

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
 Data File : FC054409.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2021 3:45
 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

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 6/24/2021 12:59:52 PM

Integration File: autoint1.e
 Quant Time: Jun 24 06:30:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.340	2611912	17.199 ug/ml
Spiked Amount 50.000		Recovery =	34.40%
12) S 1-chlorooctadecane (S...	12.783	1986001	16.859 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
Target Compounds			
1) T n-Nonane (C9)	3.150	2632199	20.454 ug/ml
2) T n-Decane (C10)	4.205	2665773	20.796 ug/ml
3) T A~Naphthalene (C11.7)	5.773	2874363	19.899 ug/ml
4) T n-Dodecane (C12)	6.214	2664170	20.317 ug/ml
5) T A~2-methylnaphthalene...	6.826	2822139	19.548 ug/ml
6) T n-Tetradecane (C14)	8.002	2638094	19.898 ug/ml
7) T n-Hexadecane (C16)	9.598	2587388	19.128 ug/ml
8) T n-Octadecane (C18)	11.036	2532660	18.146 ug/ml
10) T n-Eicosane (C20)	12.342	2402689	17.305 ug/ml
11) T n-Heneicosane (C21)	12.952	2375583	17.006 ug/ml
13) T n-Docosane (C22)	13.536	2323168	16.789 ug/ml
14) T n-Tetracosane (C24)	14.637	2265813	16.453 ug/ml
15) T n-Hexacosane (C26)	15.657	2170724	16.116 ug/ml
16) T n-Octacosane (C28)	16.605	2178379	16.440 ug/ml
17) T n-Tricontane (C30)	17.491	2231263	17.360 ug/ml
18) T n-Dotriacontane (C32)	18.322	2237449	18.185 ug/mlm
19) T n-Tetratriacontane (C34)	19.104	2232086	19.080 ug/mlm
20) T n-Hexatriacontane (C36)	19.845	2159503	19.564 ug/ml
21) T n-Octatriacontane (C38)	20.551	2101298	20.556 ug/mlm
22) T n-Tetracontane (C40)	21.375	2141626	20.015 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

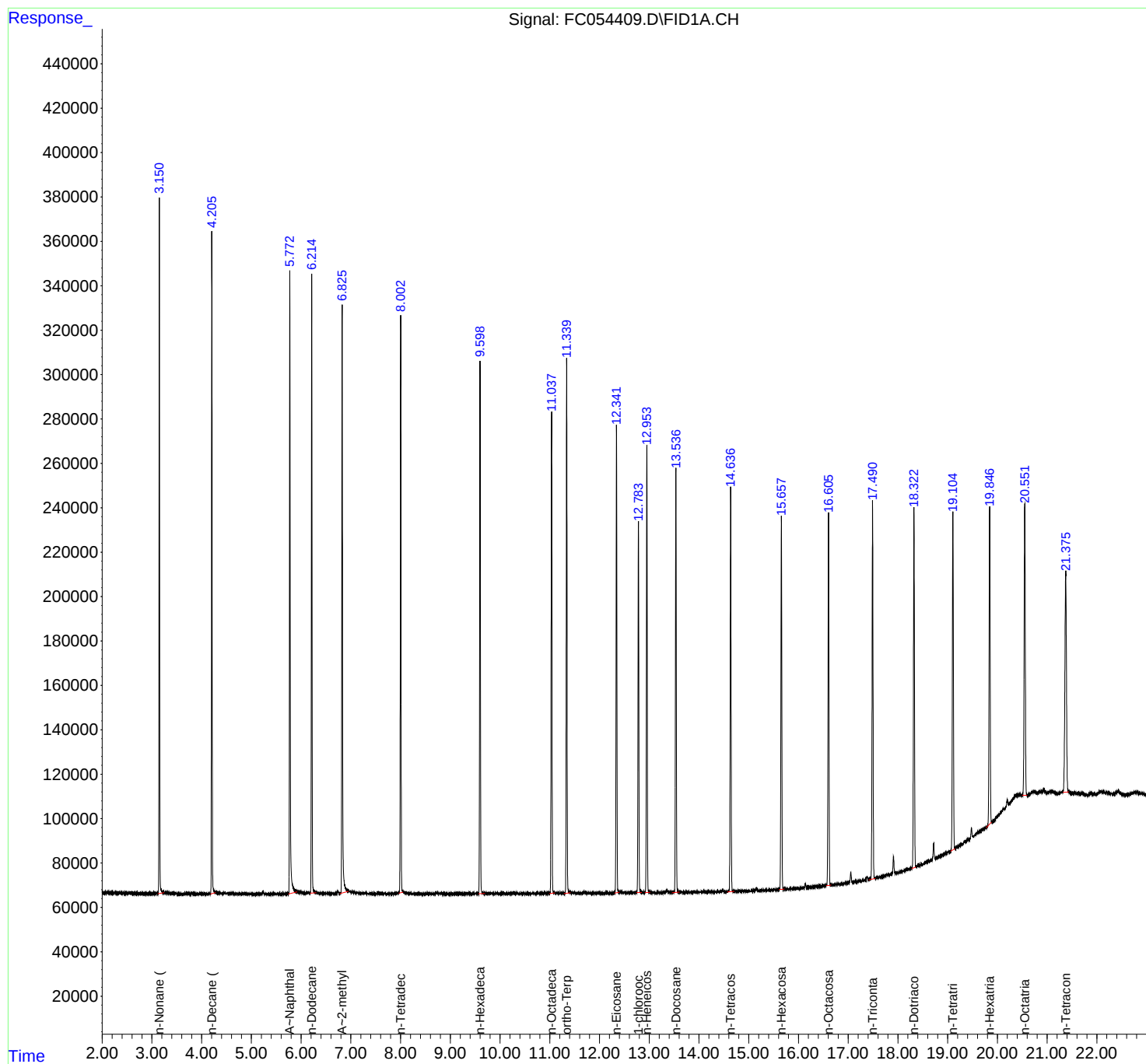
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

