

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
 Data File : FC053615.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2021 17:25
 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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 5/10/2021 2:06:55 PM

Integration File: autoint1.e
 Quant Time: May 10 01:11:55 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)	11.529	2917555	21.073 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	12.970	2302111	20.640 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.289	2544765	21.545 ug/ml
2) T n-Decane (C10)	4.353	2602160	21.975 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2879878	22.102 ug/ml
4) T n-Dodecane (C12)	6.372	2670212	22.067 ug/ml
5) T A~2-methylnaphthalene...	6.995	2948081	22.298 ug/ml
6) T n-Tetradecane (C14)	8.170	2694546	22.120 ug/ml
7) T n-Hexadecane (C16)	9.772	2669428	21.795 ug/ml
8) T n-Octadecane (C18)	11.215	2791134	21.432 ug/ml
10) T n-Eicosane (C20)	12.526	2785374	21.044 ug/ml
11) T n-Heneicosane (C21)	13.139	2754224	20.738 ug/ml
13) T n-Docosane (C22)	13.726	2743475	20.626 ug/ml
14) T n-Tetracosane (C24)	14.830	2681695	20.090 ug/ml
15) T n-Hexacosane (C26)	15.852	2547981	19.272 ug/ml
16) T n-Octacosane (C28)	16.803	2428913	18.555 ug/ml
17) T n-Tricontane (C30)	17.692	2331094	17.872 ug/ml
18) T n-Dotriacontane (C32)	18.525	2200894	17.443 ug/ml
19) T n-Tetratriacontane (C34)	19.310	2110785	17.324 ug/mlm
20) T n-Hexatriacontane (C36)	20.048	2016150	17.244 ug/mlm
21) T n-Octatriacontane (C38)	20.780	1931360	18.774 ug/mlm
22) T n-Tetracontane (C40)	21.676	2000267	20.074 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

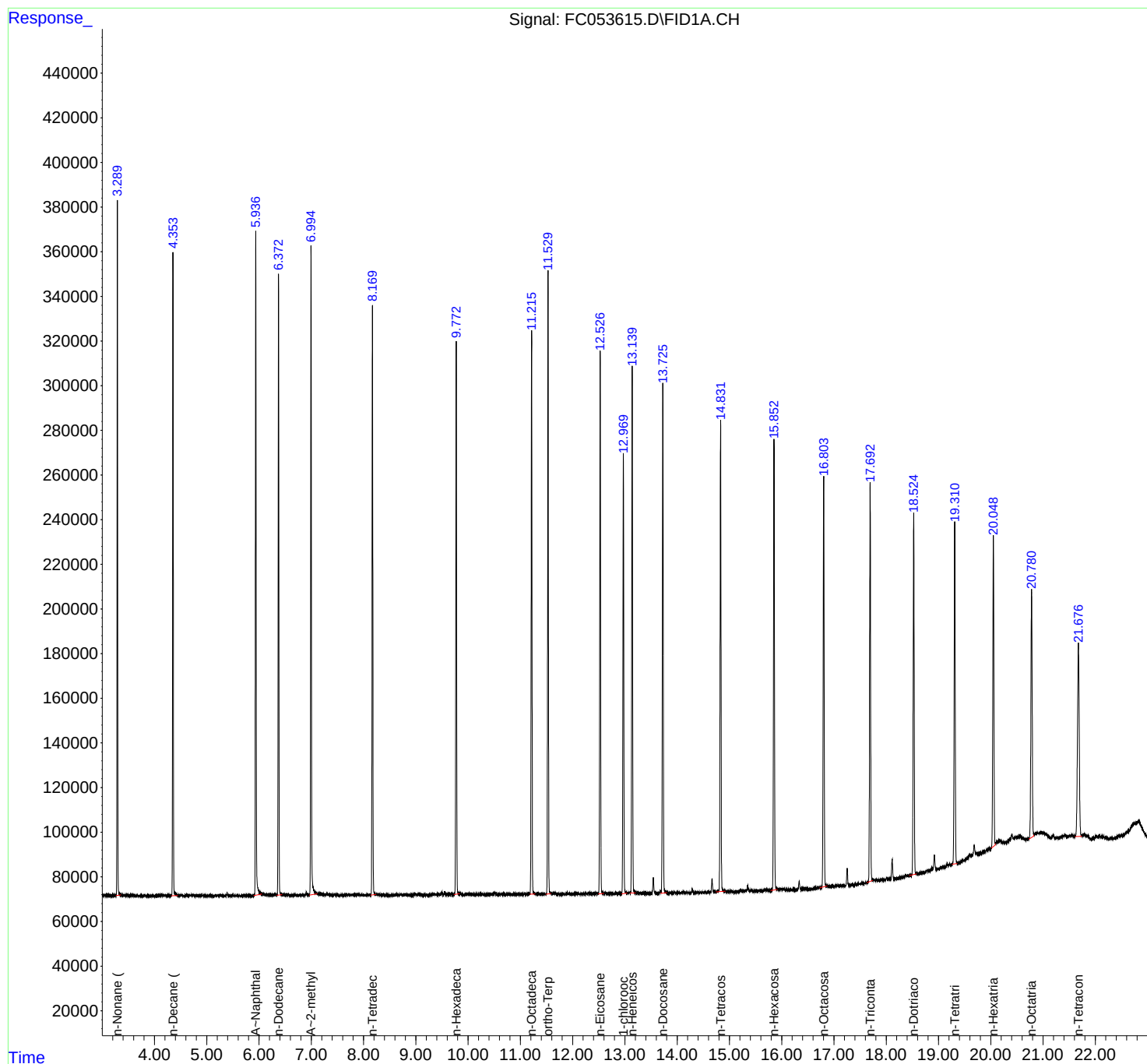
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

