

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030419AL\
 Data File : FC039603.D
 Signal(s) : FID1A.CH
 Acq On : 05 Mar 2019 9:54
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 3/5/2019 1:39:24 PM

Integration File: autoint1.e
 Quant Time: Mar 05 10:37:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 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)	11.161	2945440	17.511 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	12.606	2137582	16.946 ug/ml
Spiked Amount 50.000		Recovery =	33.89%
Target Compounds			
1) T n-Nonane (C9)	3.030	2148905	17.904 ug/ml
2) T n-Decane (C10)	4.078	2144018	17.797 ug/ml
3) T A~Naphthalene (C11.7)	5.629	2343227	18.007 ug/ml
4) T n-Dodecane (C12)	6.075	2169477	17.560 ug/ml
5) T A~2-methylnaphthalene...	6.675	2220058	17.119 ug/ml
6) T n-Tetradecane (C14)	7.854	2182273	17.134 ug/ml
7) T n-Hexadecane (C16)	9.440	2157201	16.646 ug/ml
8) T n-Octadecane (C18)	10.870	2161568	16.068 ug/ml
10) T n-Eicosane (C20)	12.169	2173991	16.672 ug/ml
11) T n-Heneicosane (C21)	12.777	2170013	17.111 ug/ml
13) T n-Docosane (C22)	13.360	2161608	17.160 ug/ml
14) T n-Tetracosane (C24)	14.457	2170562	17.366 ug/ml
15) T n-Hexacosane (C26)	15.470	2141027	17.165 ug/ml
16) T n-Octacosane (C28)	16.416	2142657	16.031 ug/ml
17) T n-Tricontane (C30)	17.297	2132946	14.534 ug/mlm
18) T n-Dotriacontane (C32)	18.127	2097612	15.615 ug/ml
19) T n-Tetratriacontane (C34)	18.906	1925890	16.932 ug/ml
20) T n-Hexatriacontane (C36)	19.644	1685606	17.477 ug/mlm
21) T n-Octatriacontane (C38)	20.341	1590774	17.326 ug/mlm
22) T n-Tetracontane (C40)	21.105	1615939	17.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

