

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
 Data File : FC054175.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2021 14:33
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

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 6/11/2021 2:28:32 PM

Integration File: autoint1.e
 Quant Time: Jun 11 04:21:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:19:34 2021
 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)	11.364	15267154	104.562 ug/ml
Spiked Amount 50.000		Recovery =	209.12%
12) S 1-chlorooctadecane (S...	12.807	11854265	104.430 ug/ml
Spiked Amount 50.000		Recovery =	208.86%
Target Compounds			
1) T n-Nonane (C9)	3.168	13182910	106.133 ug/ml
2) T n-Decane (C10)	4.224	13343410	106.514 ug/ml
3) T A~Naphthalene (C11.7)	5.790	15164366	108.116 ug/ml
4) T n-Dodecane (C12)	6.232	13430924	105.973 ug/ml
5) T A~2-methylnaphthalene...	6.844	15249156	109.588 ug/ml
6) T n-Tetradecane (C14)	8.022	13626769	105.176 ug/ml
7) T n-Hexadecane (C16)	9.619	13774626	104.945 ug/ml
8) T n-Octadecane (C18)	11.060	14062782	104.612 ug/ml
10) T n-Eicosane (C20)	12.365	13885197	103.970 ug/ml
11) T n-Heneicosane (C21)	12.976	13982008	103.653 ug/ml
13) T n-Docosane (C22)	13.561	13829766	104.113 ug/ml
14) T n-Tetracosane (C24)	14.663	13723424	103.742 ug/ml
15) T n-Hexacosane (C26)	15.682	13354885	103.286 ug/mlm
16) T n-Octacosane (C28)	16.631	13111423	103.900 ug/mlm
17) T n-Tricontane (C30)	17.518	12453703	101.441 ug/ml
18) T n-Dotriacontane (C32)	18.349	11873412	100.763 ug/ml
19) T n-Tetratriacontane (C34)	19.130	11336938	100.903 ug/ml
20) T n-Hexatriacontane (C36)	19.869	10765786	102.333 ug/ml
21) T n-Octatriacontane (C38)	20.576	10007427	102.144 ug/ml
22) T n-Tetracontane (C40)	21.407	10114209	99.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 6 Sample Multiplier: 1

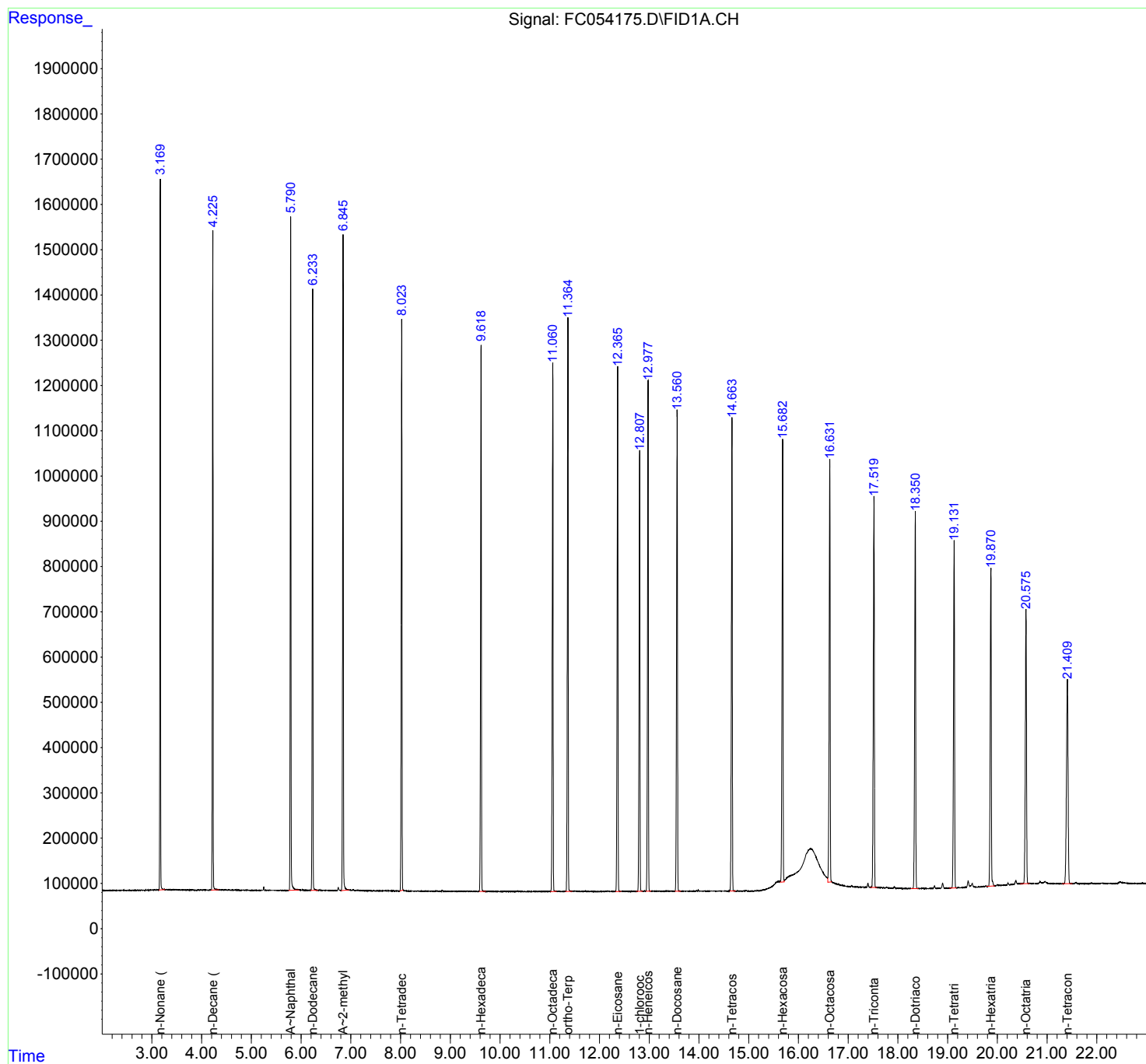
Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1

