

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121918AL\
 Data File : FC038322.D
 Signal(s) : FID1A.CH
 Acq On : 19 Dec 2018 10:03
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 20 00:51:31 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 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)	11.269	2218637	17.018 ug/ml
Spiked Amount 50.000		Recovery =	34.04%
12) S 1-chlorooctadecane (S...	12.713	1652286	16.388 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
Target Compounds			
1) T n-Nonane (C9)	3.112	1864773	17.931 ug/mlm
2) T n-Decane (C10)	4.169	1898188	18.124 ug/ml
3) T A-Naphthalene (C11.7)	5.728	2130903	18.140 ug/ml
4) T n-Dodecane (C12)	6.173	1951567	18.077 ug/ml
5) T A~2-methylnaphthalene...	6.776	2115650	18.006 ug/ml
6) T n-Tetradecane (C14)	7.953	1977271	17.703 ug/ml
7) T n-Hexadecane (C16)	9.542	2003259	17.365 ug/ml
8) T n-Octadecane (C18)	10.973	1960300	16.217 ug/ml
10) T n-Eicosane (C20)	12.274	1950887	16.242 ug/ml
11) T n-Heneicosane (C21)	12.883	1925306	16.592 ug/ml
13) T n-Docosane (C22)	13.465	1912888	16.551 ug/ml
14) T n-Tetracosane (C24)	14.564	1912089	16.654 ug/ml
15) T n-Hexacosane (C26)	15.579	1887274	16.777 ug/ml
16) T n-Octacosane (C28)	16.525	1914969	17.037 ug/ml
17) T n-Tricontane (C30)	17.407	1911090	17.413 ug/mlm
18) T n-Dotriacontane (C32)	18.237	1813644	17.707 ug/mlm
19) T n-Tetratriacontane (C34)	19.018	1566583	17.777 ug/mlm
20) T n-Hexatriacontane (C36)	19.752	1393440	17.786 ug/mlm
21) T n-Octatriacontane (C38)	20.454	1318245	17.035 ug/mlm
22) T n-Tetracontane (C40)	21.252	1349581	15.444 ug/ml