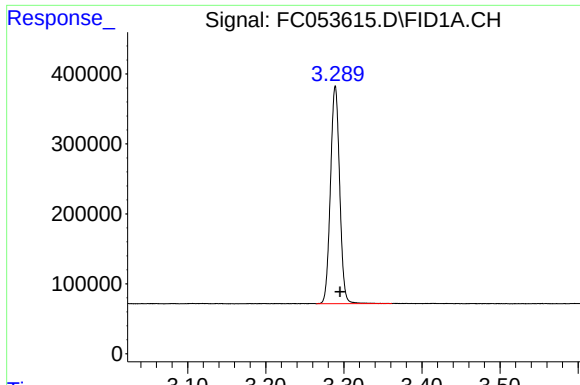
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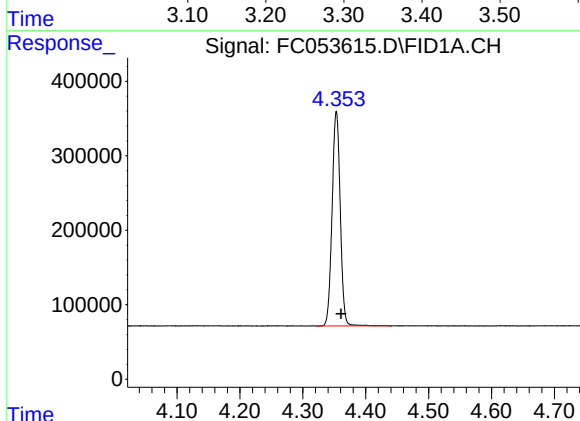
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2544765
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