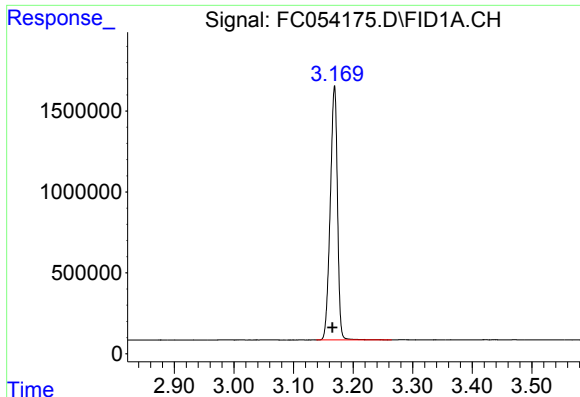
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Integration File: autoint1.e
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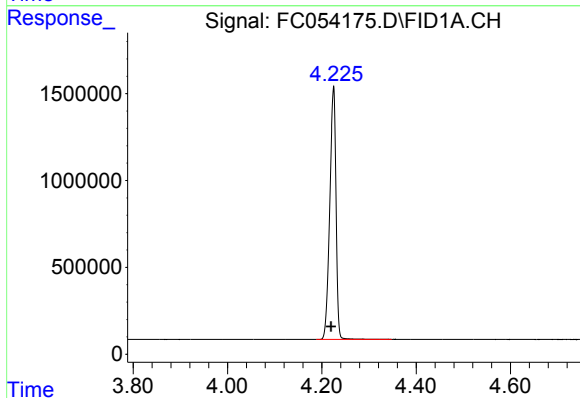
#1 n-Nonane (C9)

R.T.: 3.168 min
Delta R.T.: 0.003 min
Response: 13182910
Conc: 106.13 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

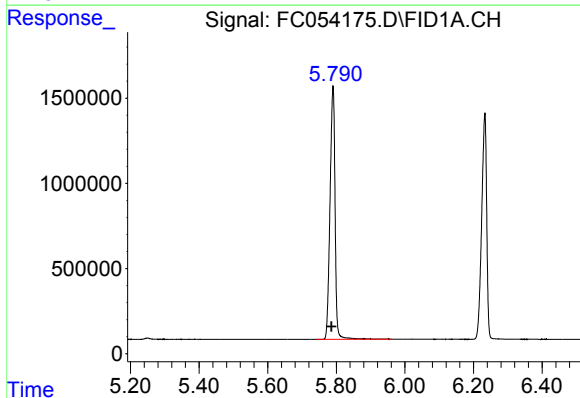
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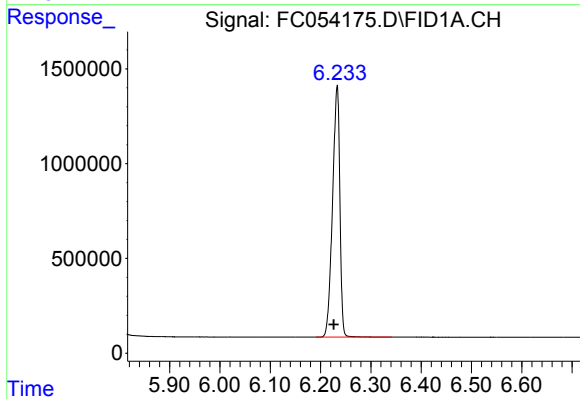
#2 n-Decane (C10)