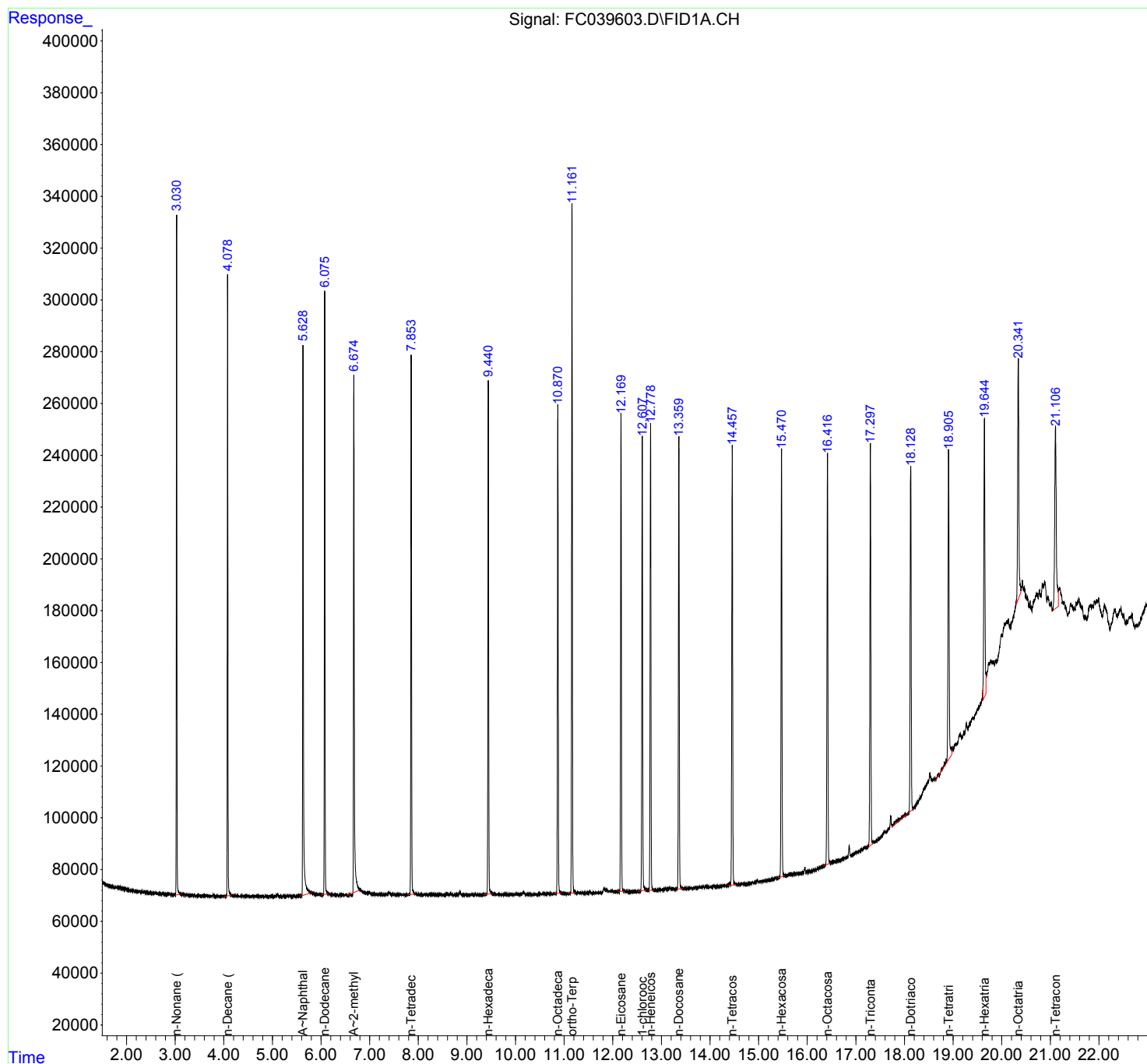
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

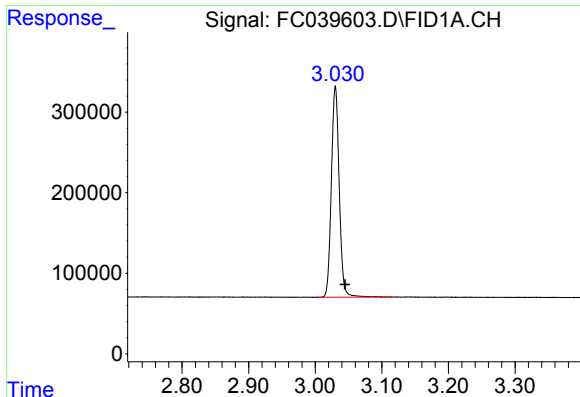
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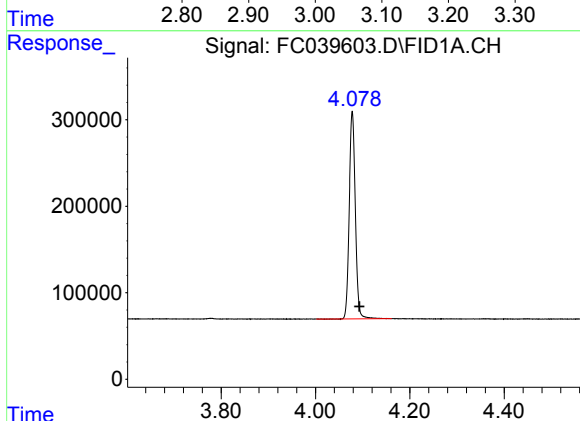
#1 n-Nonane (C9)