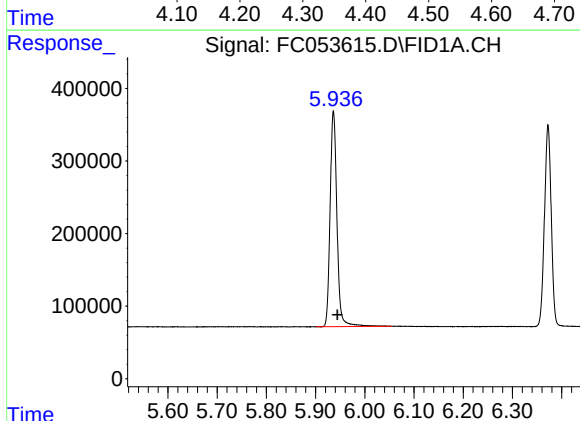
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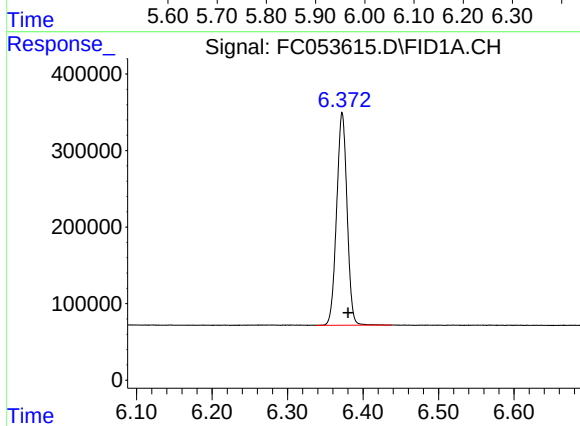
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.007 min
Response: 2602160
Conc: 21.97 ug/ml



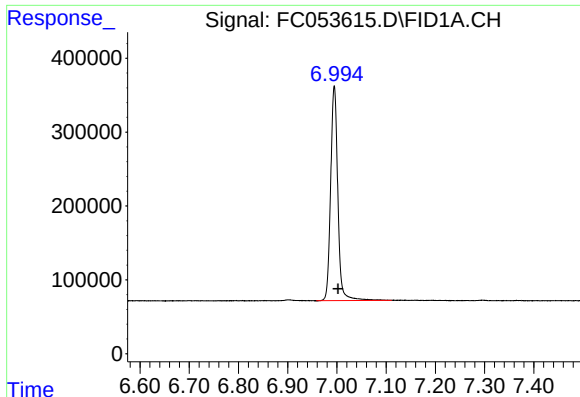
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 2879878
Conc: 22.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 2670212
Conc: 22.07 ug/ml



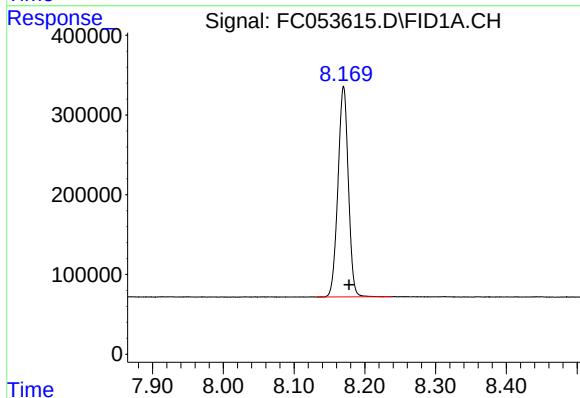
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: -0.008 min
Response: 2948081
Conc: 22.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

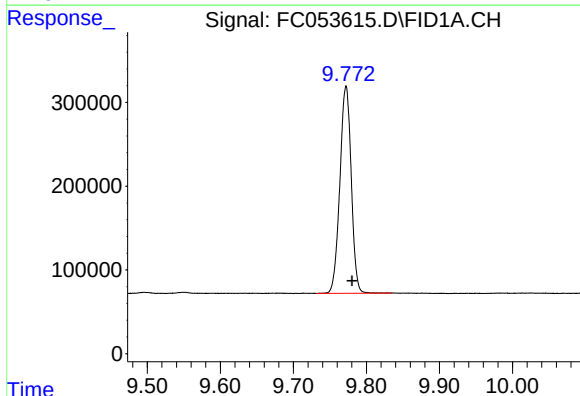
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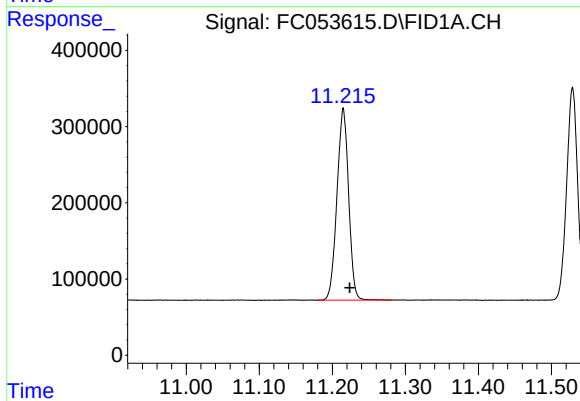
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 2694546
Conc: 22.12 ug/ml



