

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
 Data File : FC053609.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2021 13:47
 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 2:06:49 PM

Integration File: autoint1.e
 Quant Time: May 10 01:10:21 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)	11.530	2931240	21.172 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
12) S 1-chlorooctadecane (S...	12.971	2314079	20.748 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T n-Nonane (C9)	3.289	2553902	21.623 ug/ml
2) T n-Decane (C10)	4.354	2603639	21.987 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2894035	22.210 ug/ml
4) T n-Dodecane (C12)	6.373	2677065	22.124 ug/ml
5) T A~2-methylnaphthalene...	6.995	2961190	22.397 ug/ml
6) T n-Tetradecane (C14)	8.170	2715739	22.294 ug/ml
7) T n-Hexadecane (C16)	9.772	2701148	22.054 ug/ml
8) T n-Octadecane (C18)	11.216	2798588	21.489 ug/ml
10) T n-Eicosane (C20)	12.526	2807268	21.209 ug/ml
11) T n-Heneicosane (C21)	13.138	2770261	20.859 ug/ml
13) T n-Docosane (C22)	13.726	2743856	20.628 ug/ml
14) T n-Tetracosane (C24)	14.831	2694304	20.184 ug/ml
15) T n-Hexacosane (C26)	15.852	2549082	19.280 ug/ml
16) T n-Octacosane (C28)	16.803	2433467	18.590 ug/ml
17) T n-Tricontane (C30)	17.691	2332801	17.885 ug/ml
18) T n-Dotriacontane (C32)	18.525	2216132	17.563 ug/mlm
19) T n-Tetratriacontane (C34)	19.309	2112010	17.334 ug/mlm
20) T n-Hexatriacontane (C36)	20.049	2001285	17.117 ug/mlm
21) T n-Octatriacontane (C38)	20.779	1888425	18.357 ug/mlm
22) T n-Tetracontane (C40)	21.674	1957569	19.645 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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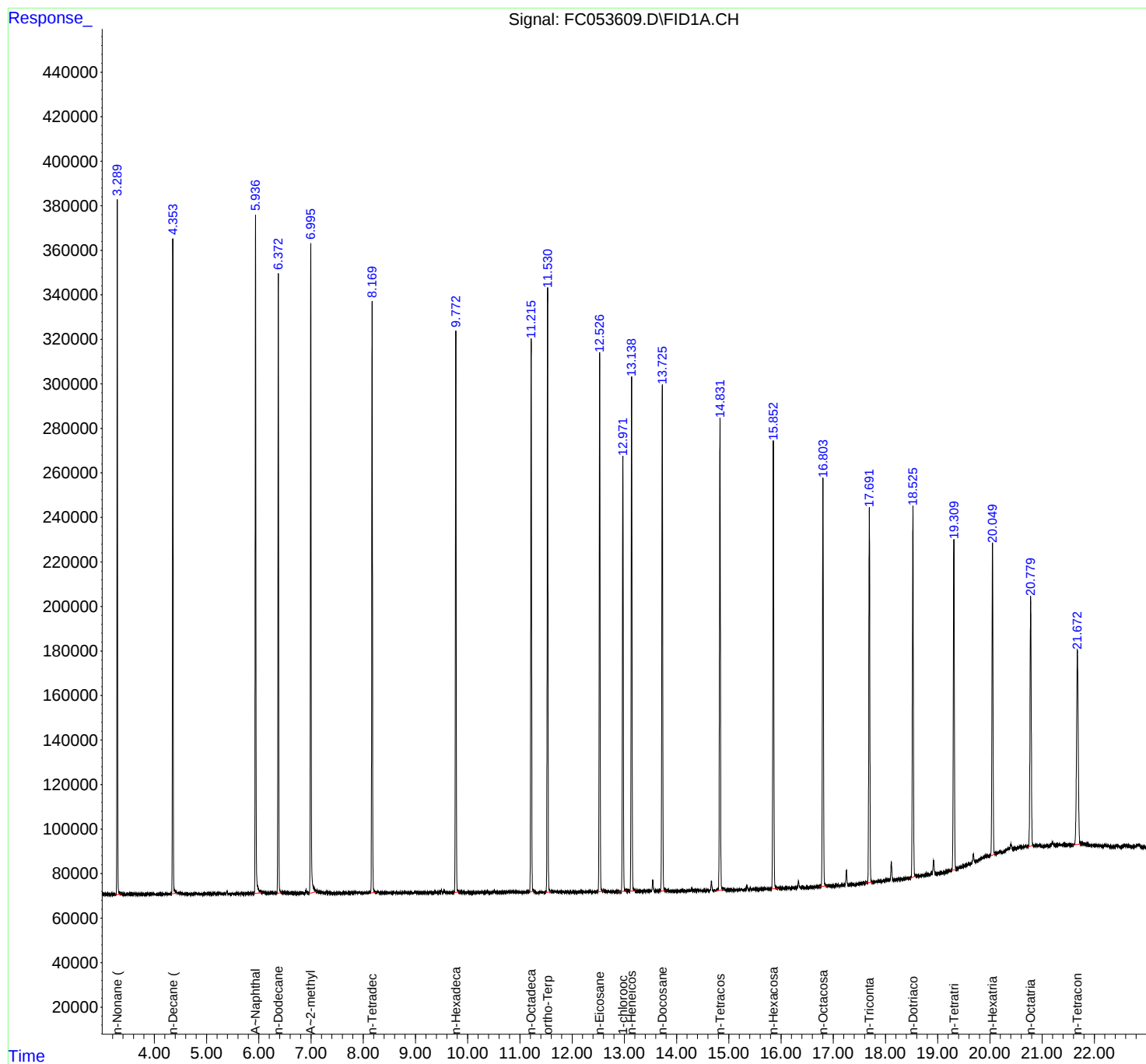
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