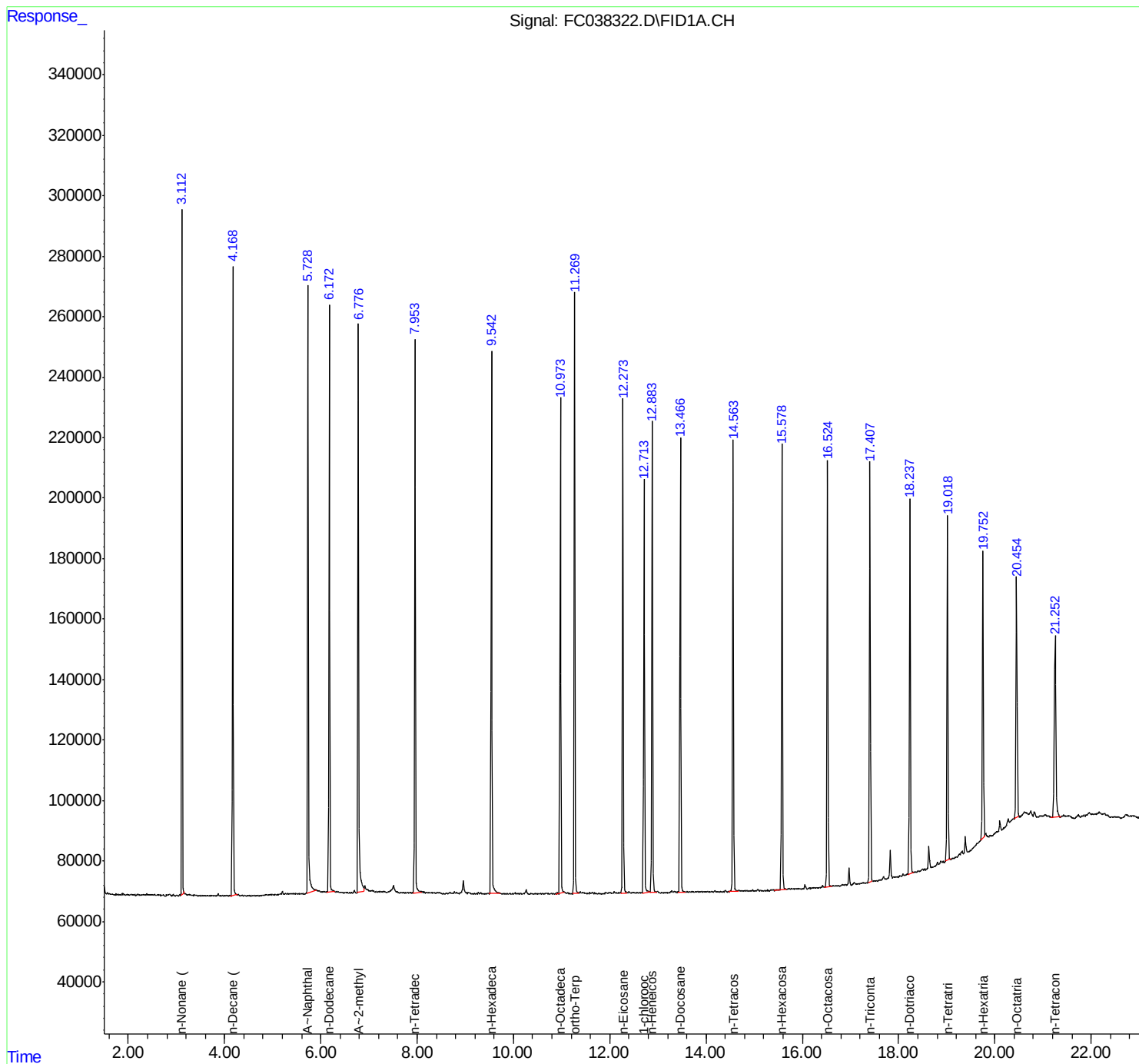
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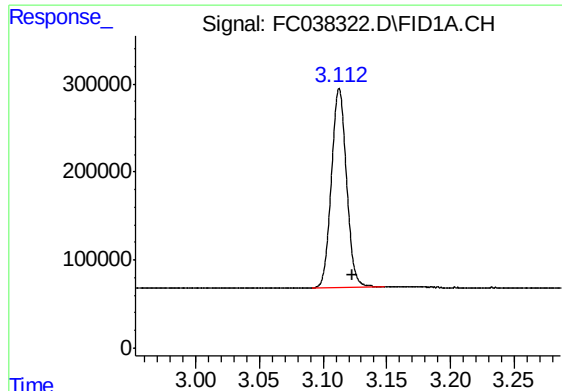
(m)=manual int.

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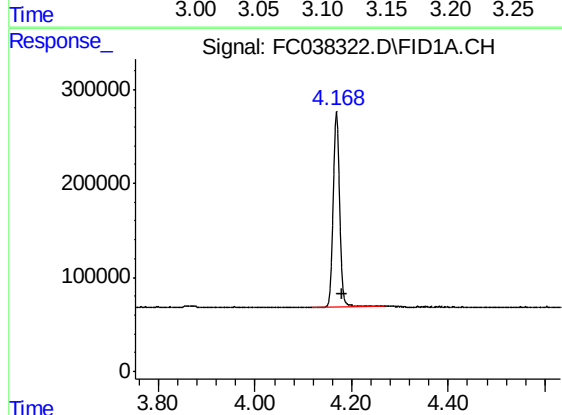
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Signal Info : 20M x 0.18mm x 0.18um





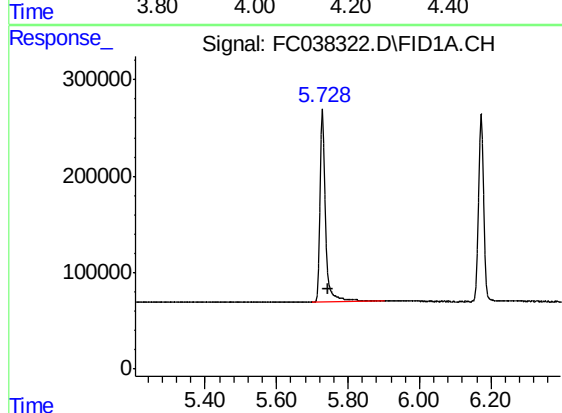
#1 n-Nonane (C9)