R.T.: 4.224 min
Delta R.T.: 0.005 min
Response: 13343410
Conc: 106.51 ug/ml



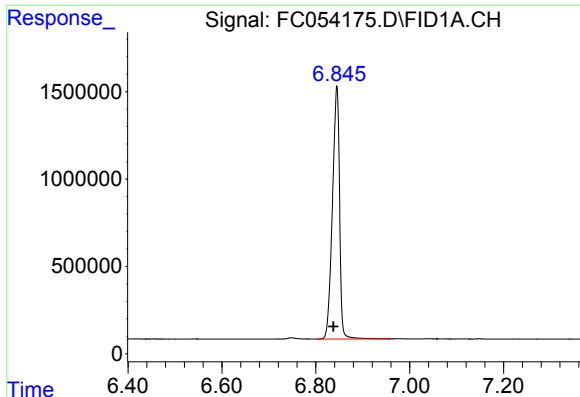
#3 A~Naphthalene (C11.7)

R.T.: 5.790 min
Delta R.T.: 0.005 min
Response: 15164366
Conc: 108.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.232 min
Delta R.T.: 0.006 min
Response: 13430924
Conc: 105.97 ug/ml



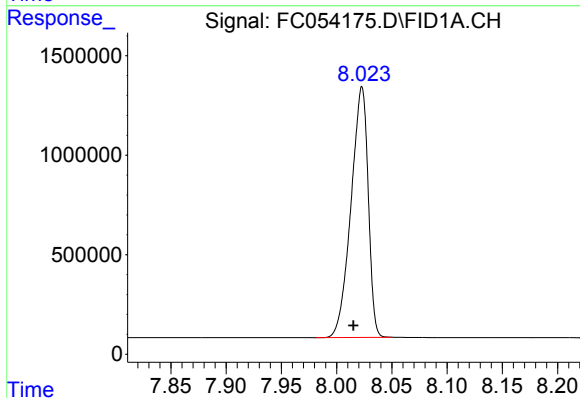
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: 0.006 min
Response: 15249156
Conc: 109.59 ug/ml

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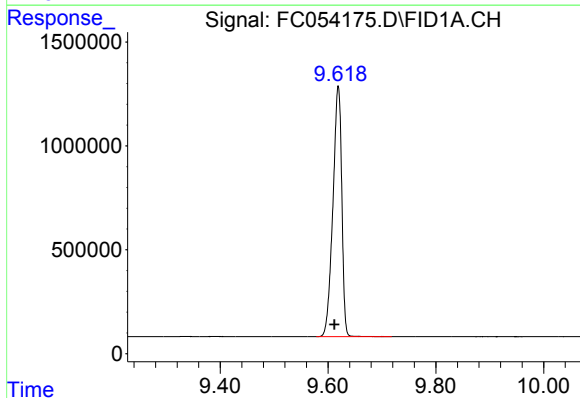
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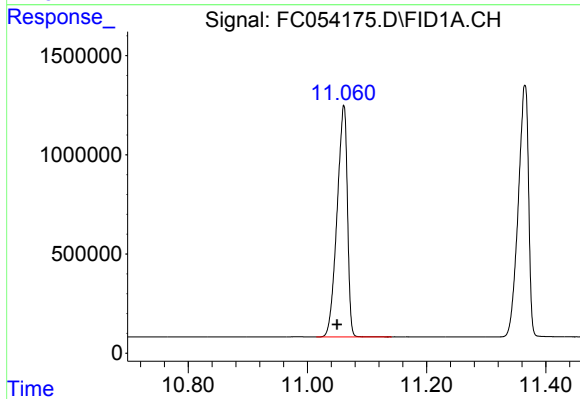
#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: 0.007 min
Response: 13626769
Conc: 105.18 ug/ml