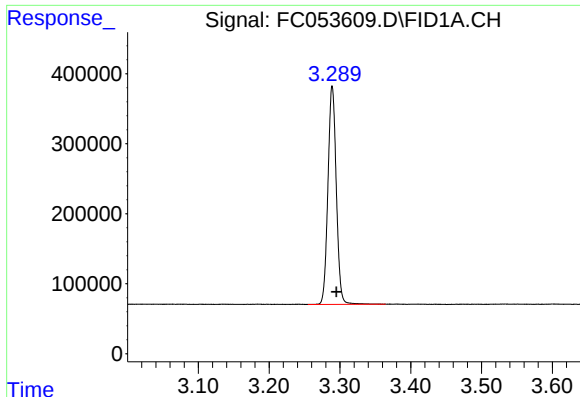
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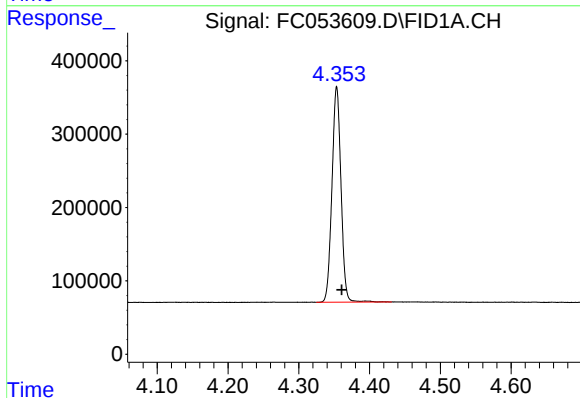
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2553902
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

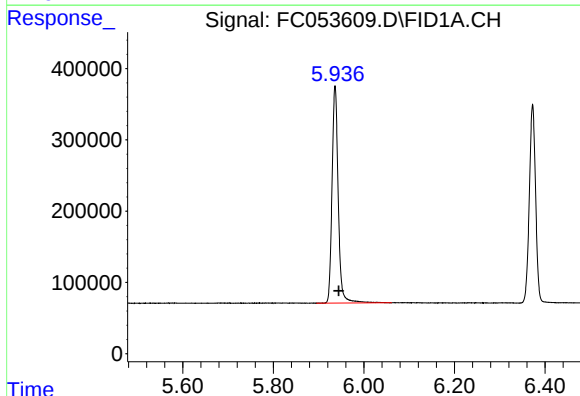
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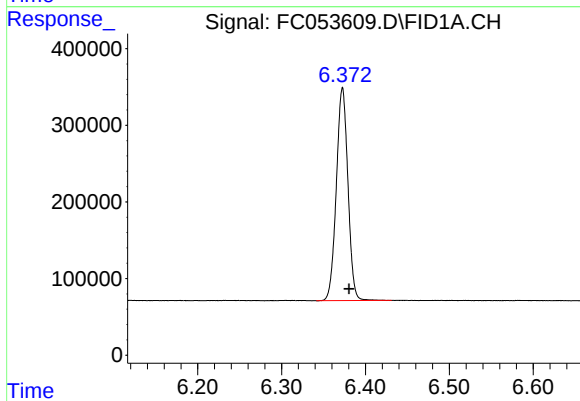
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 2603639
Conc: 21.99 ug/ml



