

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050621AL\
 Data File : FC053551.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2021 1:19
 Operator : DD\AJ
 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

Ankita
 5/10/2021 10:22:30 AM

Integration File: autoint1.e
 Quant Time: May 07 05:10:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.532	2802509	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	12.973	2226236	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.292	2413833	20.437 ug/ml
2) T n-Decane (C10)	4.356	2447556	20.669 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2728495	20.940 ug/ml
4) T n-Dodecane (C12)	6.375	2513166	20.769 ug/ml
5) T A~2-methylnaphthalene...	6.997	2784411	21.060 ug/ml
6) T n-Tetradecane (C14)	8.173	2543306	20.878 ug/ml
7) T n-Hexadecane (C16)	9.775	2537151	20.715 ug/ml
8) T n-Octadecane (C18)	11.218	2660499	20.429 ug/ml
10) T n-Eicosane (C20)	12.529	2672596	20.192 ug/ml
11) T n-Heneicosane (C21)	13.142	2656361	20.001 ug/ml
13) T n-Docosane (C22)	13.728	2635449	19.813 ug/ml
14) T n-Tetracosane (C24)	14.832	2578018	19.313 ug/ml
15) T n-Hexacosane (C26)	15.855	2476359	18.730 ug/ml
16) T n-Octacosane (C28)	16.805	2372016	18.120 ug/ml
17) T n-Tricontane (C30)	17.693	2278577	17.470 ug/ml
18) T n-Dotriacontane (C32)	18.527	2153480	17.067 ug/ml
19) T n-Tetratriacontane (C34)	19.312	2046325	16.795 ug/mlm
20) T n-Hexatriacontane (C36)	20.050	1908375	16.322 ug/mlm
21) T n-Octatriacontane (C38)	20.782	1818617	17.678 ug/ml
22) T n-Tetracontane (C40)	21.677	1875764	18.824 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

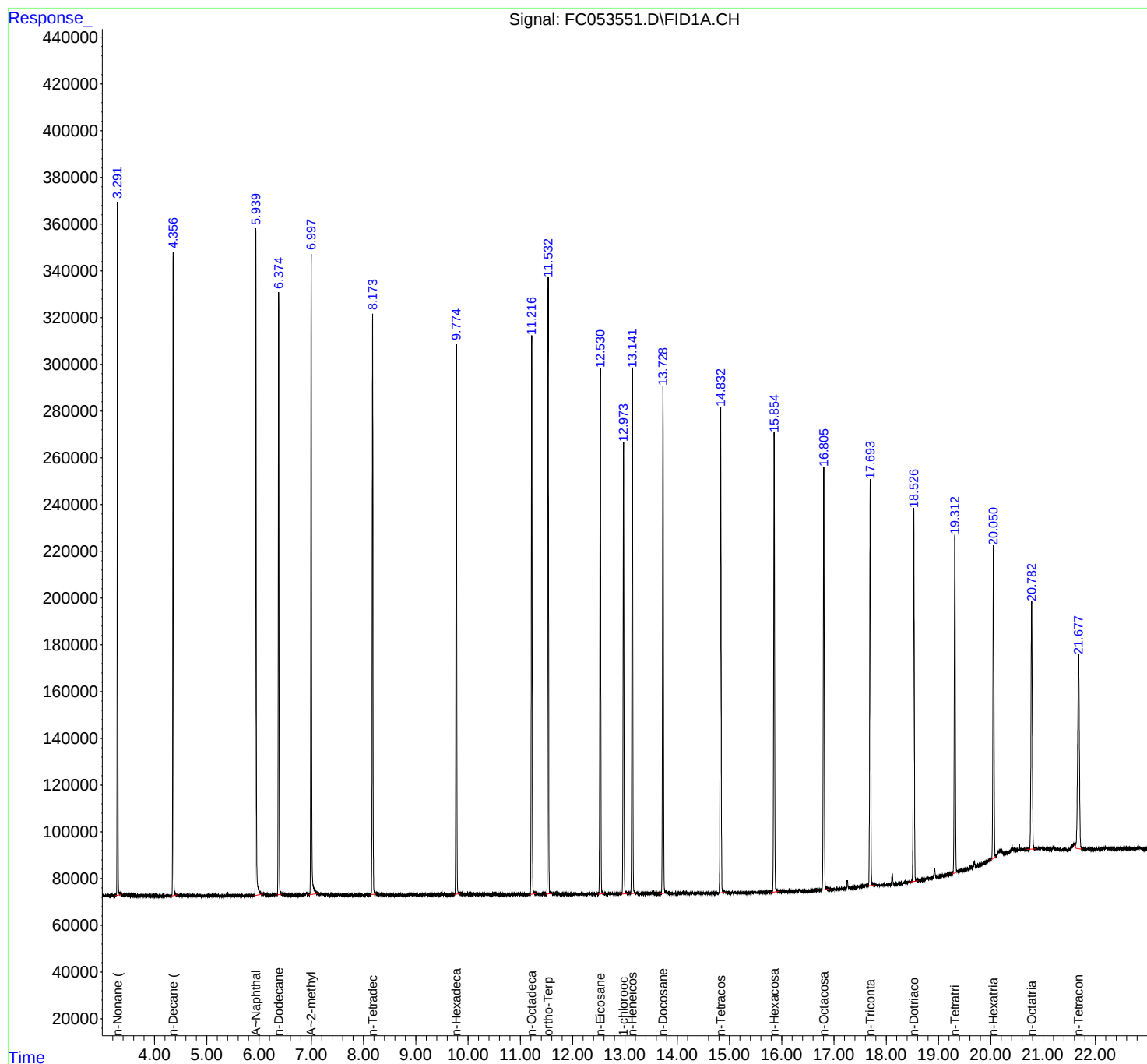
Instrument :
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20 PPM ALIPHATIC HC STD