R.T.: 3.112 min
Delta R.T.: -0.011 min
Response: 1864773
Conc: 17.93 ug/ml m



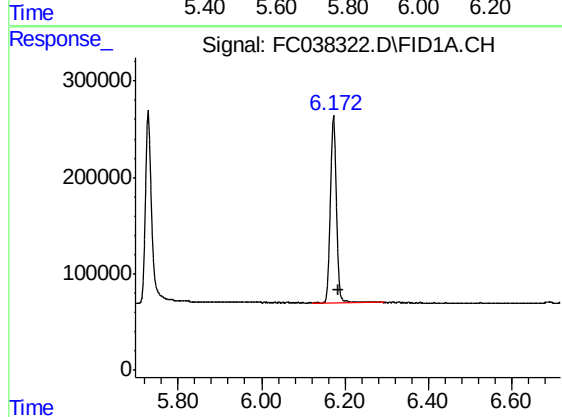
#2 n-Decane (C10)

R.T.: 4.169 min
Delta R.T.: -0.011 min
Response: 1898188
Conc: 18.12 ug/ml



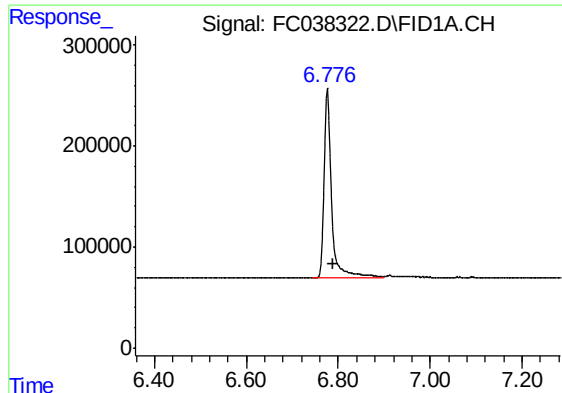
#3 A~Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.014 min
Response: 2130903
Conc: 18.14 ug/ml



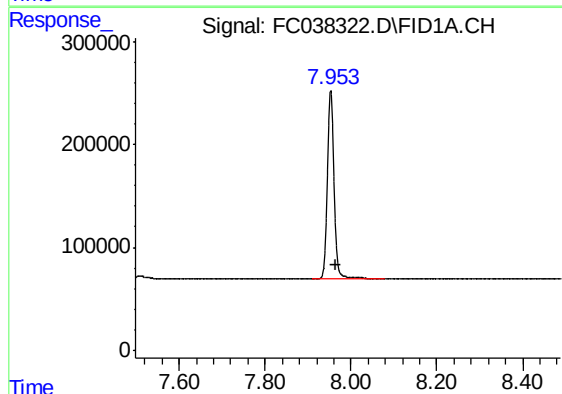
#4 n-Dodecane (C12)

R.T.: 6.173 min
Delta R.T.: -0.011 min
Response: 1951567
Conc: 18.08 ug/ml



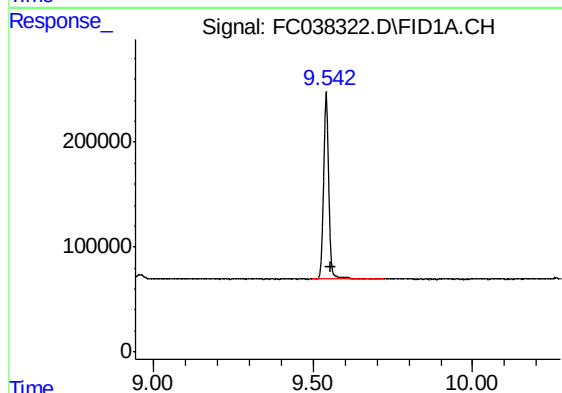
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.014 min
Response: 2115650
Conc: 18.01 ug/ml



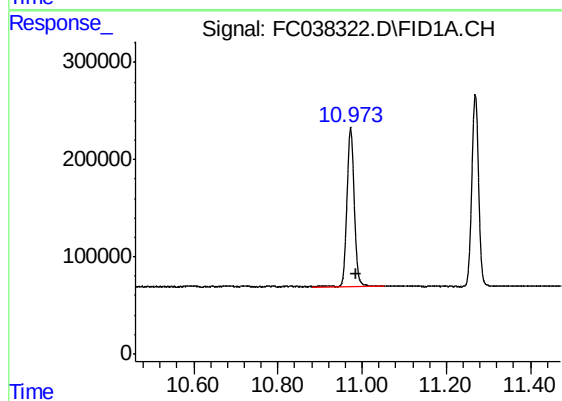
#6 n-Tetradecane (C14)