R.T.: 3.030 min
Delta R.T.: -0.015 min
Response: 2148905
Conc: 17.90 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

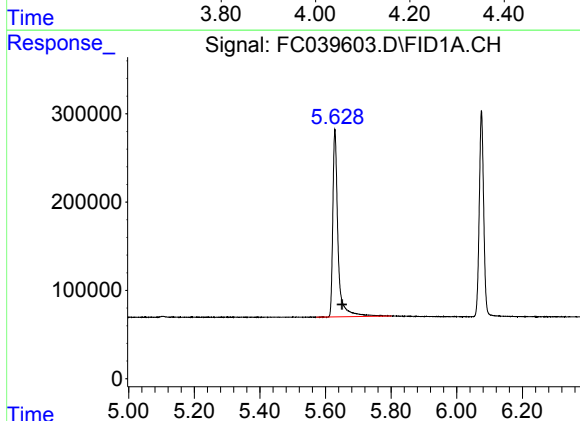
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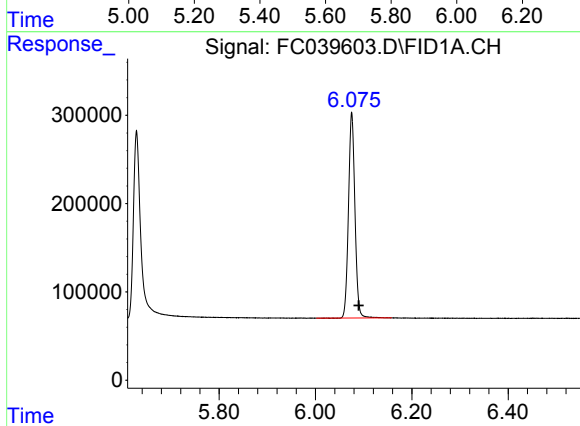
#2 n-Decane (C10)

R.T.: 4.078 min
Delta R.T.: -0.015 min
Response: 2144018
Conc: 17.80 ug/ml



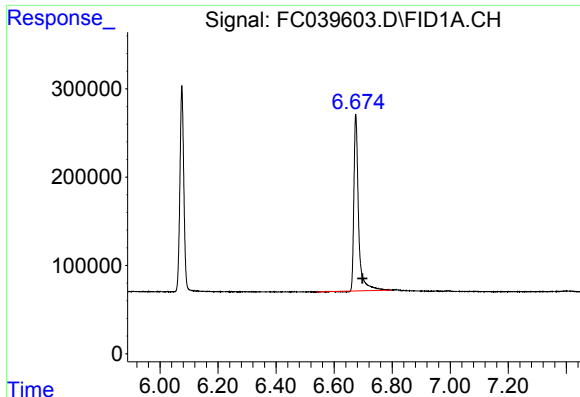
#3 A~Naphthalene (C11.7)

R.T.: 5.629 min
Delta R.T.: -0.022 min
Response: 2343227
Conc: 18.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.075 min
Delta R.T.: -0.015 min
Response: 2169477
Conc: 17.56 ug/ml



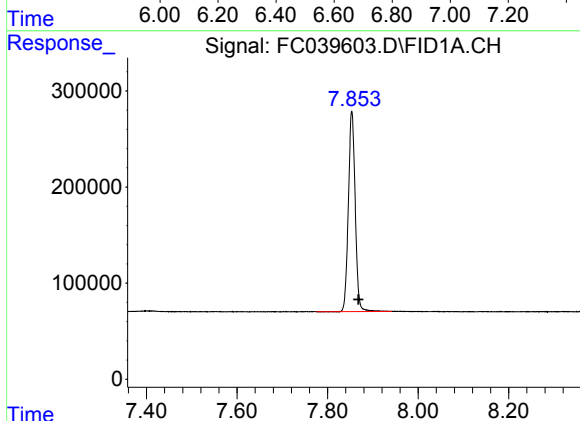
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.675 min
Delta R.T.: -0.022 min
Response: 2220058
Conc: 17.12 ug/ml

