

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121318AL\
 Data File : FC038178.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2018 2:54
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 07:39:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 11 15:29:14 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)	11.279	2433818	18.669 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	12.722	1839517	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.118	2040329	19.619 ug/ml
2) T n-Decane (C10)	4.175	2059648	19.666 ug/ml
3) T A~Naphthalene (C11.7)	5.735	2316137	19.717 ug/ml
4) T n-Dodecane (C12)	6.179	2091154	19.370 ug/ml
5) T A~2-methylnaphthalene...	6.783	2288037	19.473 ug/ml
6) T n-Tetradecane (C14)	7.961	2113529	18.923 ug/ml
7) T n-Hexadecane (C16)	9.550	2137044	18.525 ug/ml
8) T n-Octadecane (C18)	10.981	2139292	17.698 ug/ml
10) T n-Eicosane (C20)	12.283	2157935	17.966 ug/ml
11) T n-Heneicosane (C21)	12.892	2158554	18.602 ug/ml
13) T n-Docosane (C22)	13.475	2165867	18.740 ug/ml
14) T n-Tetracosane (C24)	14.572	2193338	19.103 ug/ml
15) T n-Hexacosane (C26)	15.588	2189967	19.468 ug/ml
16) T n-Octacosane (C28)	16.533	2251000	20.027 ug/ml
17) T n-Tricontane (C30)	17.416	2282999	20.802 ug/ml
18) T n-Dotriacontane (C32)	18.246	2200395	21.483 ug/ml
19) T n-Tetratriacontane (C34)	19.025	1901850	21.581 ug/ml
20) T n-Hexatriacontane (C36)	19.762	1706336	21.780 ug/ml
21) T n-Octatriacontane (C38)	20.459	1628228	21.041 ug/mlm
22) T n-Tetracontane (C40)	21.264	1628290	18.634 ug/ml