R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 1977271
Conc: 17.70 ug/ml



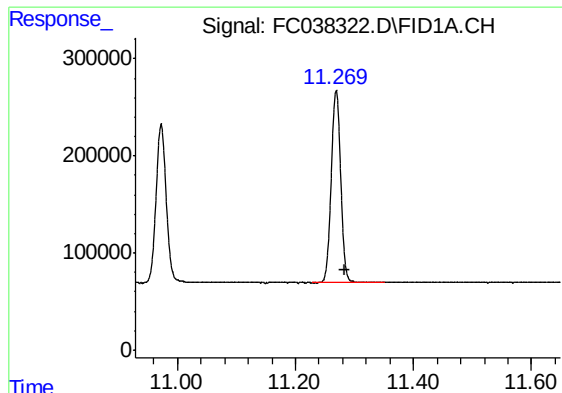
#7 n-Hexadecane (C16)

R.T.: 9.542 min
Delta R.T.: -0.012 min
Response: 2003259
Conc: 17.36 ug/ml



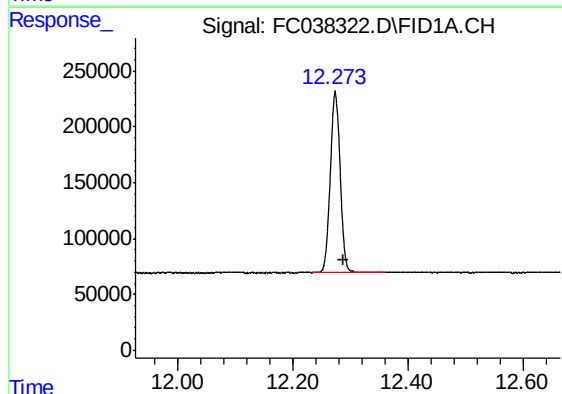
#8 n-Octadecane (C18)

R.T.: 10.973 min
Delta R.T.: -0.015 min
Response: 1960300
Conc: 16.22 ug/ml



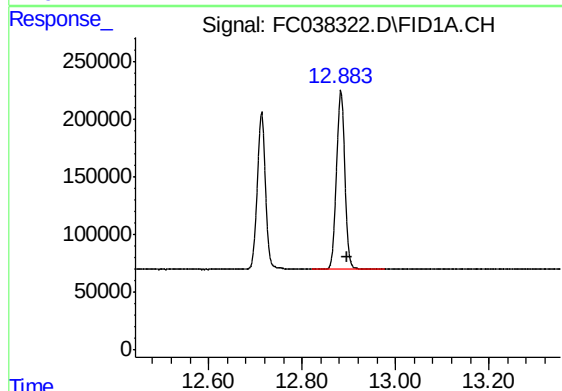
#9 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.015 min
Response: 2218637
Conc: 17.02 ug/ml



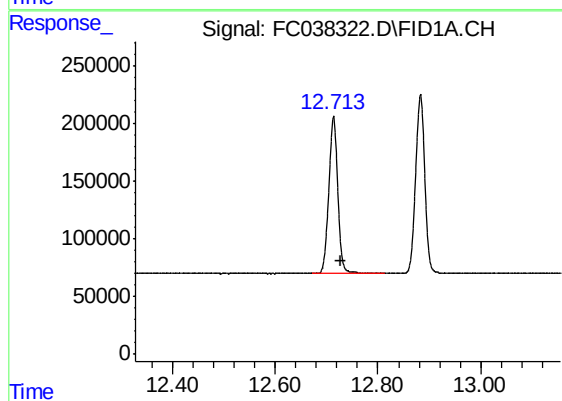
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: -0.015 min
Response: 1950887
Conc: 16.24 ug/ml



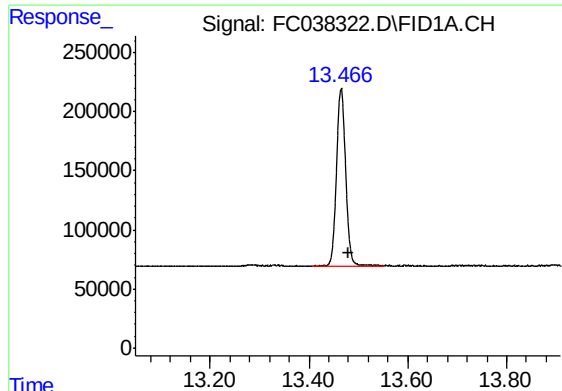
#11 n-Heneicosane (C21)