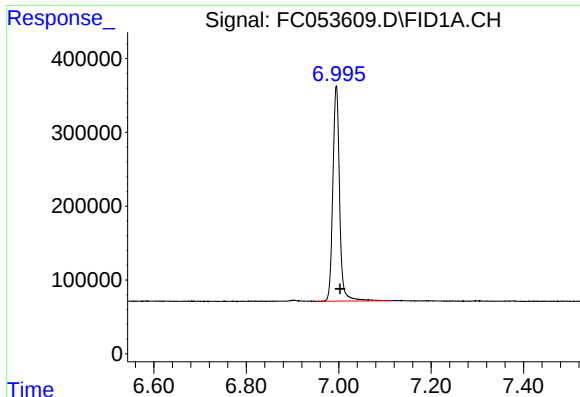
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 2894035
Conc: 22.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.008 min
Response: 2677065
Conc: 22.12 ug/ml



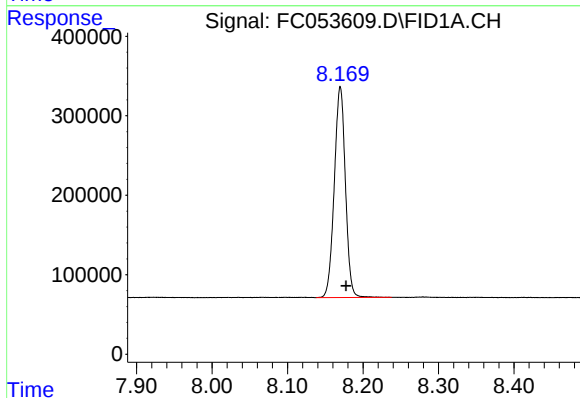
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: -0.008 min
Response: 2961190
Conc: 22.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

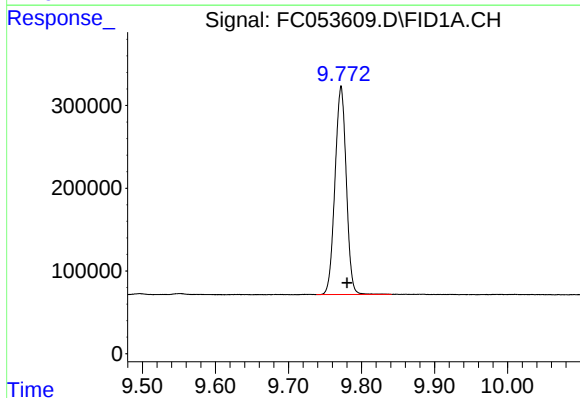
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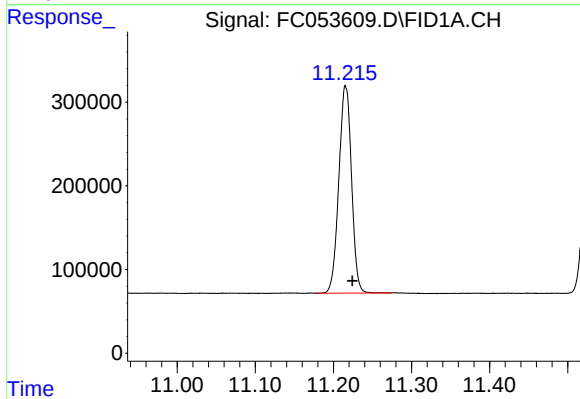
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 2715739
Conc: 22.29 ug/ml