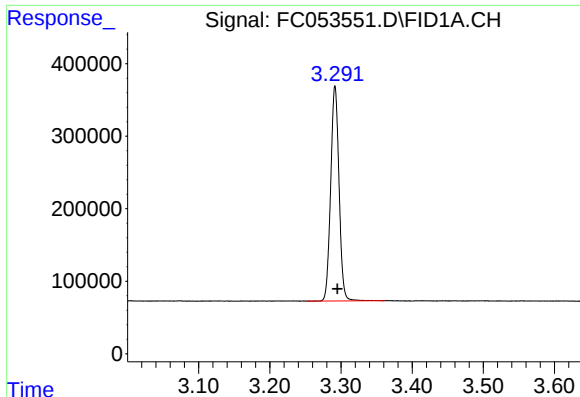
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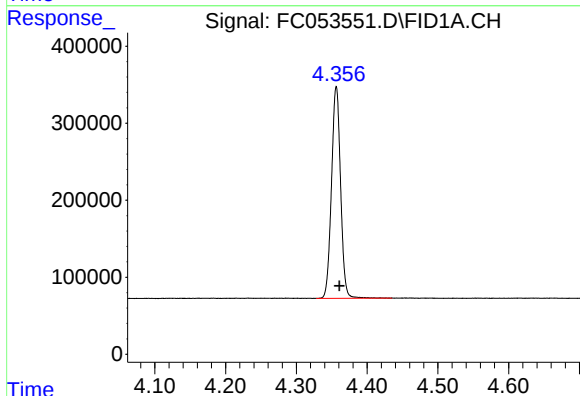
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 2413833
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

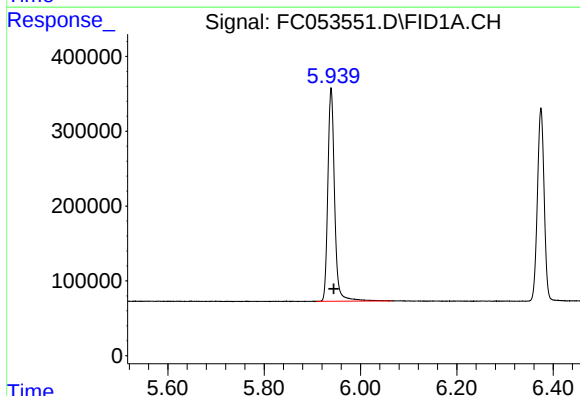
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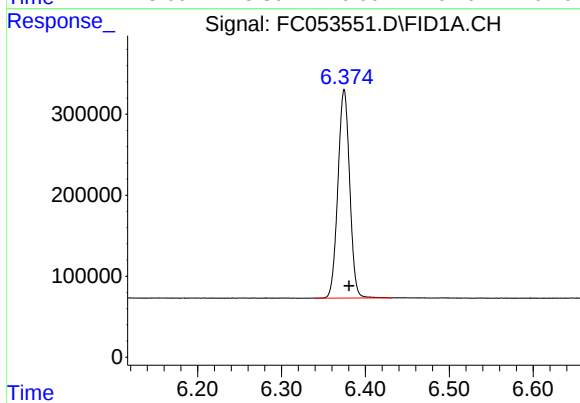
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.004 min
Response: 2447556
Conc: 20.67 ug/ml