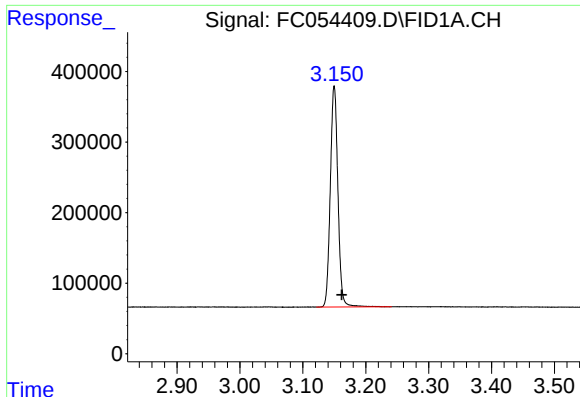
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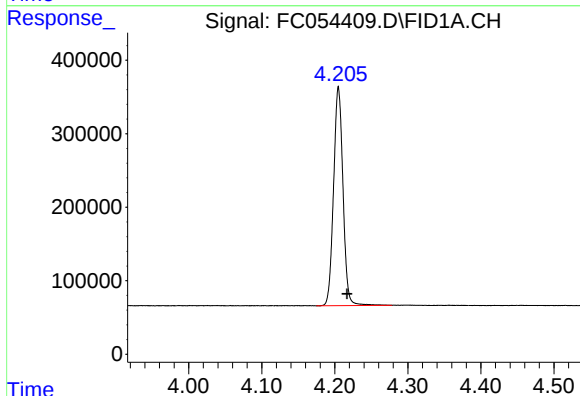
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: -0.012 min
Response: 2632199
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

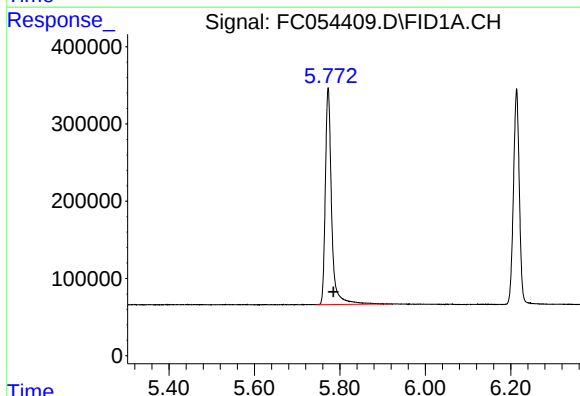
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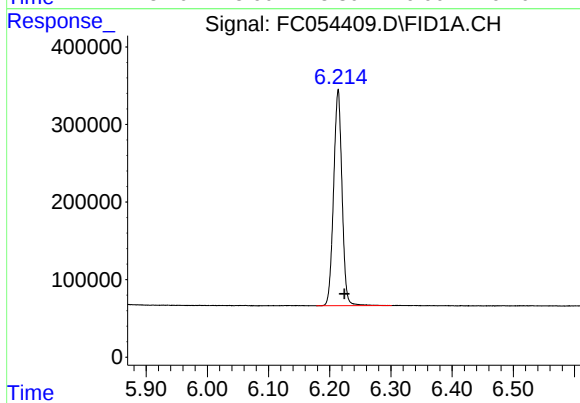
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 2665773
Conc: 20.80 ug/ml