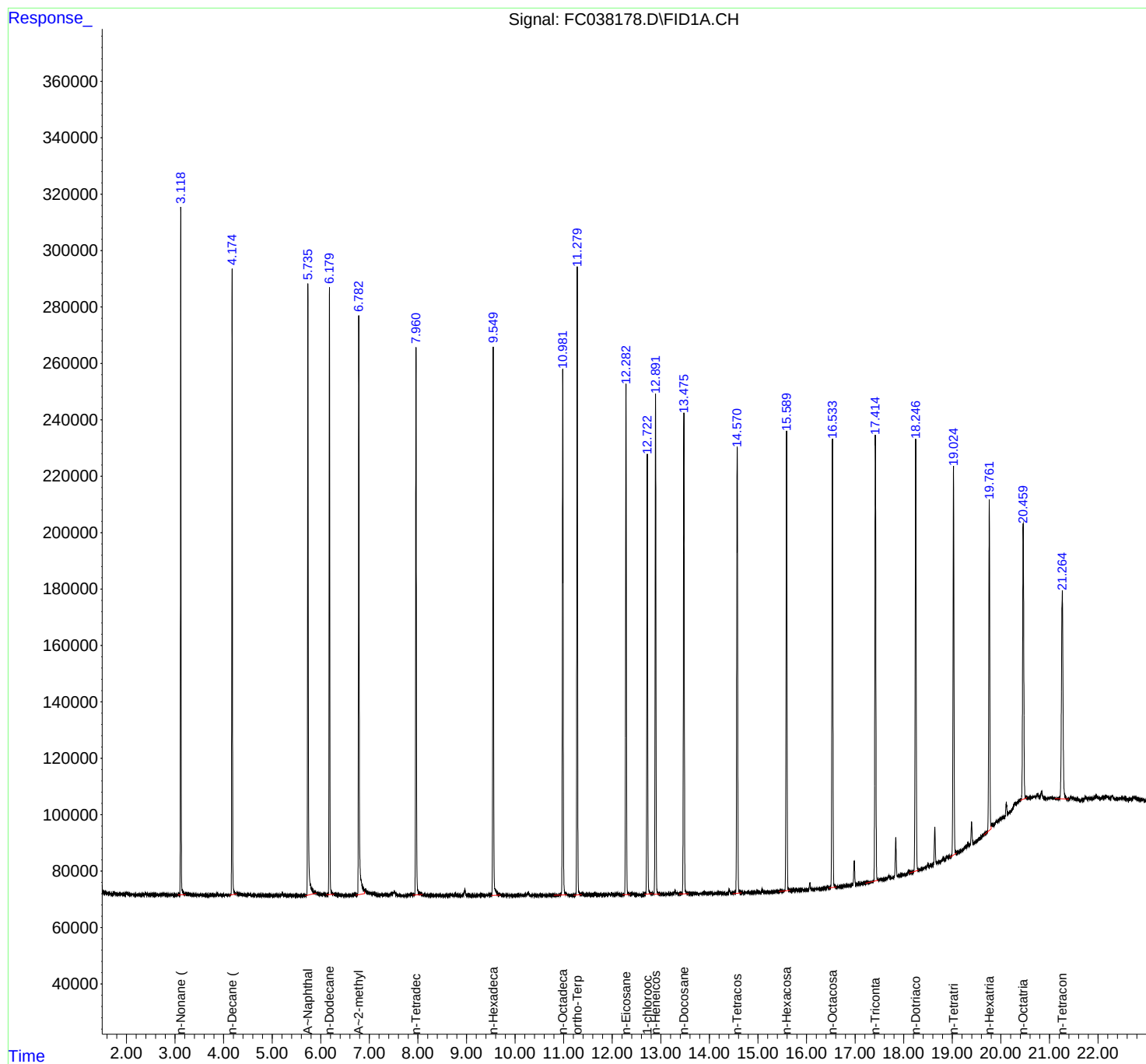
(f)=RT Delta > 1/2 Window

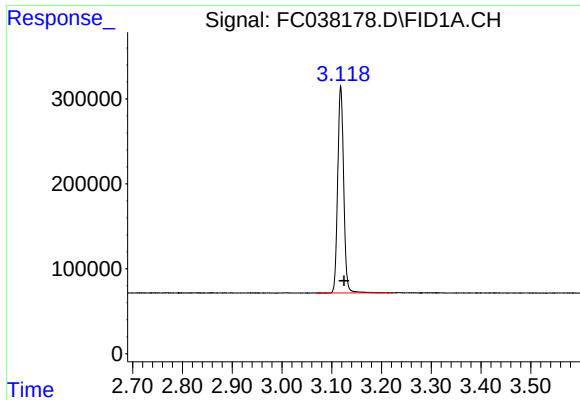
(m)=manual int.

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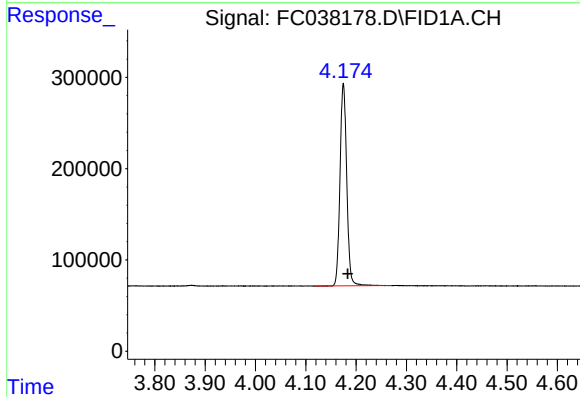
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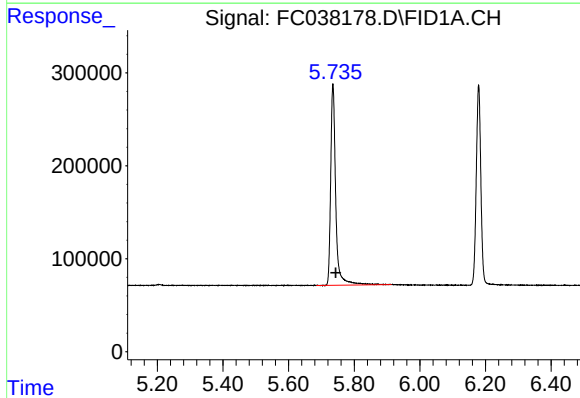
#1 n-Nonane (C9)

R.T.: 3.118 min
Delta R.T.: -0.007 min
Response: 2040329
Conc: 19.62 ug/ml



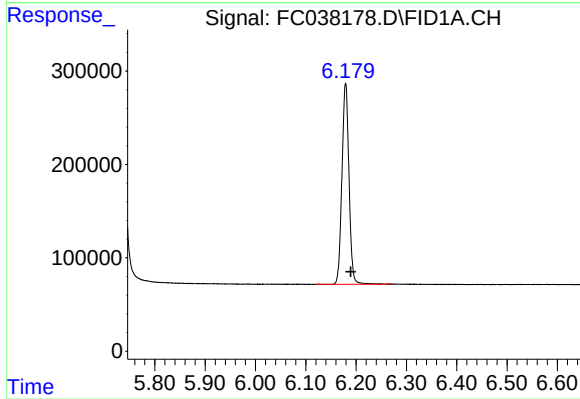
#2 n-Decane (C10)