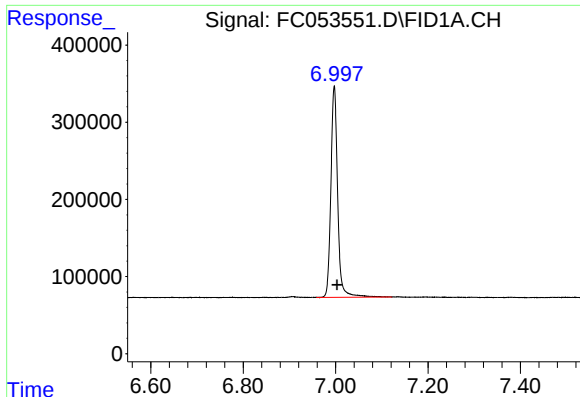
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2728495
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 2513166
Conc: 20.77 ug/ml



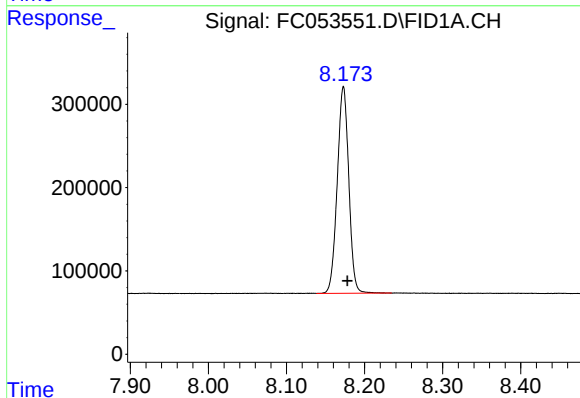
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 2784411
Conc: 21.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

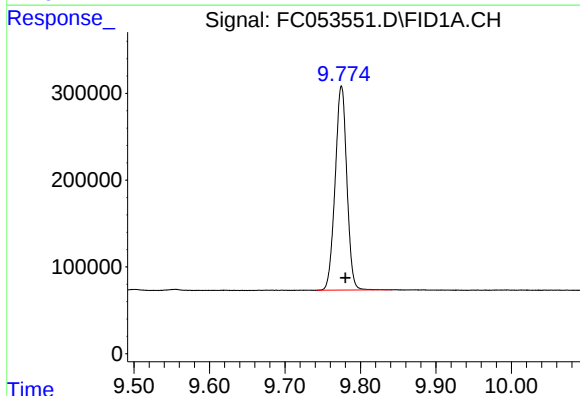
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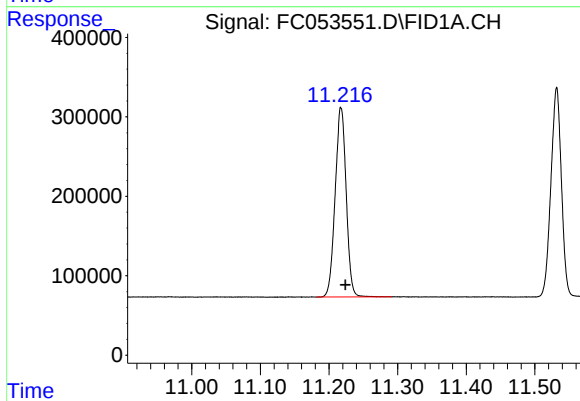
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.005 min
Response: 2543306
Conc: 20.88 ug/ml



