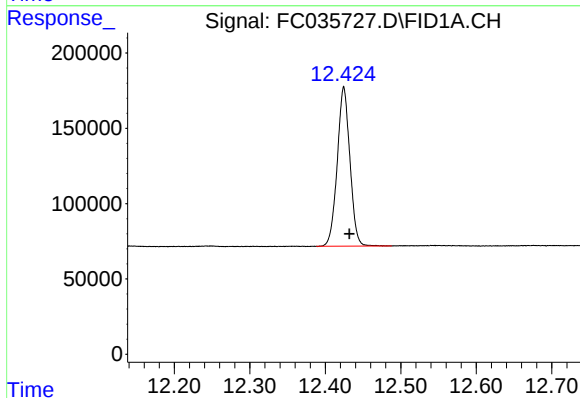
#8 n-Octadecane (C18)

R.T.: 11.119 min
Delta R.T.: -0.009 min
Response: 1230100
Conc: 13.12 ug/ml m



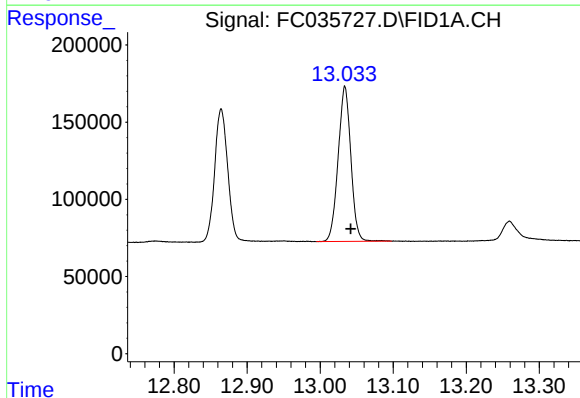
#9 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.009 min
Response: 1643771
Conc: 16.33 ug/ml



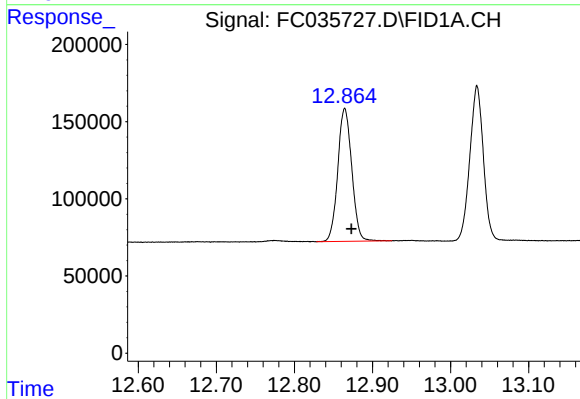
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: -0.007 min
Response: 1232440
Conc: 13.54 ug/ml



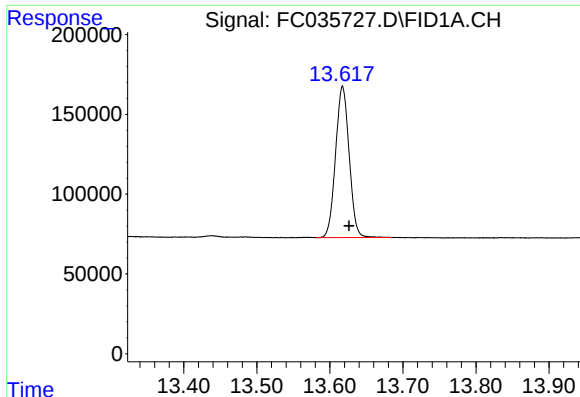
#11 n-Heneicosane (C21)

R.T.: 13.034 min
Delta R.T.: -0.008 min
Response: 1214810
Conc: 14.14 ug/ml



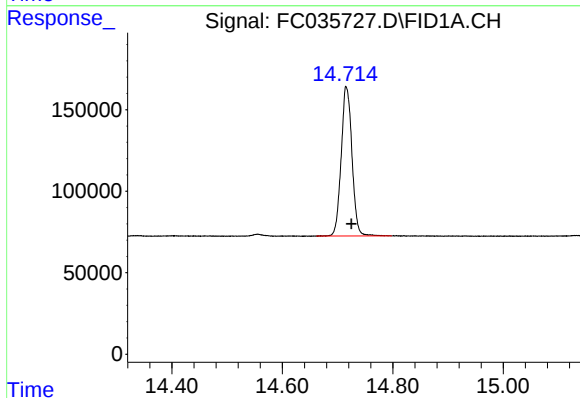
#12 1-chlorooctadecane (SURR)