R.T.: 4.175 min
Delta R.T.: -0.008 min
Response: 2059648
Conc: 19.67 ug/ml



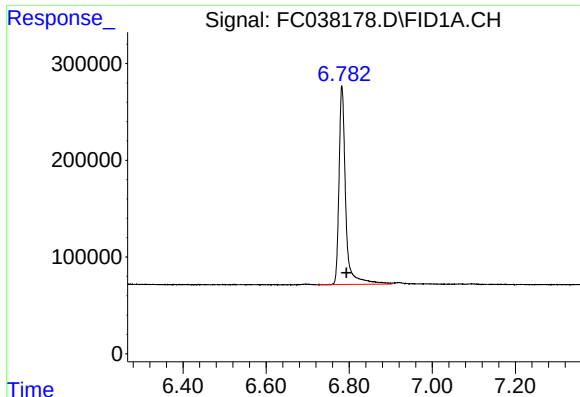
#3 A~Naphthalene (C11.7)

R.T.: 5.735 min
Delta R.T.: -0.008 min
Response: 2316137
Conc: 19.72 ug/ml



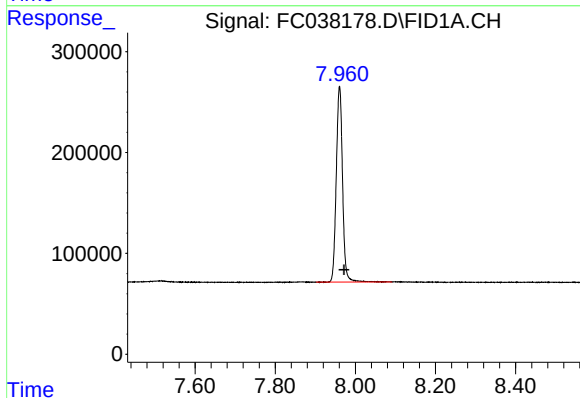
#4 n-Dodecane (C12)

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 2091154
Conc: 19.37 ug/ml



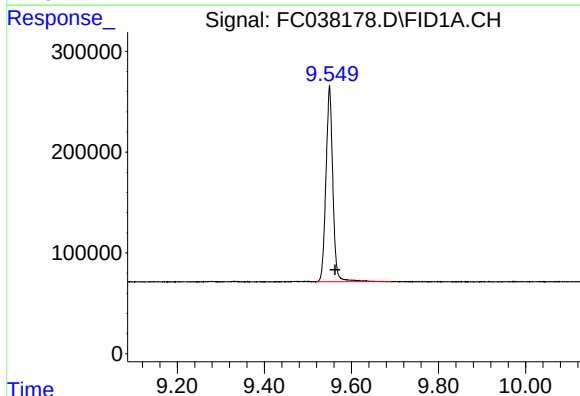
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.783 min
Delta R.T.: -0.011 min
Response: 2288037
Conc: 19.47 ug/ml



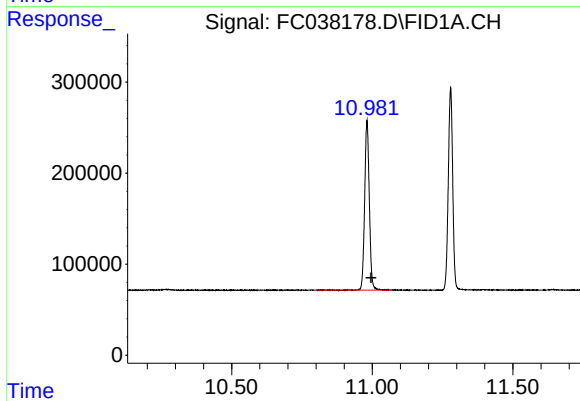
#6 n-Tetradecane (C14)