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20 PPM ALIPHATIC HC STD

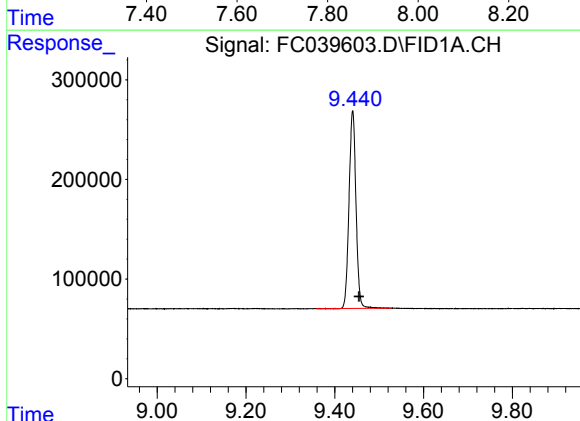
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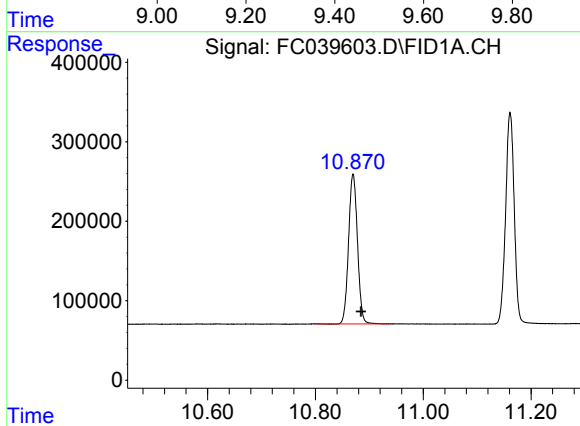
#6 n-Tetradecane (C14)

R.T.: 7.854 min
Delta R.T.: -0.014 min
Response: 2182273
Conc: 17.13 ug/ml



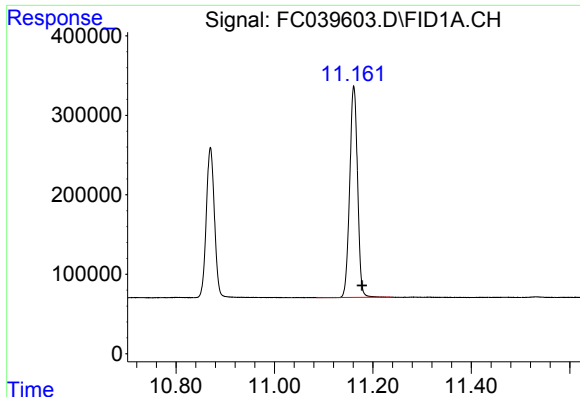
#7 n-Hexadecane (C16)

R.T.: 9.440 min
Delta R.T.: -0.014 min
Response: 2157201
Conc: 16.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.870 min
Delta R.T.: -0.015 min
Response: 2161568
Conc: 16.07 ug/ml



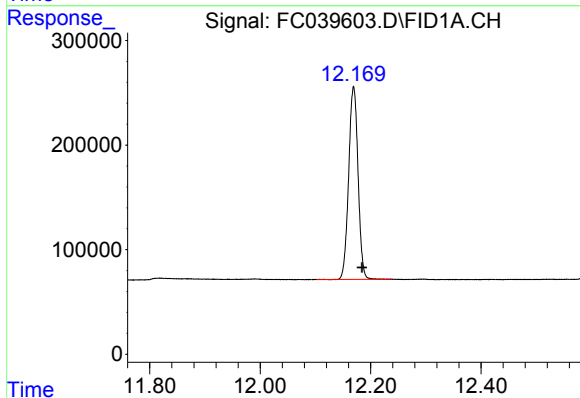
#9 ortho-Terphenyl (SURR)