R.T.: 12.865 min
Delta R.T.: -0.008 min
Response: 1069111
Conc: 14.30 ug/ml



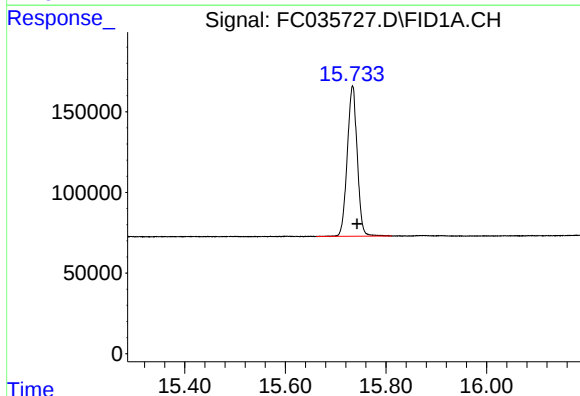
#13 n-Docosane (C22)

R.T.: 13.617 min
Delta R.T.: -0.009 min
Response: 1225413
Conc: 14.23 ug/ml



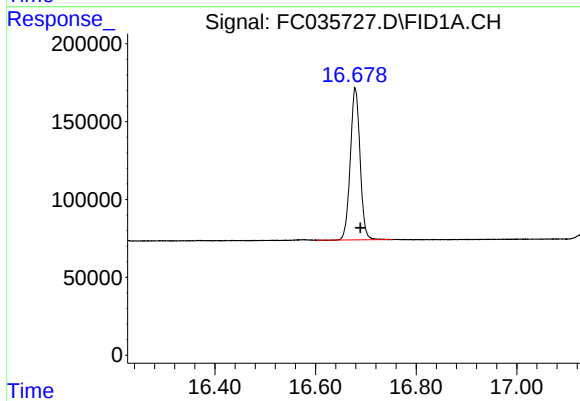
#14 n-Tetracosane (C24)

R.T.: 14.716 min
Delta R.T.: -0.008 min
Response: 1243345
Conc: 14.87 ug/ml



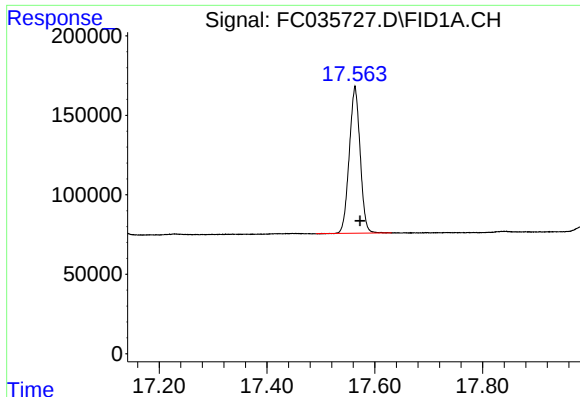
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.010 min
Response: 1279908
Conc: 15.63 ug/ml



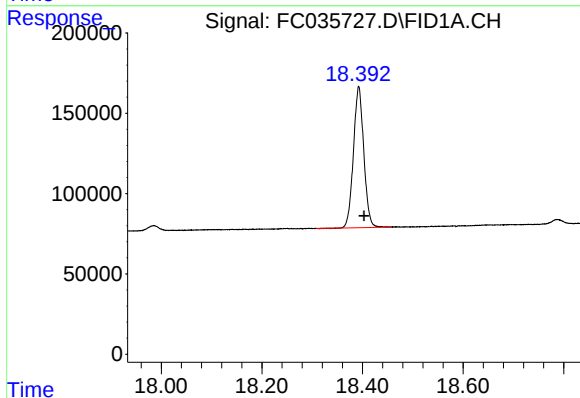
#16 n-Octacosane (C28)