R.T.: 7.961 min
Delta R.T.: -0.012 min
Response: 2113529
Conc: 18.92 ug/ml



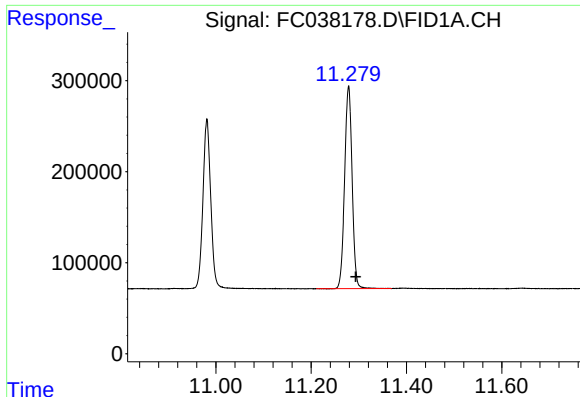
#7 n-Hexadecane (C16)

R.T.: 9.550 min
Delta R.T.: -0.013 min
Response: 2137044
Conc: 18.52 ug/ml



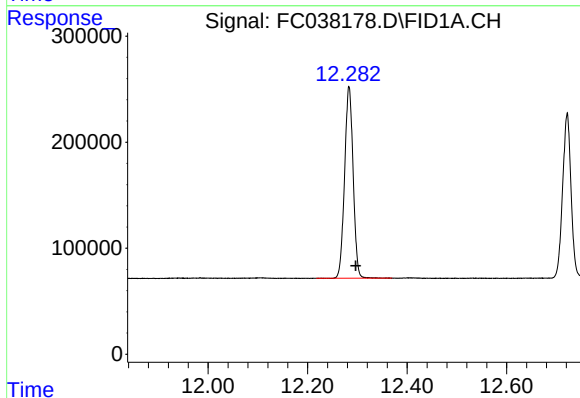
#8 n-Octadecane (C18)

R.T.: 10.981 min
Delta R.T.: -0.015 min
Response: 2139292
Conc: 17.70 ug/ml



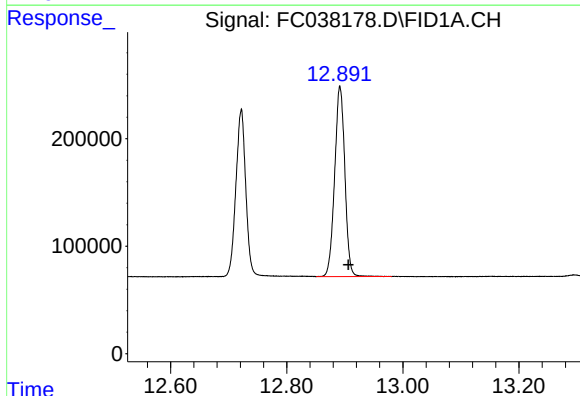
#9 ortho-Terphenyl (SURR)

R.T.: 11.279 min
Delta R.T.: -0.015 min
Response: 2433818
Conc: 18.67 ug/ml



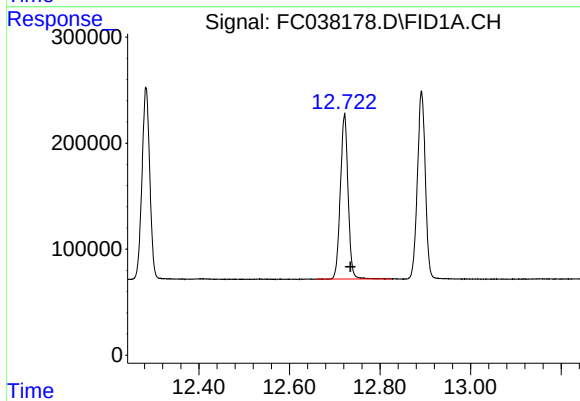
#10 n-Eicosane (C20)

R.T.: 12.283 min
Delta R.T.: -0.014 min
Response: 2157935
Conc: 17.97 ug/ml



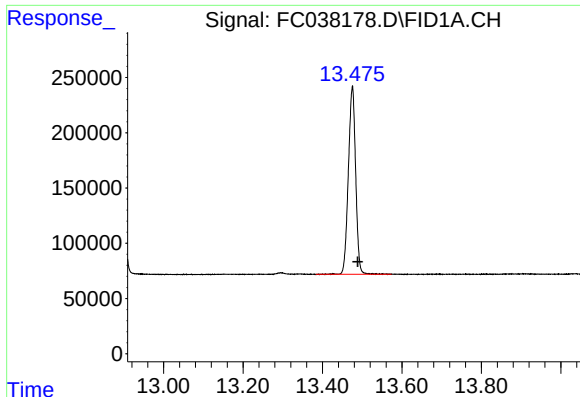
#11 n-Heneicosane (C21)