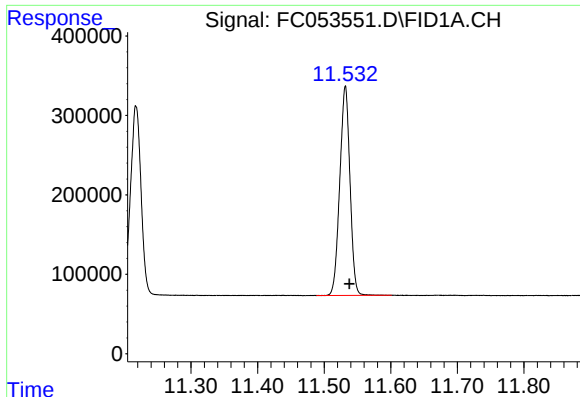
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.006 min
Response: 2537151
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.007 min
Response: 2660499
Conc: 20.43 ug/ml



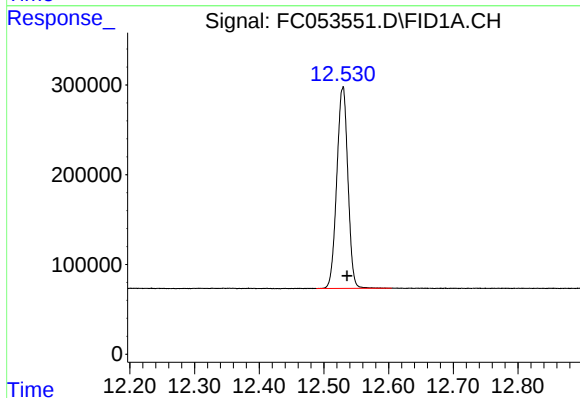
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.007 min
Response: 2802509
Conc: 20.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

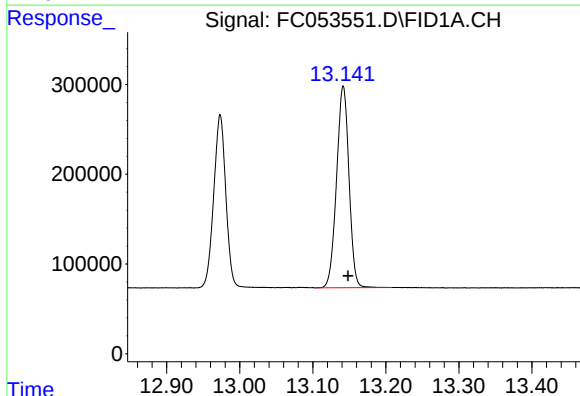
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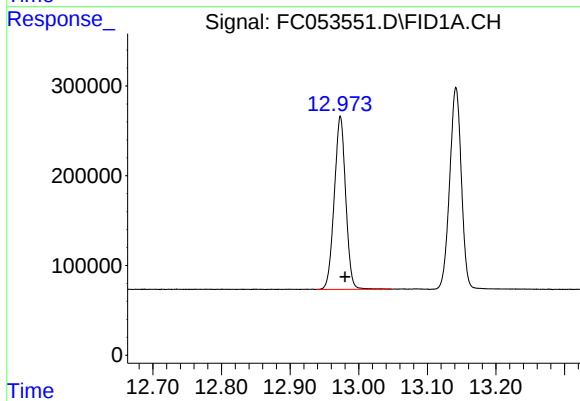
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.007 min
Response: 2672596
Conc: 20.19 ug/ml



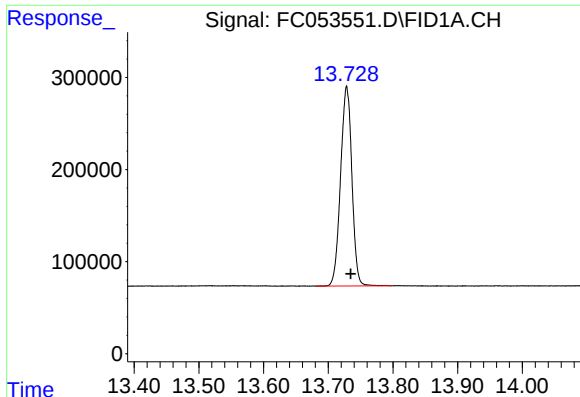
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.007 min
Response: 2656361
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.007 min
Response: 2226236
Conc: 19.96 ug/ml