R.T.: 16.679 min
Delta R.T.: -0.010 min
Response: 1309990
Conc: 15.74 ug/ml



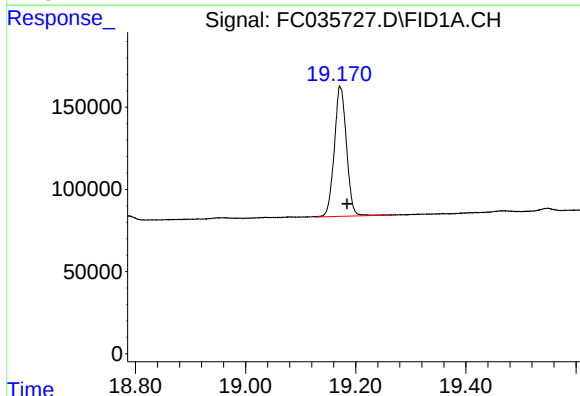
#17 n-Tricontane (C30)

R.T.: 17.563 min
Delta R.T.: -0.009 min
Response: 1289267
Conc: 15.60 ug/ml



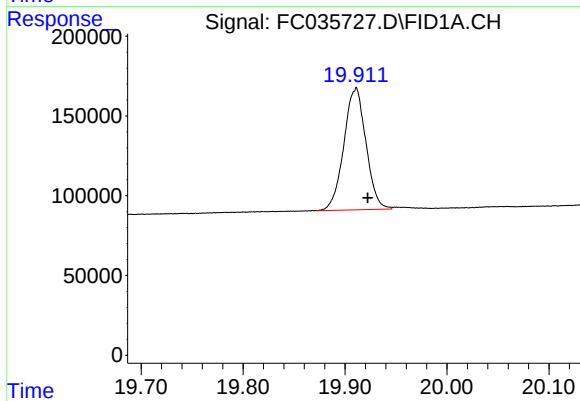
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: -0.011 min
Response: 1251499
Conc: 14.00 ug/ml



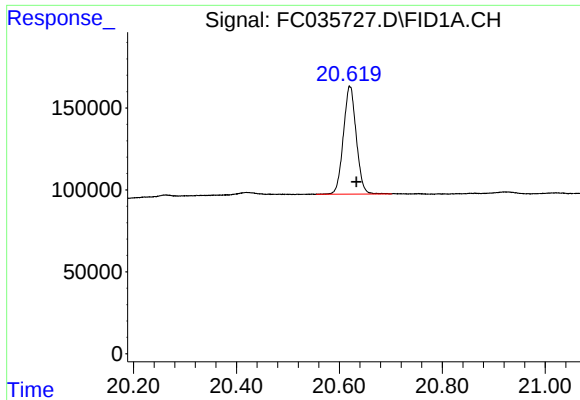
#19 n-Tetratriacontane (C34)

R.T.: 19.170 min
Delta R.T.: -0.014 min
Response: 1210046
Conc: 15.03 ug/ml m



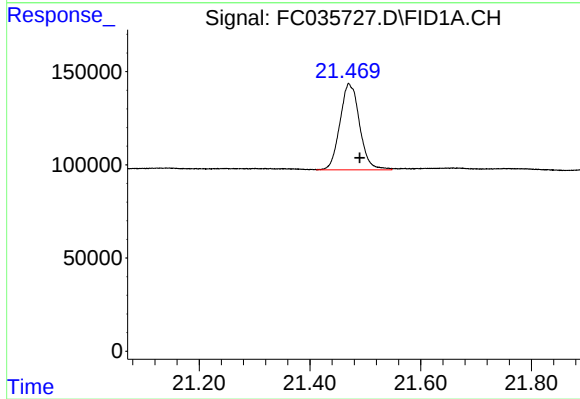
#20 n-Hexatriacontane (C36)

R.T.: 19.911 min
Delta R.T.: -0.011 min
Response: 1151520
Conc: 14.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: -0.014 min
Response: 1141602
Conc: 14.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.469 min
Delta R.T.: -0.021 min
Response: 1137288
Conc: 12.55 ug/ml m