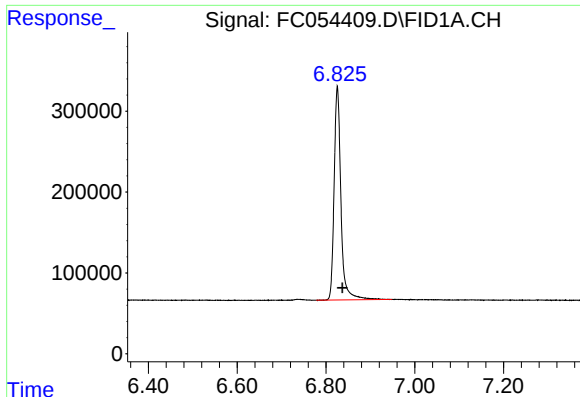
#3 A~Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 2874363
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.214 min
Delta R.T.: -0.010 min
Response: 2664170
Conc: 20.32 ug/ml



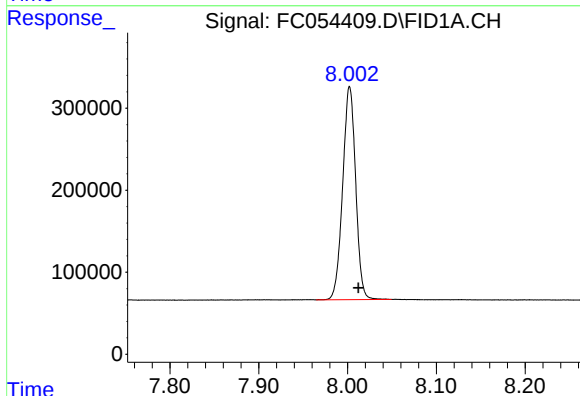
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.012 min
Response: 2822139
Conc: 19.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

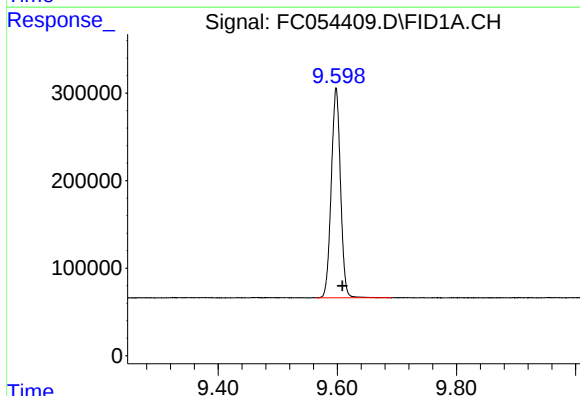
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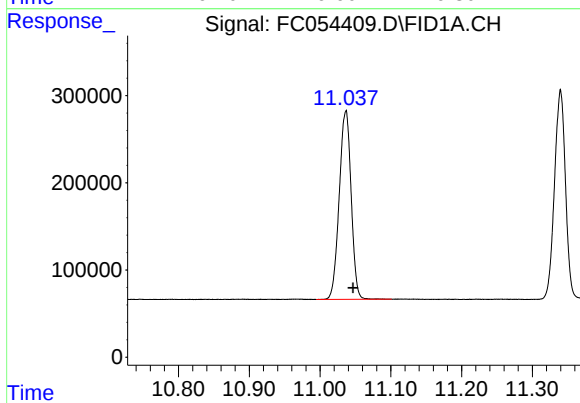
#6 n-Tetradecane (C14)