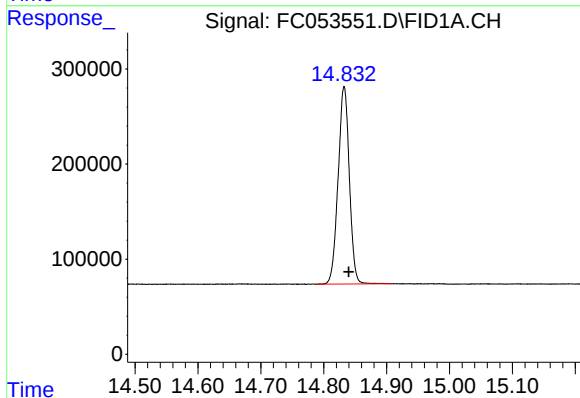
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.006 min
Response: 2635449
Conc: 19.81 ug/ml

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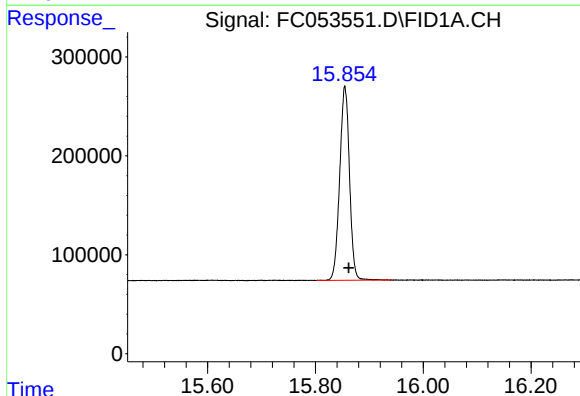
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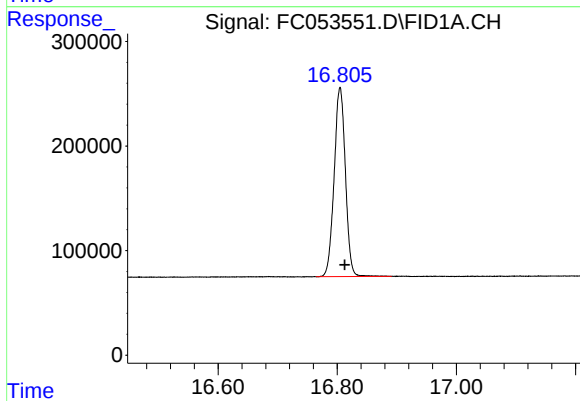
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.007 min
Response: 2578018
Conc: 19.31 ug/ml



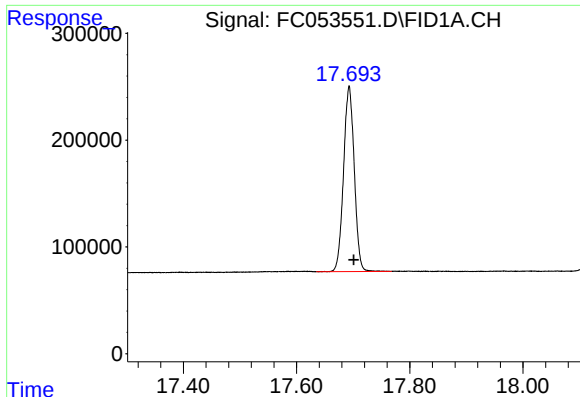
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.007 min
Response: 2476359
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.008 min
Response: 2372016
Conc: 18.12 ug/ml



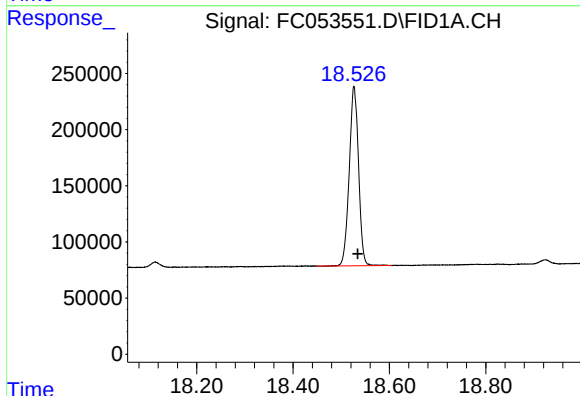
#17 n-Tricontane (C30)