R.T.: 12.892 min
Delta R.T.: -0.014 min
Response: 2158554
Conc: 18.60 ug/ml



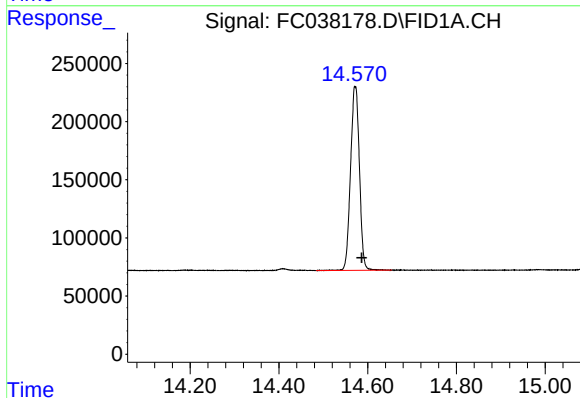
#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: -0.013 min
Response: 1839517
Conc: 18.24 ug/ml



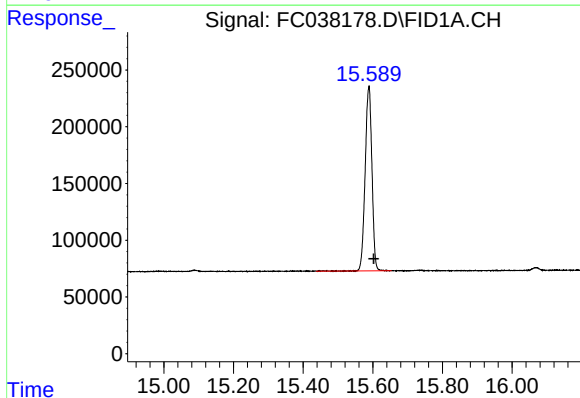
#13 n-Docosane (C22)

R.T.: 13.475 min
Delta R.T.: -0.014 min
Response: 2165867
Conc: 18.74 ug/ml



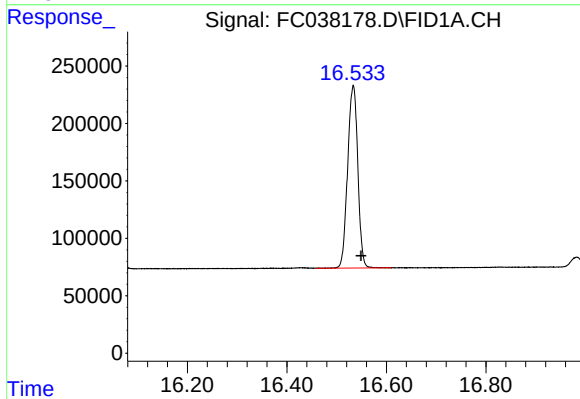
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: -0.015 min
Response: 2193338
Conc: 19.10 ug/ml



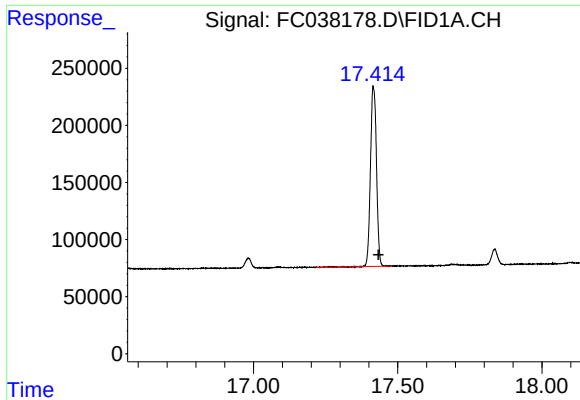
#15 n-Hexacosane (C26)

R.T.: 15.588 min
Delta R.T.: -0.014 min
Response: 2189967
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.533 min
Delta R.T.: -0.016 min
Response: 2251000
Conc: 20.03 ug/ml



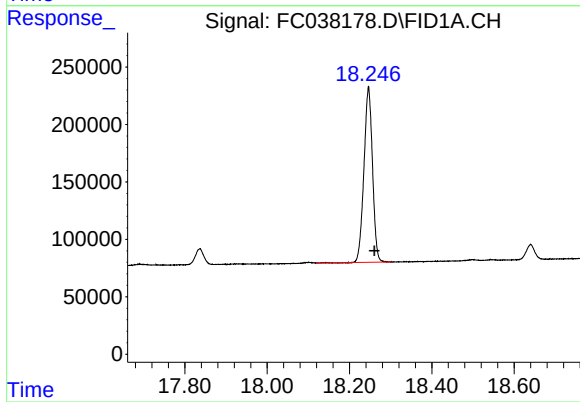
#17 n-Tricontane (C30)