R.T.: 12.883 min
Delta R.T.: -0.014 min
Response: 1925306
Conc: 16.59 ug/ml



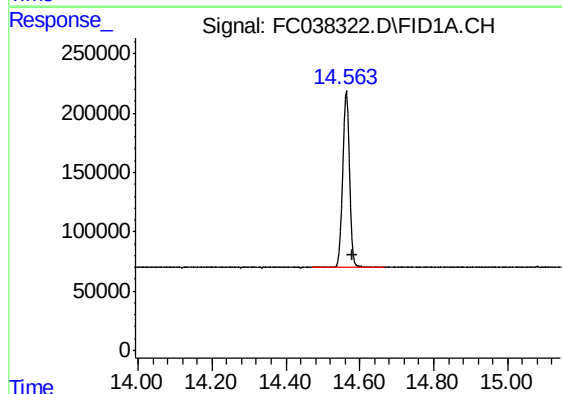
#12 1-chlorooctadecane (SURR)

R.T.: 12.713 min
Delta R.T.: -0.015 min
Response: 1652286
Conc: 16.39 ug/ml



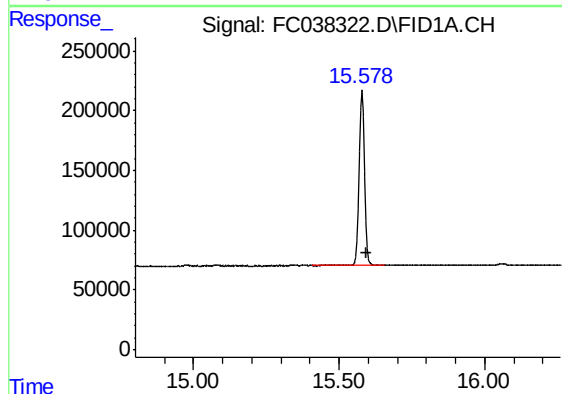
#13 n-Docosane (C22)

R.T.: 13.465 min
Delta R.T.: -0.016 min
Response: 1912888
Conc: 16.55 ug/ml



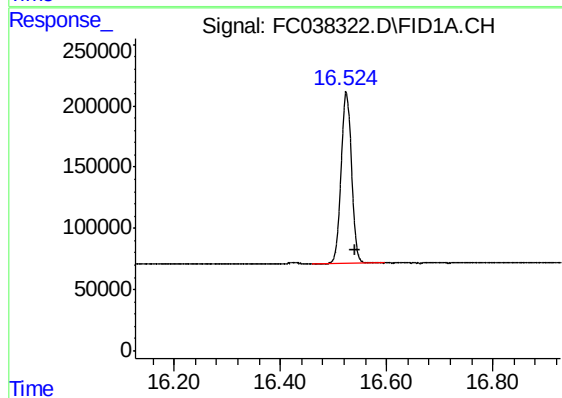
#14 n-Tetracosane (C24)

R.T.: 14.564 min
Delta R.T.: -0.015 min
Response: 1912089
Conc: 16.65 ug/ml



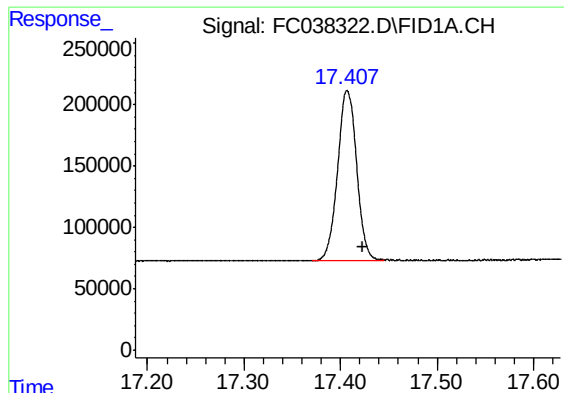
#15 n-Hexacosane (C26)

R.T.: 15.579 min
Delta R.T.: -0.015 min
Response: 1887274
Conc: 16.78 ug/ml



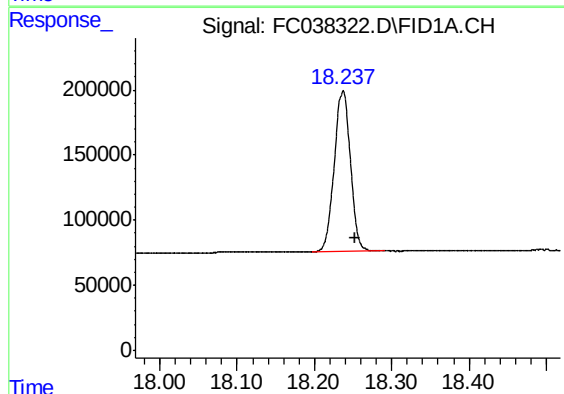
#16 n-Octacosane (C28)