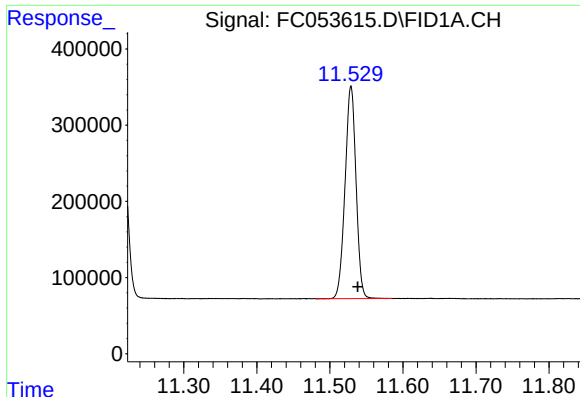
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2669428
Conc: 21.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 2791134
Conc: 21.43 ug/ml



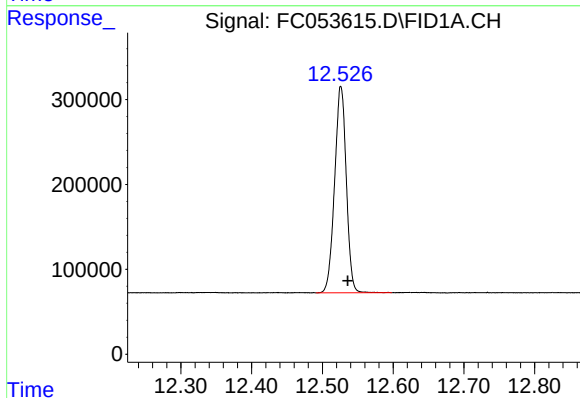
#9 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.009 min
Response: 2917555
Conc: 21.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

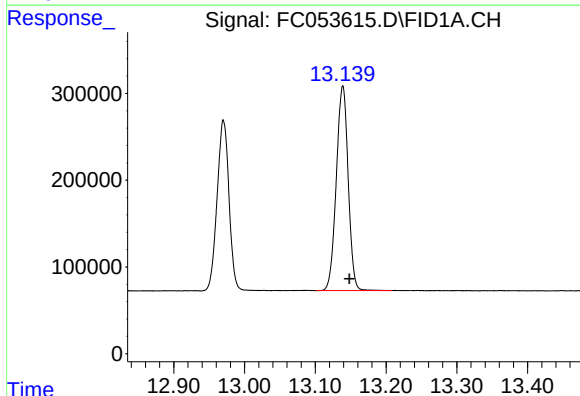
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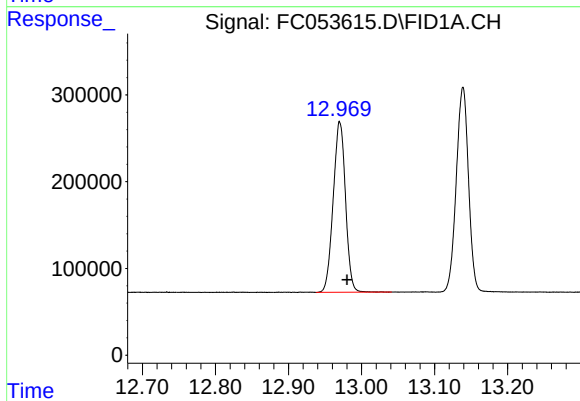
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 2785374
Conc: 21.04 ug/ml



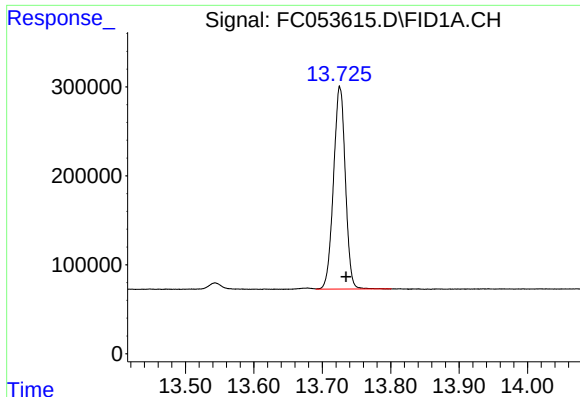
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.010 min
Response: 2754224
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.010 min
Response: 2302111
Conc: 20.64 ug/ml