R.T.: 17.693 min
Delta R.T.: -0.008 min
Response: 2278577
Conc: 17.47 ug/ml

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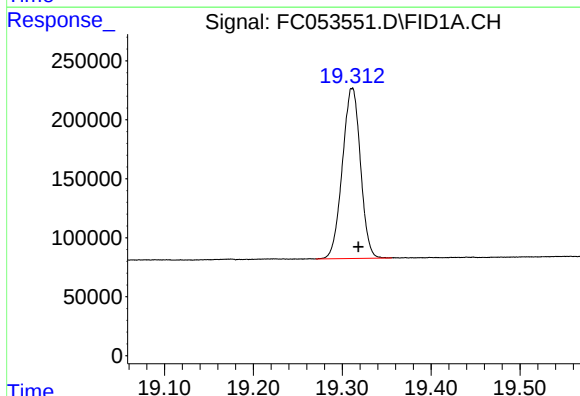
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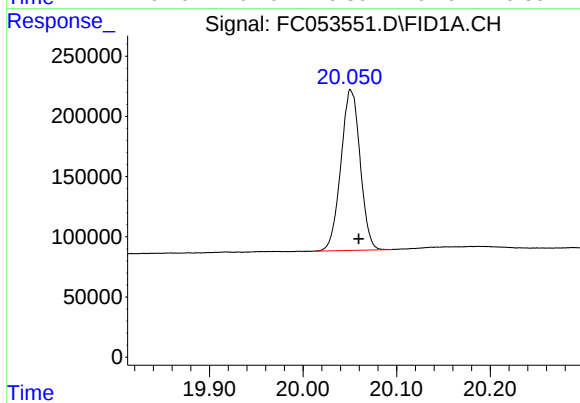
#18 n-Dotriacontane (C32)

R.T.: 18.527 min
Delta R.T.: -0.008 min
Response: 2153480
Conc: 17.07 ug/ml



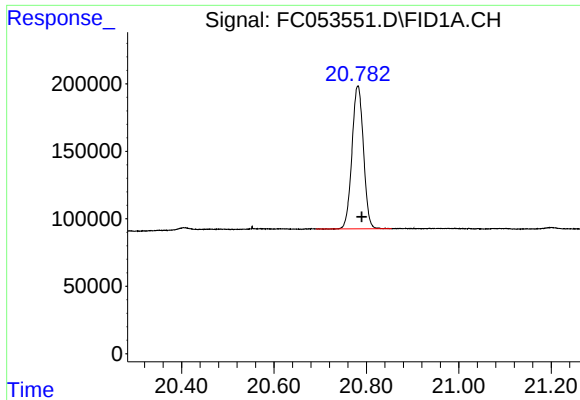
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.006 min
Response: 2046325
Conc: 16.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.010 min
Response: 1908375
Conc: 16.32 ug/ml m



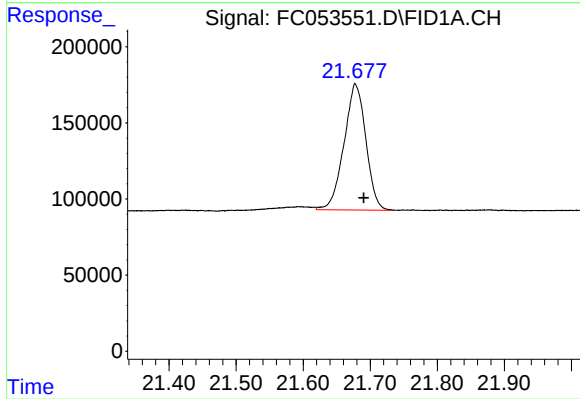
#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.009 min
Response: 1818617
Conc: 17.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.677 min
Delta R.T.: -0.013 min
Response: 1875764
Conc: 18.82 ug/ml m