R.T.: 8.002 min
Delta R.T.: -0.010 min
Response: 2638094
Conc: 19.90 ug/ml



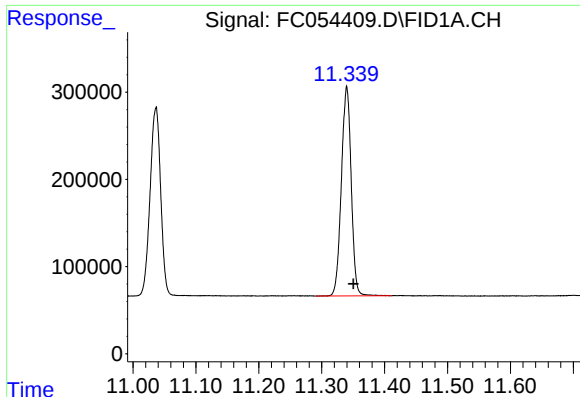
#7 n-Hexadecane (C16)

R.T.: 9.598 min
Delta R.T.: -0.010 min
Response: 2587388
Conc: 19.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.036 min
Delta R.T.: -0.010 min
Response: 2532660
Conc: 18.15 ug/ml



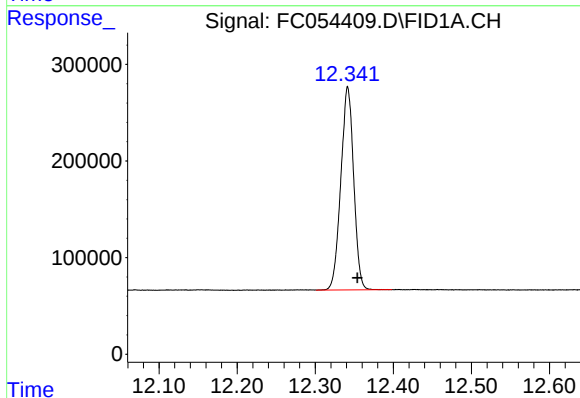
#9 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.010 min
Response: 2611912
Conc: 17.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

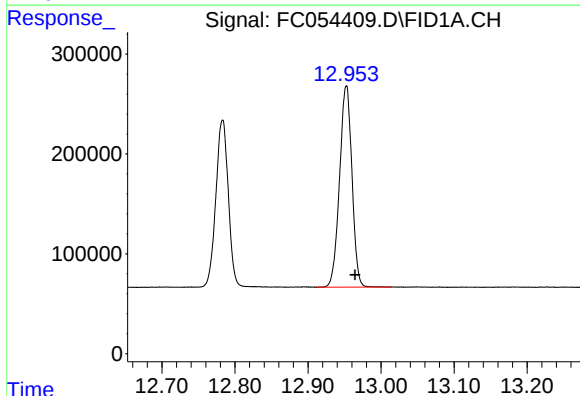
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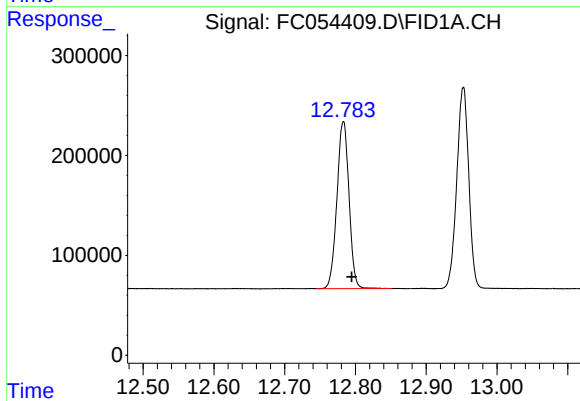
#10 n-Eicosane (C20)

R.T.: 12.342 min
Delta R.T.: -0.012 min
Response: 2402689
Conc: 17.30 ug/ml



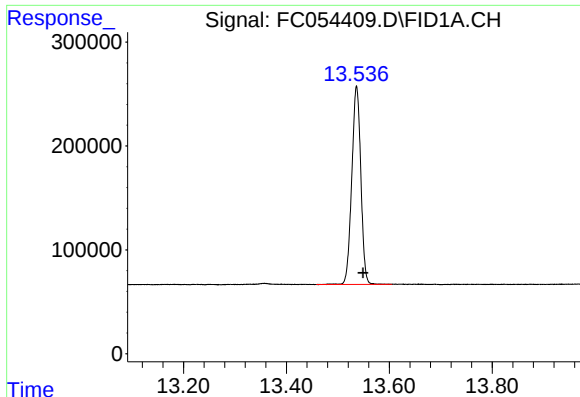
#11 n-Heneicosane (C21)