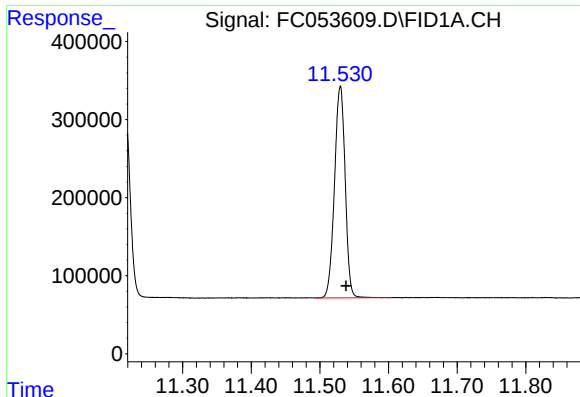
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2701148
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.008 min
Response: 2798588
Conc: 21.49 ug/ml



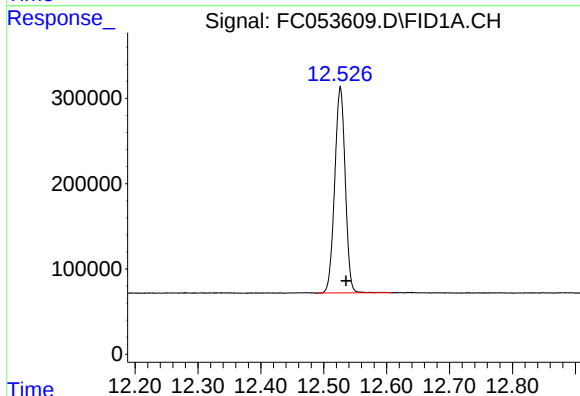
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2931240
Conc: 21.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

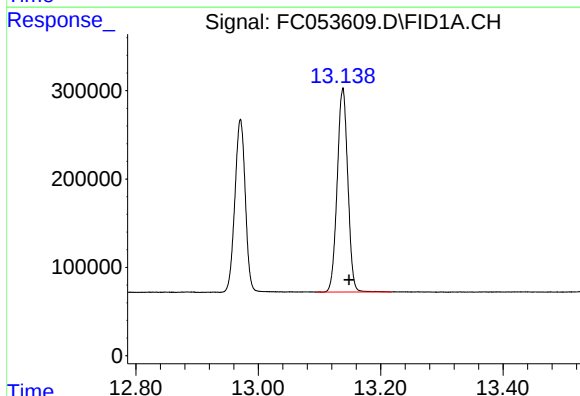
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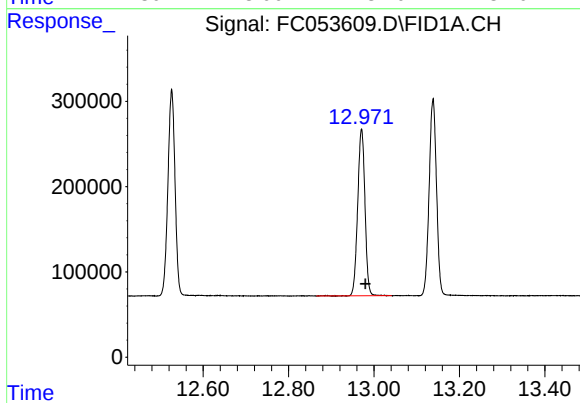
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.009 min
Response: 2807268
Conc: 21.21 ug/ml



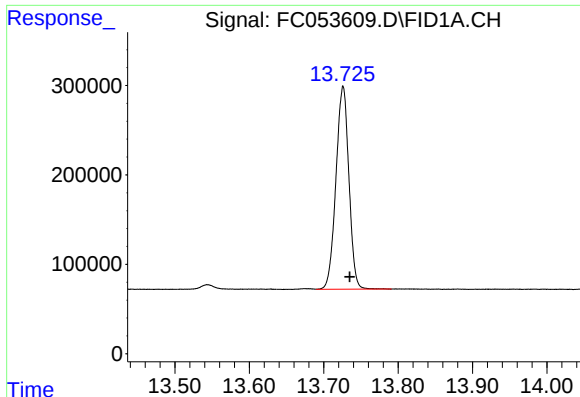
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.010 min
Response: 2770261
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.010 min
Response: 2314079
Conc: 20.75 ug/ml