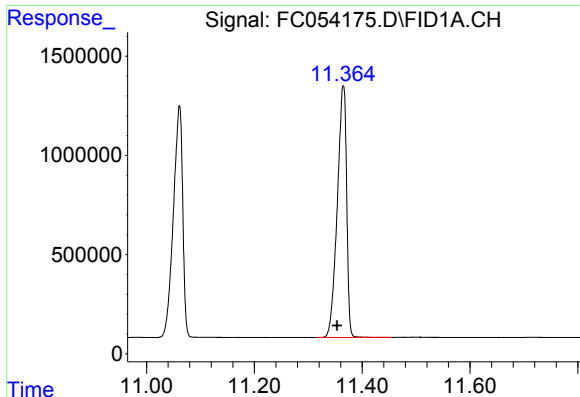
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: 0.007 min
Response: 13774626
Conc: 104.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.060 min
Delta R.T.: 0.011 min
Response: 14062782
Conc: 104.61 ug/ml



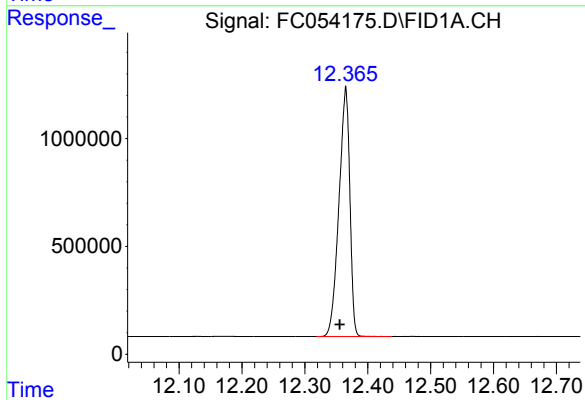
#9 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: 0.011 min
Response: 15267154
Conc: 104.56 ug/ml

Instrument :
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ClientSampleId :
100 PPM ALIPHATIC HC STD1

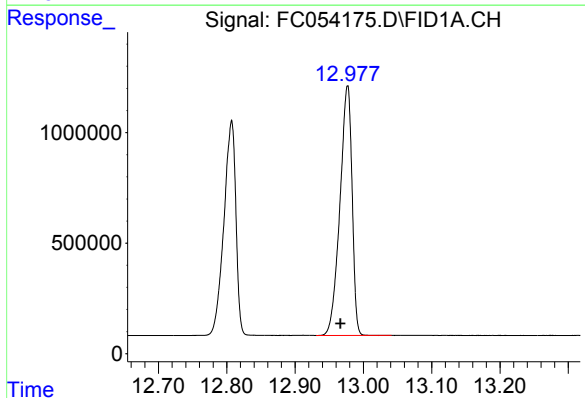
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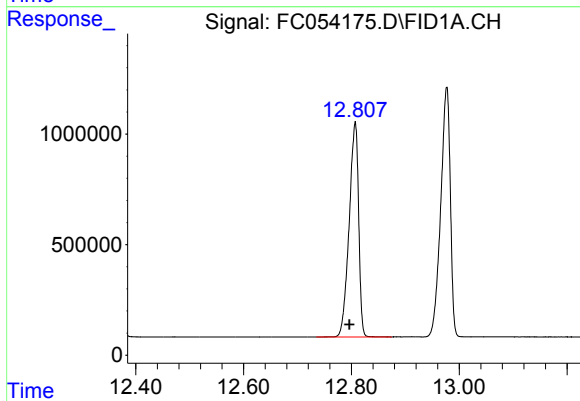
#10 n-Eicosane (C20)

R.T.: 12.365 min
Delta R.T.: 0.009 min
Response: 13885197
Conc: 103.97 ug/ml



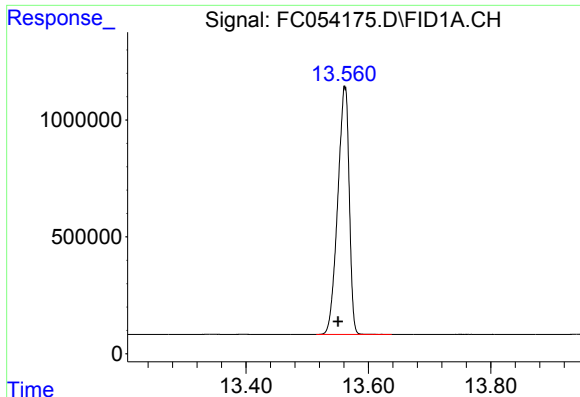
#11 n-Heneicosane (C21)