R.T.: 12.952 min
Delta R.T.: -0.012 min
Response: 2375583
Conc: 17.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.783 min
Delta R.T.: -0.012 min
Response: 1986001
Conc: 16.86 ug/ml



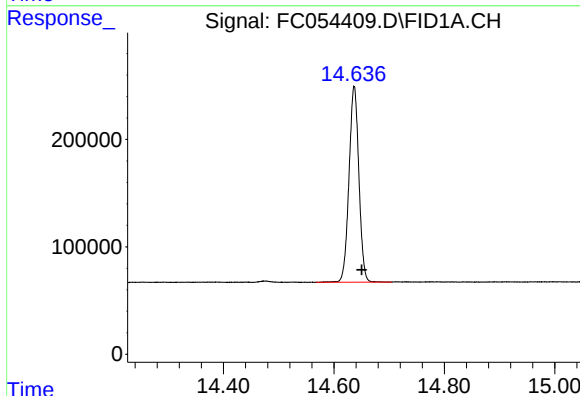
#13 n-Docosane (C22)

R.T.: 13.536 min
Delta R.T.: -0.013 min
Response: 2323168
Conc: 16.79 ug/ml

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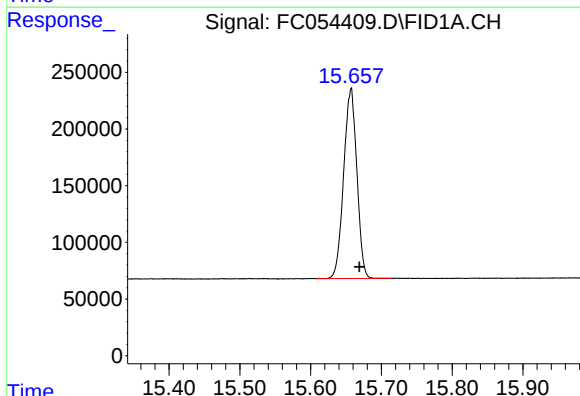
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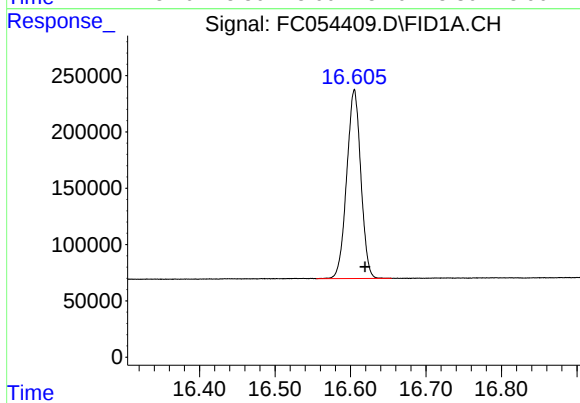
#14 n-Tetracosane (C24)

R.T.: 14.637 min
Delta R.T.: -0.014 min
Response: 2265813
Conc: 16.45 ug/ml



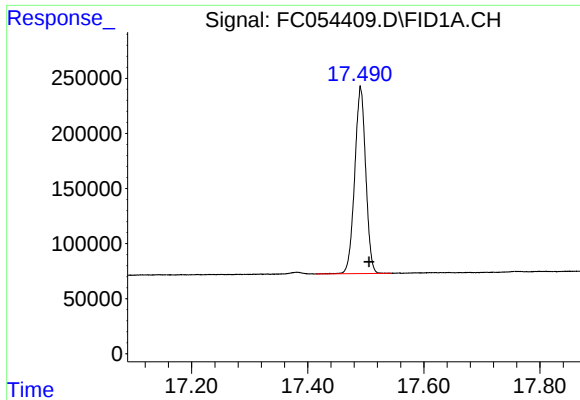
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: -0.012 min
Response: 2170724
Conc: 16.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.605 min
Delta R.T.: -0.014 min
Response: 2178379
Conc: 16.44 ug/ml



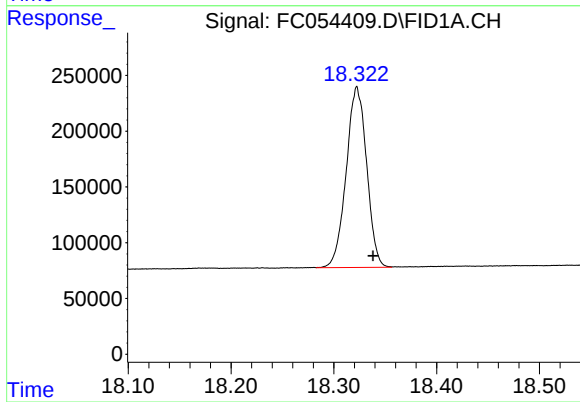
#17 n-Tricontane (C30)