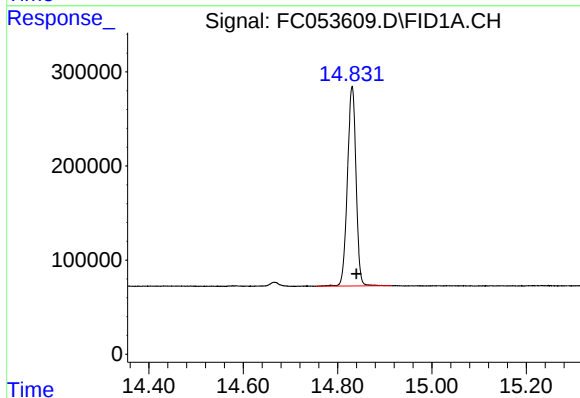
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2743856
Conc: 20.63 ug/ml

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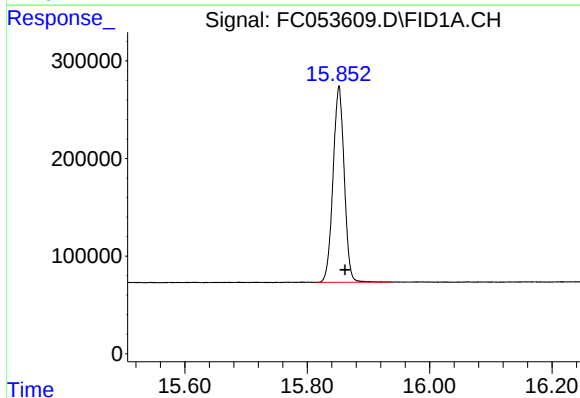
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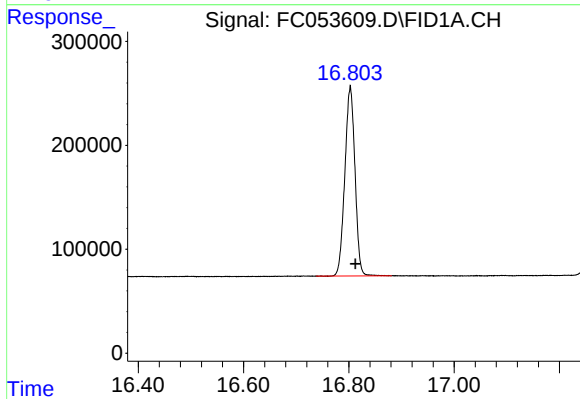
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.009 min
Response: 2694304
Conc: 20.18 ug/ml



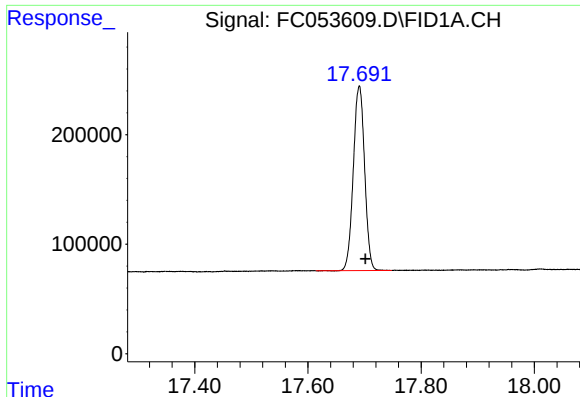
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.010 min
Response: 2549082
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.010 min
Response: 2433467
Conc: 18.59 ug/ml



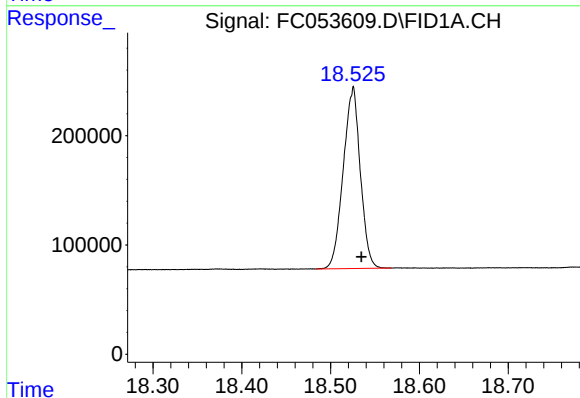
#17 n-Tricontane (C30)