R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 13982008
Conc: 103.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.010 min
Response: 11854265
Conc: 104.43 ug/ml



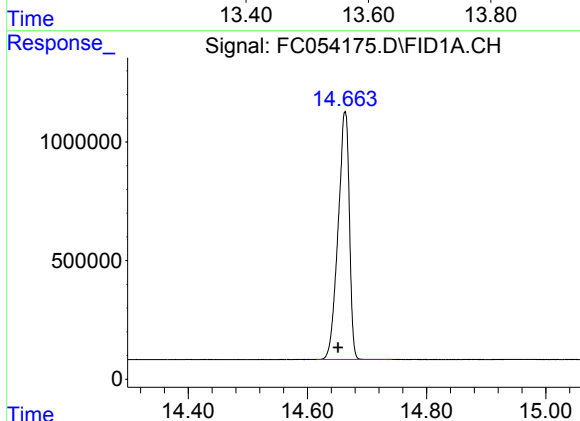
#13 n-Docosane (C22)

R.T.: 13.561 min
Delta R.T.: 0.011 min
Response: 13829766
Conc: 104.11 ug/ml

Instrument :
FID_C
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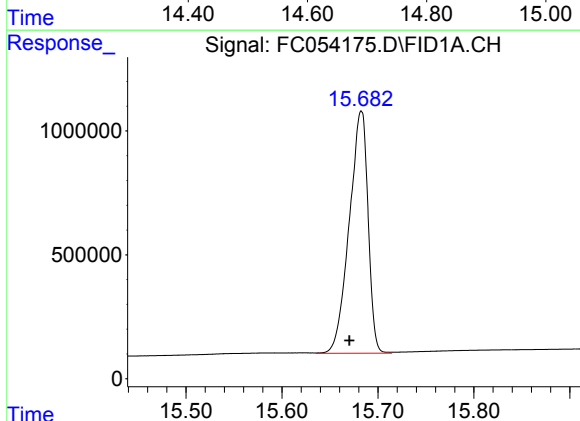
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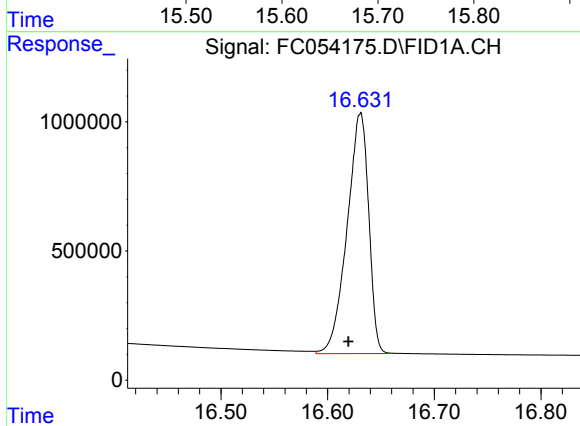
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.011 min
Response: 13723424
Conc: 103.74 ug/ml



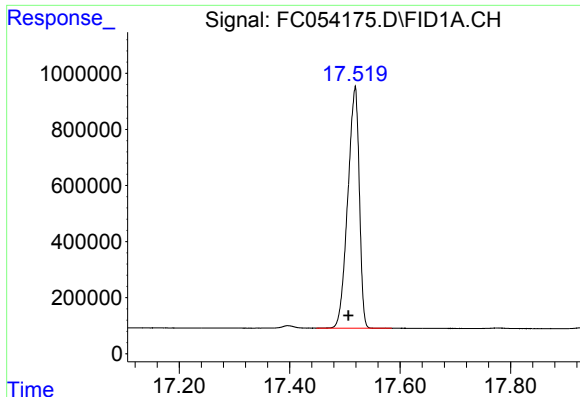
#15 n-Hexacosane (C26)

R.T.: 15.682 min
Delta R.T.: 0.012 min
Response: 13354885
Conc: 103.29 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.631 min
Delta R.T.: 0.012 min
Response: 13111423
Conc: 103.90 ug/ml m