R.T.: 17.491 min
Delta R.T.: -0.015 min
Response: 2231263
Conc: 17.36 ug/ml

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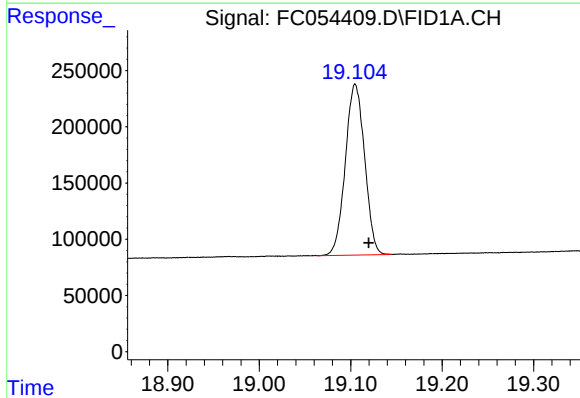
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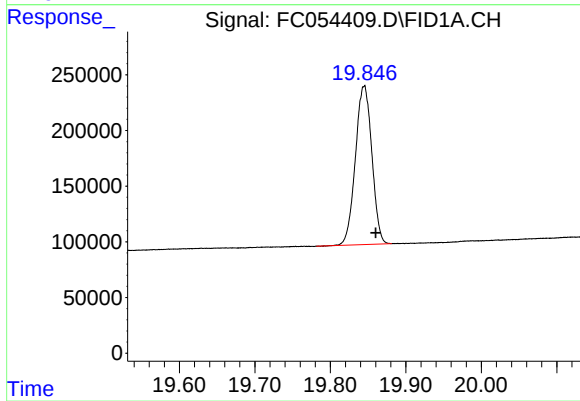
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: -0.016 min
Response: 2237449
Conc: 18.18 ug/ml m



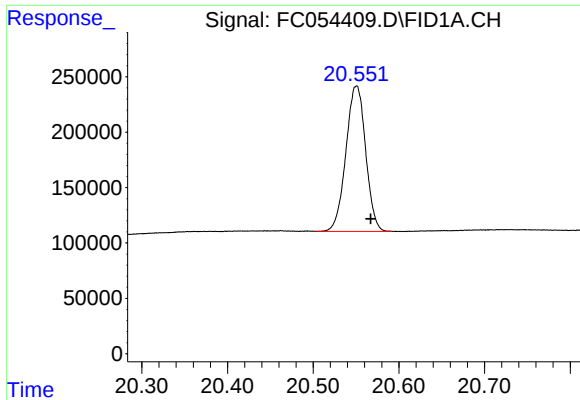
#19 n-Tetratriacontane (C34)

R.T.: 19.104 min
Delta R.T.: -0.015 min
Response: 2232086
Conc: 19.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.845 min
Delta R.T.: -0.015 min
Response: 2159503
Conc: 19.56 ug/ml



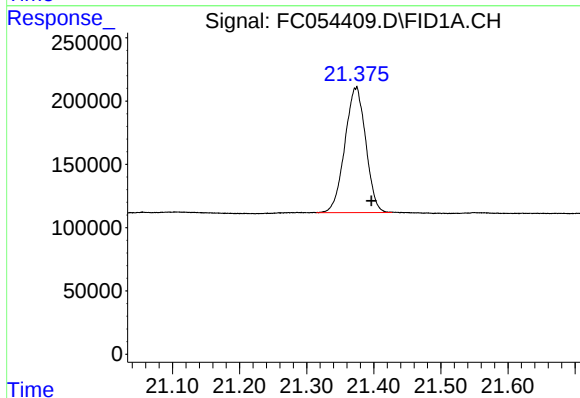
#21 n-Octatriacontane (C38)

R.T.: 20.551 min
Delta R.T.: -0.016 min
Response: 2101298
Conc: 20.56 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.375 min
Delta R.T.: -0.022 min
Response: 2141626
Conc: 20.02 ug/ml m