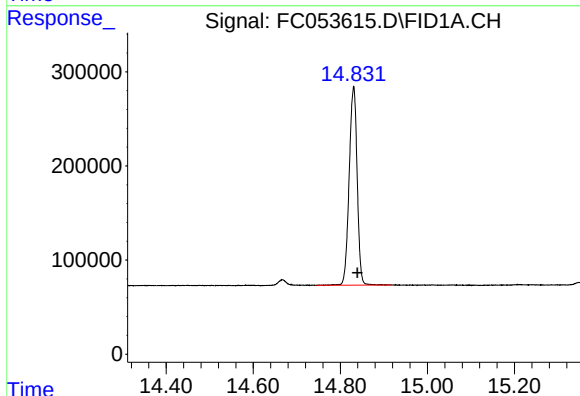
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2743475
Conc: 20.63 ug/ml

Instrument :
FID_C
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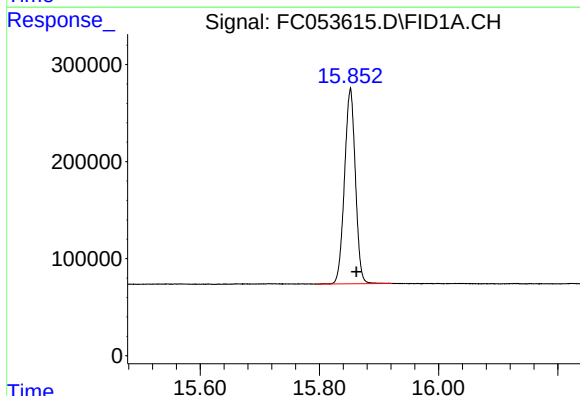
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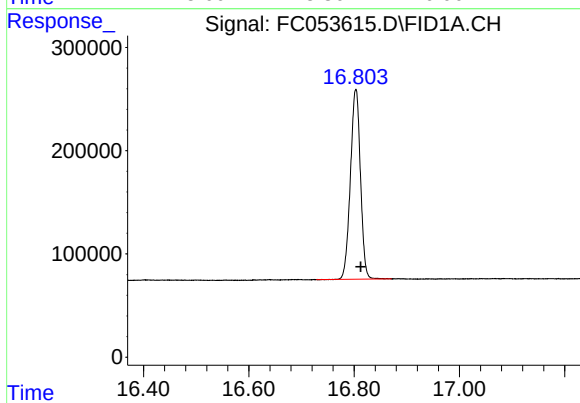
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.009 min
Response: 2681695
Conc: 20.09 ug/ml



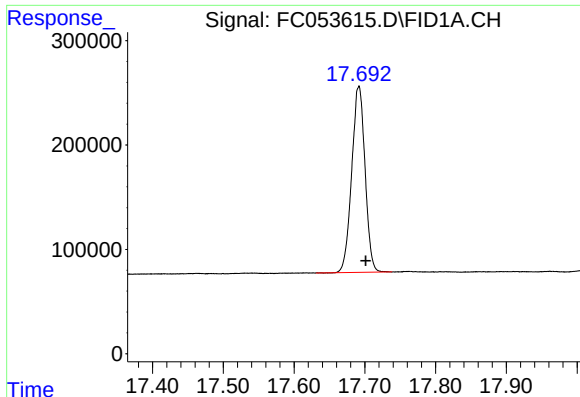
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.010 min
Response: 2547981
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.009 min
Response: 2428913
Conc: 18.55 ug/ml