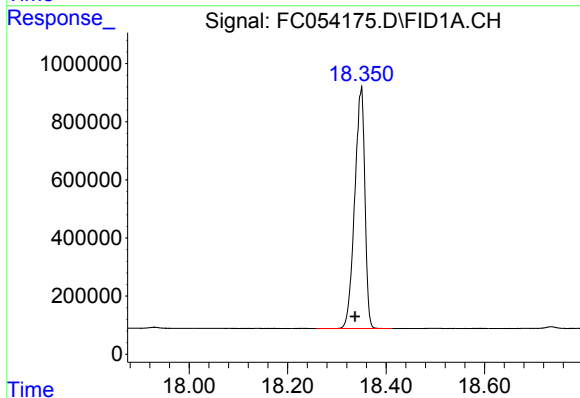
#17 n-Tricontane (C30)

R.T.: 17.518 min
Delta R.T.: 0.012 min
Response: 12453703
Conc: 101.44 ug/ml

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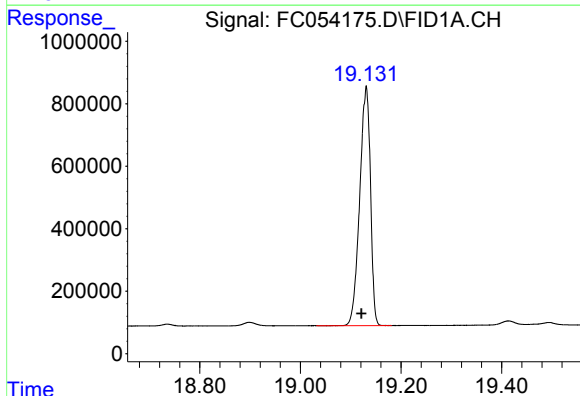
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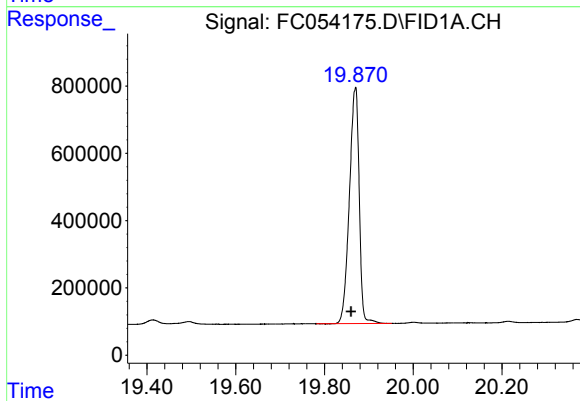
#18 n-Dotriacontane (C32)

R.T.: 18.349 min
Delta R.T.: 0.012 min
Response: 11873412
Conc: 100.76 ug/ml



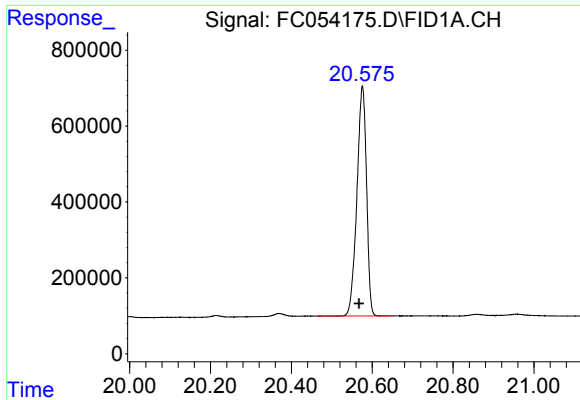
#19 n-Tetratriacontane (C34)

R.T.: 19.130 min
Delta R.T.: 0.009 min
Response: 11336938
Conc: 100.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.869 min
Delta R.T.: 0.009 min
Response: 10765786
Conc: 102.33 ug/ml



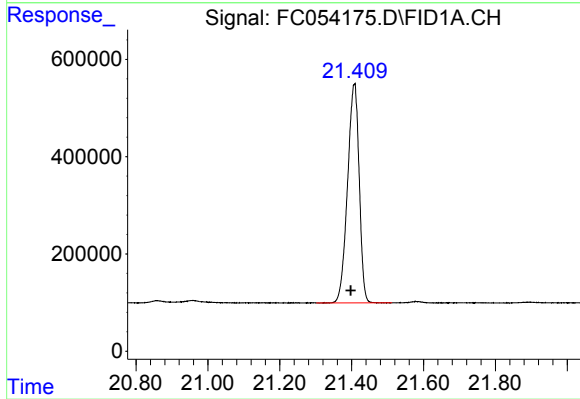
#21 n-Octatriacontane (C38)

R.T.: 20.576 min
Delta R.T.: 0.008 min
Response: 10007427
Conc: 102.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.407 min
Delta R.T.: 0.010 min
Response: 10114209
Conc: 99.51 ug/ml