R.T.: 11.161 min
Delta R.T.: -0.017 min
Response: 2945440
Conc: 17.51 ug/ml

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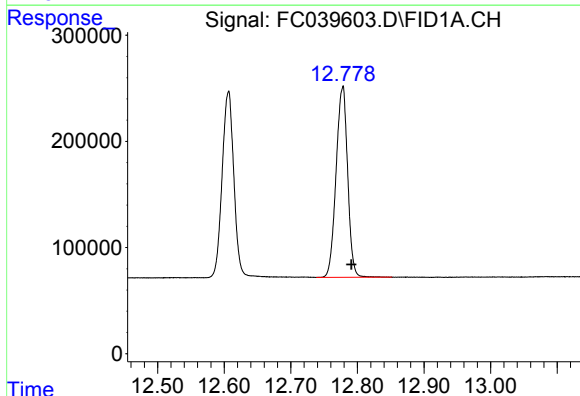
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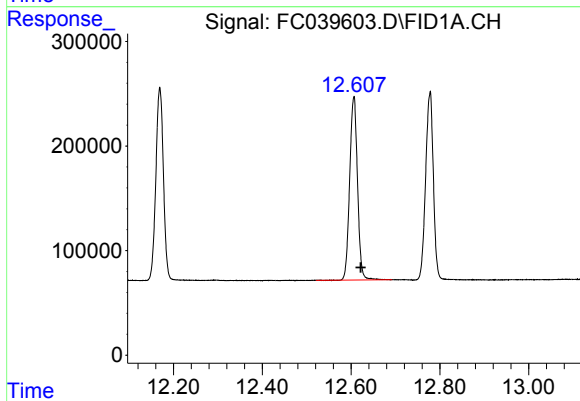
#10 n-Eicosane (C20)

R.T.: 12.169 min
Delta R.T.: -0.015 min
Response: 2173991
Conc: 16.67 ug/ml



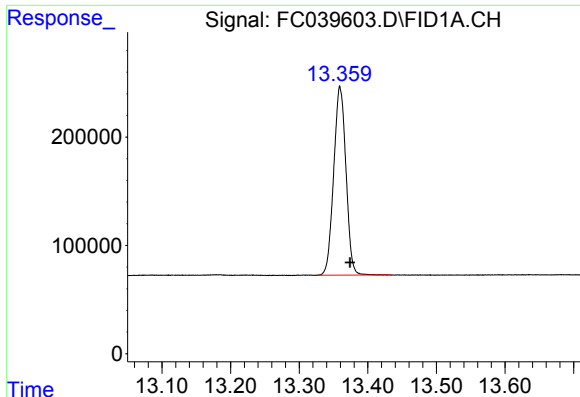
#11 n-Heneicosane (C21)

R.T.: 12.777 min
Delta R.T.: -0.014 min
Response: 2170013
Conc: 17.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.606 min
Delta R.T.: -0.015 min
Response: 2137582
Conc: 16.95 ug/ml



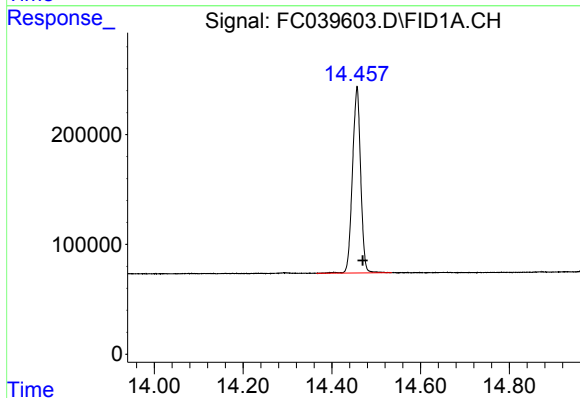
#13 n-Docosane (C22)