R.T.: 17.691 min
Delta R.T.: -0.011 min
Response: 2332801
Conc: 17.89 ug/ml

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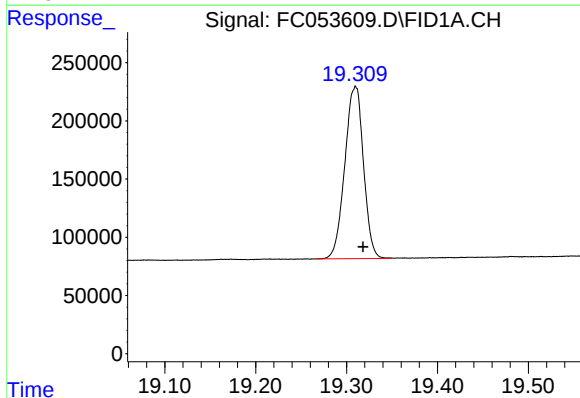
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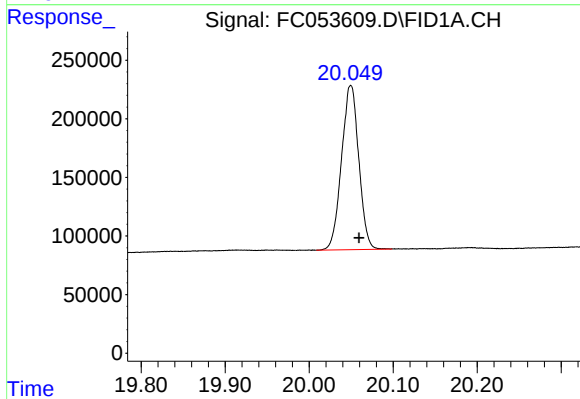
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.009 min
Response: 2216132
Conc: 17.56 ug/ml m



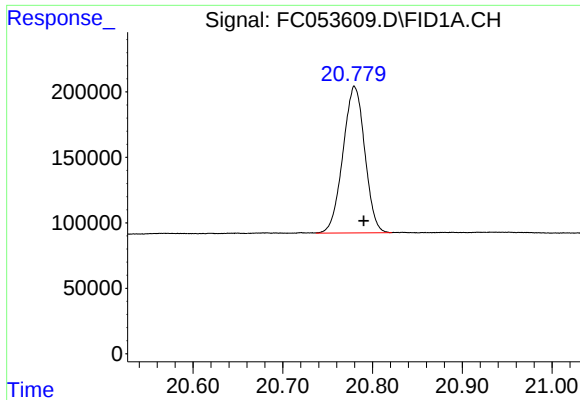
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.009 min
Response: 2112010
Conc: 17.33 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.049 min
Delta R.T.: -0.010 min
Response: 2001285
Conc: 17.12 ug/ml m



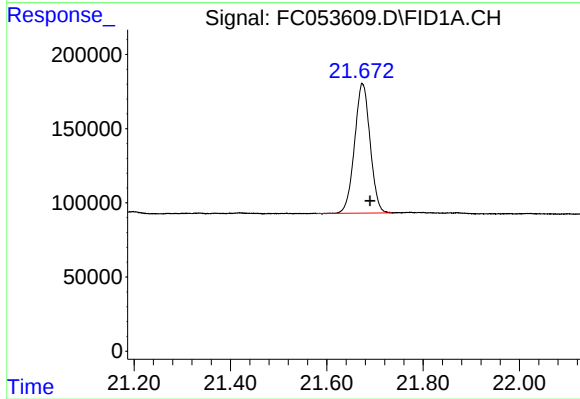
#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.011 min
Response: 1888425
Conc: 18.36 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.674 min
Delta R.T.: -0.016 min
Response: 1957569
Conc: 19.65 ug/ml