R.T.: 16.525 min
Delta R.T.: -0.016 min
Response: 1914969
Conc: 17.04 ug/ml



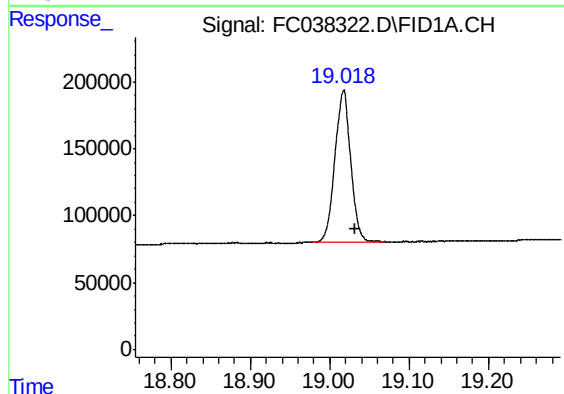
#17 n-Tricontane (C30)

R.T.: 17.407 min
Delta R.T.: -0.017 min
Response: 1911090
Conc: 17.41 ug/ml m



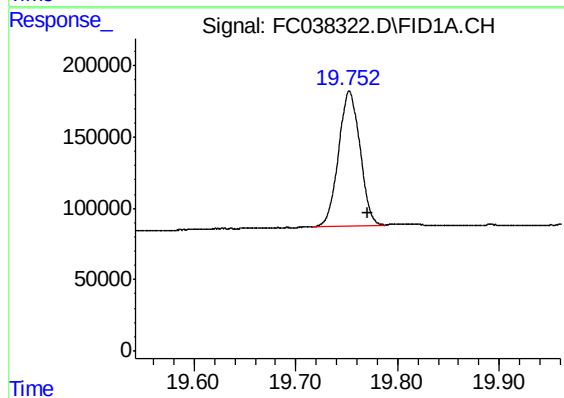
#18 n-Dotriacontane (C32)

R.T.: 18.237 min
Delta R.T.: -0.015 min
Response: 1813644
Conc: 17.71 ug/ml m



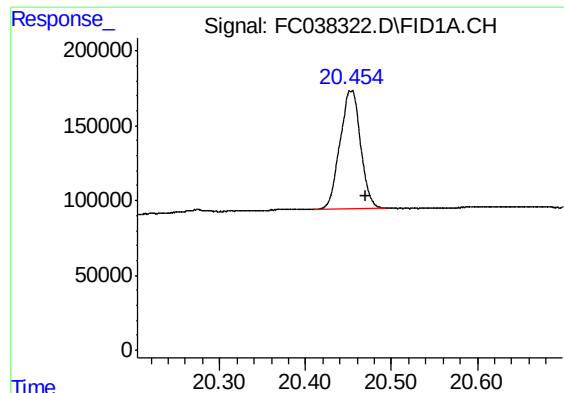
#19 n-Tetatriacontane (C34)

R.T.: 19.018 min
Delta R.T.: -0.014 min
Response: 1566583
Conc: 17.78 ug/ml m



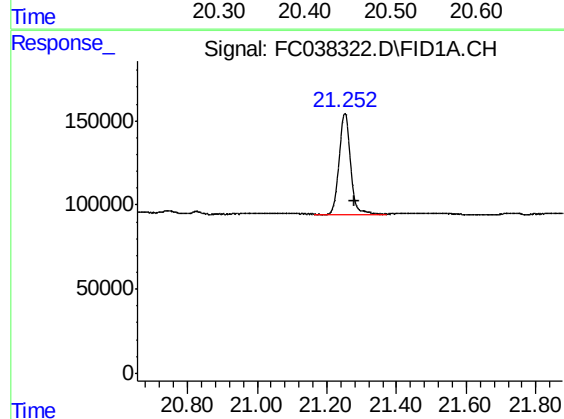
#20 n-Hexatriacontane (C36)

R.T.: 19.752 min
Delta R.T.: -0.018 min
Response: 1393440
Conc: 17.79 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.454 min
Delta R.T.: -0.016 min
Response: 1318245
Conc: 17.04 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: -0.026 min
Response: 1349581
Conc: 15.44 ug/ml