R.T.: 13.360 min
Delta R.T.: -0.015 min
Response: 2161608
Conc: 17.16 ug/ml

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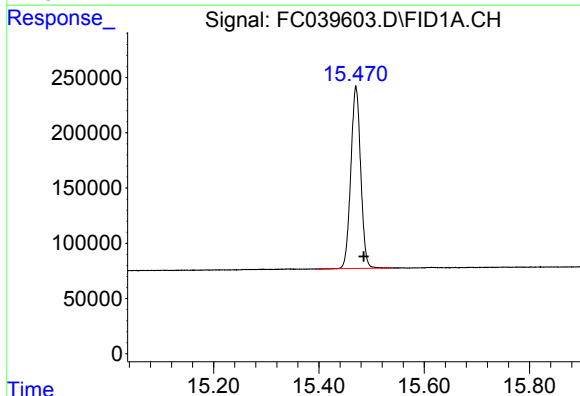
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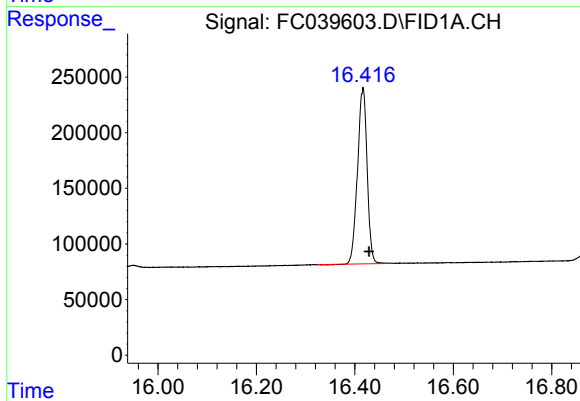
#14 n-Tetracosane (C24)

R.T.: 14.457 min
Delta R.T.: -0.013 min
Response: 2170562
Conc: 17.37 ug/ml



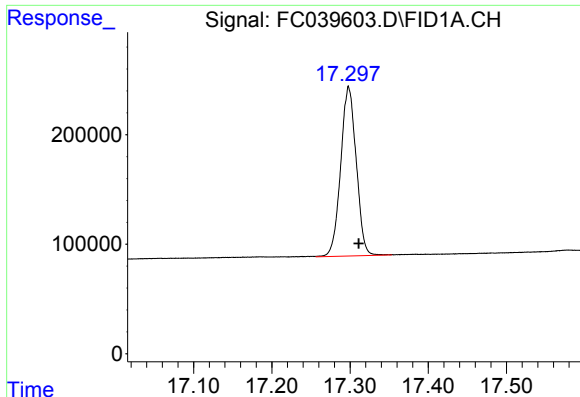
#15 n-Hexacosane (C26)

R.T.: 15.470 min
Delta R.T.: -0.015 min
Response: 2141027
Conc: 17.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.416 min
Delta R.T.: -0.013 min
Response: 2142657
Conc: 16.03 ug/ml



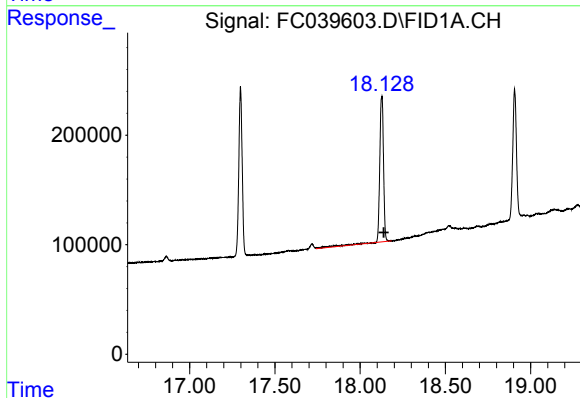
#17 n-Tricontane (C30)