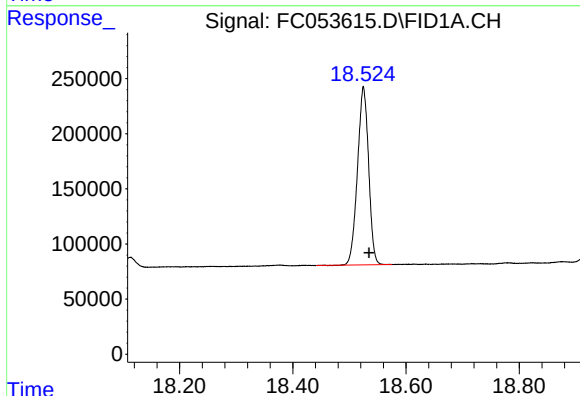
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.010 min
Response: 2331094
Conc: 17.87 ug/ml

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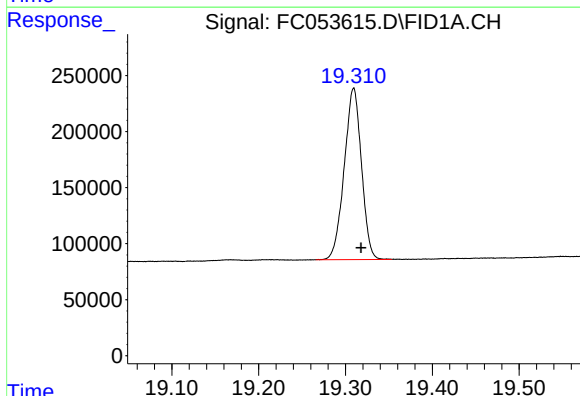
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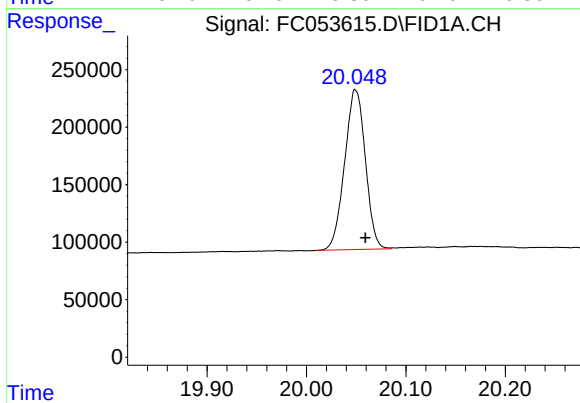
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.010 min
Response: 2200894
Conc: 17.44 ug/ml



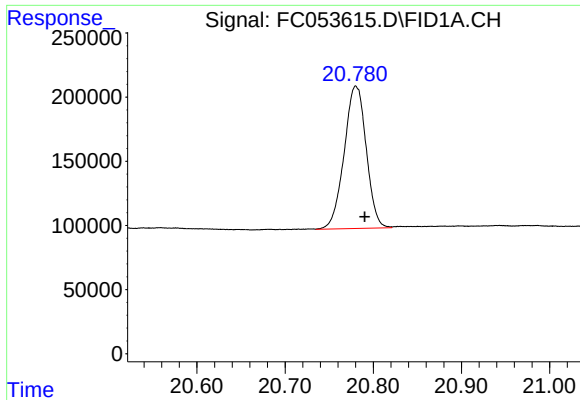
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.009 min
Response: 2110785
Conc: 17.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.011 min
Response: 2016150
Conc: 17.24 ug/ml m



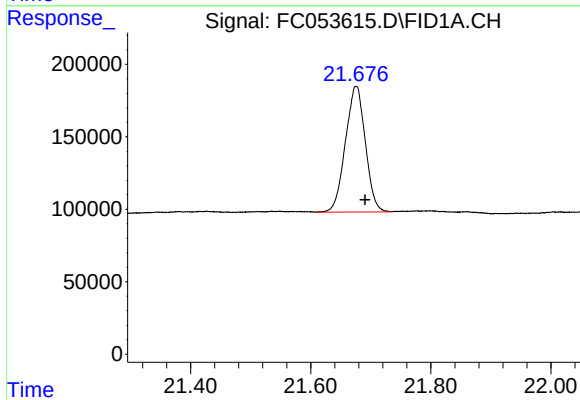
#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.011 min
Response: 1931360
Conc: 18.77 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.676 min
Delta R.T.: -0.015 min
Response: 2000267
Conc: 20.07 ug/ml m