R.T.: 17.416 min

Delta R.T.: -0.017 min

Response: 2282999

Conc: 20.80 ug/ml



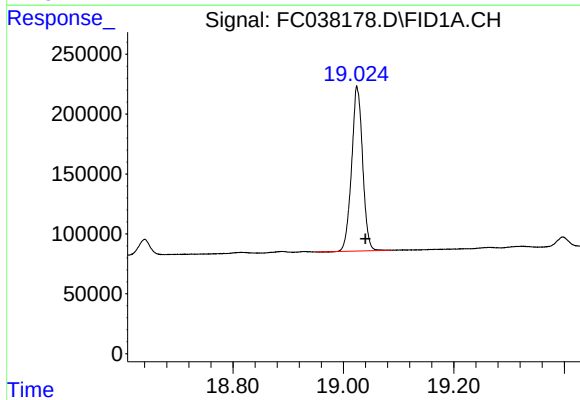
#18 n-Dotriacontane (C32)

R.T.: 18.246 min

Delta R.T.: -0.014 min

Response: 2200395

Conc: 21.48 ug/ml



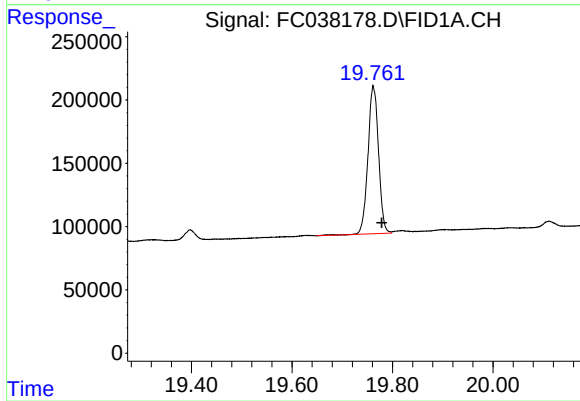
#19 n-Tetratriacontane (C34)

R.T.: 19.025 min

Delta R.T.: -0.015 min

Response: 1901850

Conc: 21.58 ug/ml



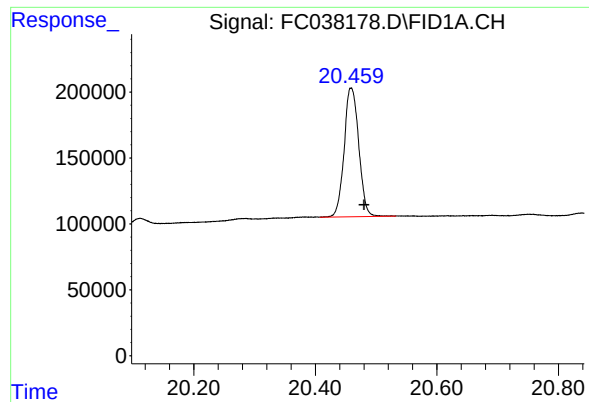
#20 n-Hexatriacontane (C36)

R.T.: 19.762 min

Delta R.T.: -0.017 min

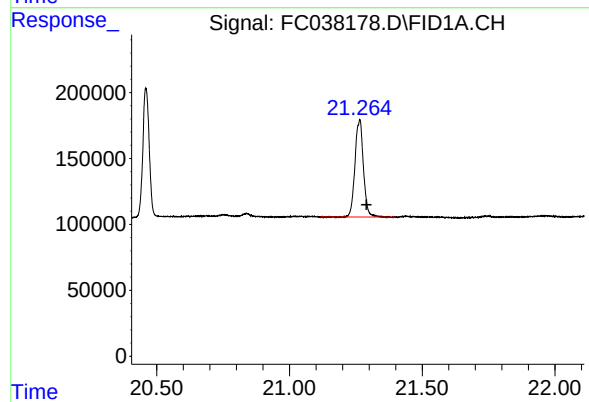
Response: 1706336

Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.459 min
Delta R.T.: -0.021 min
Response: 1628228
Conc: 21.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.264 min
Delta R.T.: -0.025 min
Response: 1628290
Conc: 18.63 ug/ml