R.T.: 17.297 min
Delta R.T.: -0.014 min
Response: 2132946
Conc: 14.53 ug/ml m

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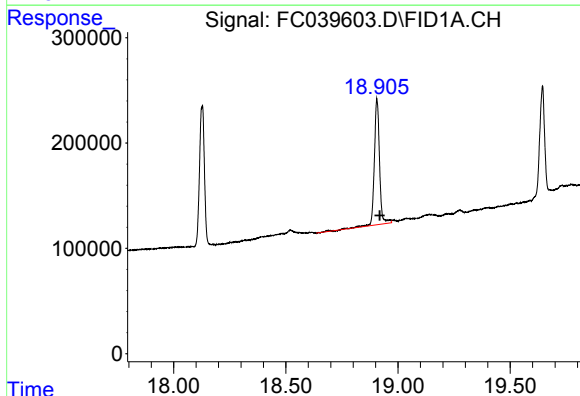
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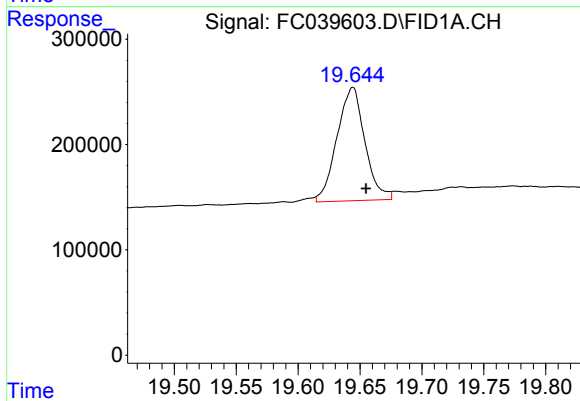
#18 n-Dotriacontane (C32)

R.T.: 18.127 min
Delta R.T.: -0.012 min
Response: 2097612
Conc: 15.61 ug/ml



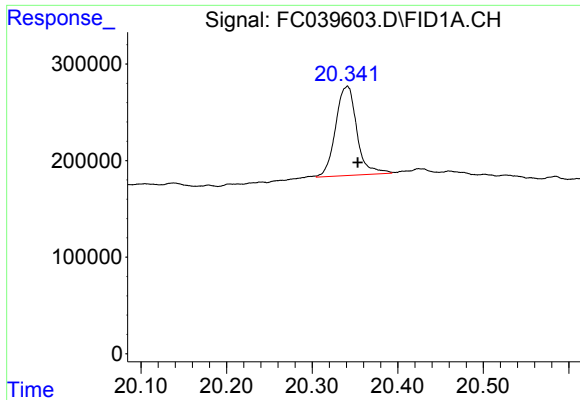
#19 n-Tetratriacontane (C34)

R.T.: 18.906 min
Delta R.T.: -0.013 min
Response: 1925890
Conc: 16.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.644 min
Delta R.T.: -0.011 min
Response: 1685606
Conc: 17.48 ug/ml m



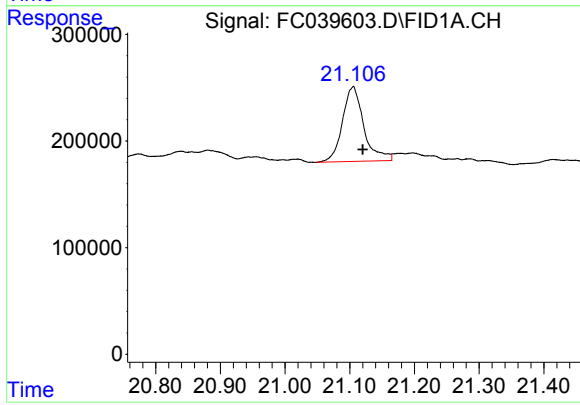
#21 n-Octatriacontane (C38)

R.T.: 20.341 min
Delta R.T.: -0.012 min
Response: 1590774
Conc: 17.33 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.105 min
Delta R.T.: -0.016 min
Response: 1615939
Conc: 17.80 ug/ml