

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
 Data File : FC053869.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2021 4:51
 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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 5/21/2021 4:29:20 PM

Integration File: autoint1.e
 Quant Time: May 21 05:14:32 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)	11.535	2461038	17.776 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	12.975	1922573	17.238 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
Target Compounds			
1) T n-Nonane (C9)	3.305	2403795	20.352 ug/ml
2) T n-Decane (C10)	4.368	2444996	20.648 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2663667	20.442 ug/ml
4) T n-Dodecane (C12)	6.384	2494251	20.613 ug/ml
5) T A~2-methylnaphthalene...	7.008	2682844	20.292 ug/ml
6) T n-Tetradecane (C14)	8.179	2474300	20.312 ug/ml
7) T n-Hexadecane (C16)	9.779	2415456	19.722 ug/ml
8) T n-Octadecane (C18)	11.220	2439506	18.732 ug/ml
10) T n-Eicosane (C20)	12.529	2379187	17.975 ug/ml
11) T n-Heneicosane (C21)	13.141	2321200	17.478 ug/ml
13) T n-Docosane (C22)	13.728	2305298	17.331 ug/ml
14) T n-Tetracosane (C24)	14.832	2264315	16.963 ug/ml
15) T n-Hexacosane (C26)	15.853	2206069	16.686 ug/ml
16) T n-Octacosane (C28)	16.803	2188137	16.715 ug/ml
17) T n-Tricontane (C30)	17.691	2230653	17.102 ug/ml
18) T n-Dotriacontane (C32)	18.525	2212971	17.538 ug/ml
19) T n-Tetratriacontane (C34)	19.307	2133865	17.514 ug/ml
20) T n-Hexatriacontane (C36)	20.046	2044893	17.490 ug/mlm
21) T n-Octatriacontane (C38)	20.776	1944049	18.898 ug/ml
22) T n-Tetracontane (C40)	21.670	1989199	19.963 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

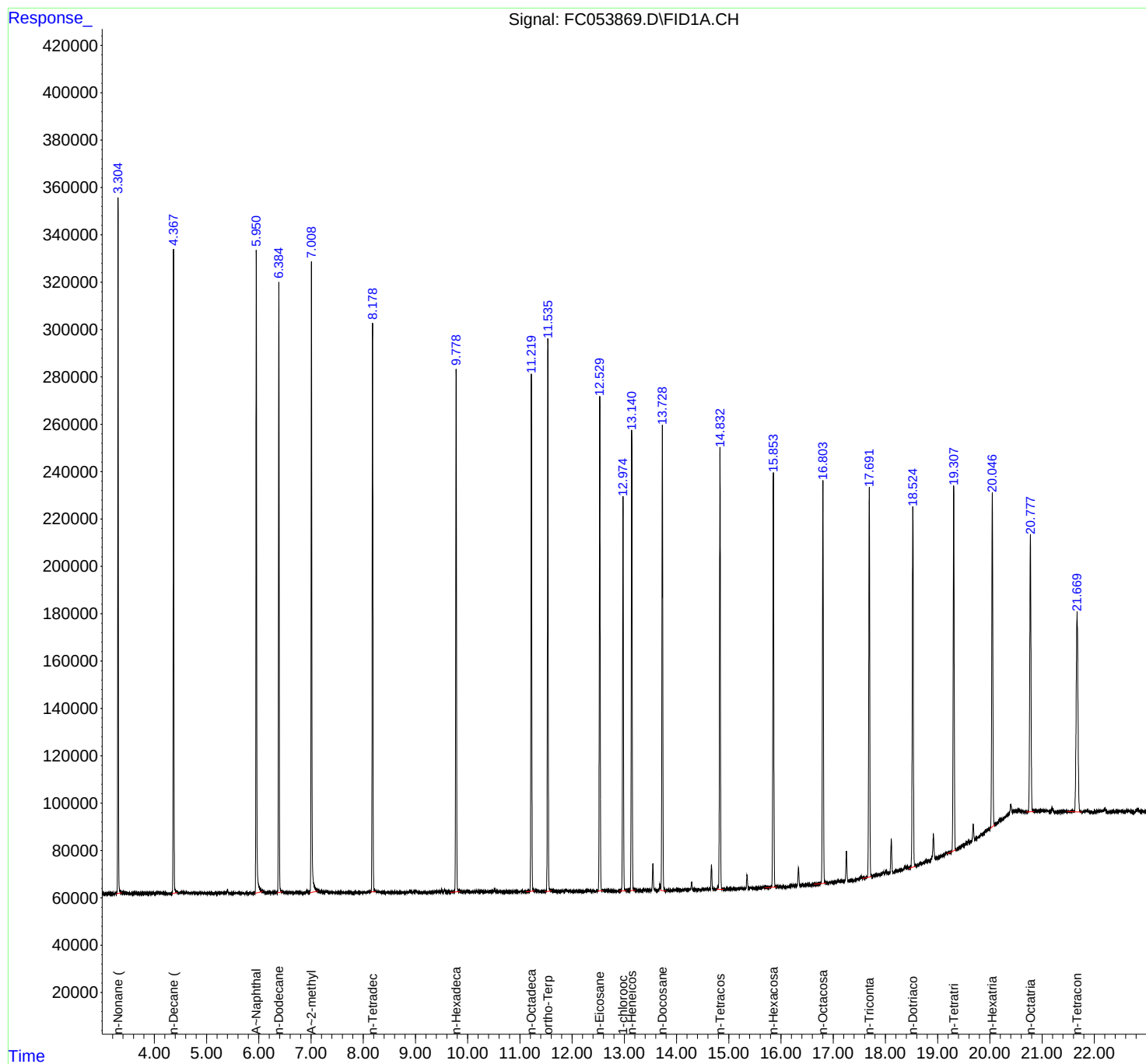
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

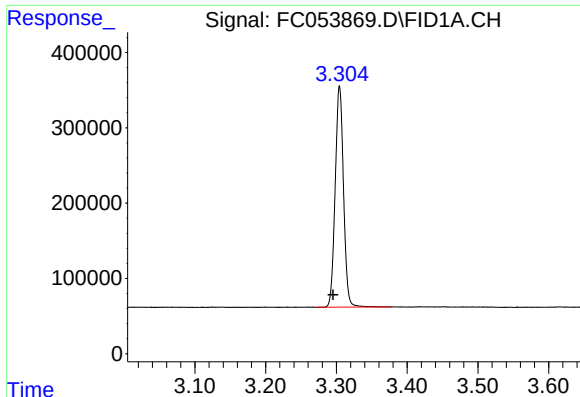
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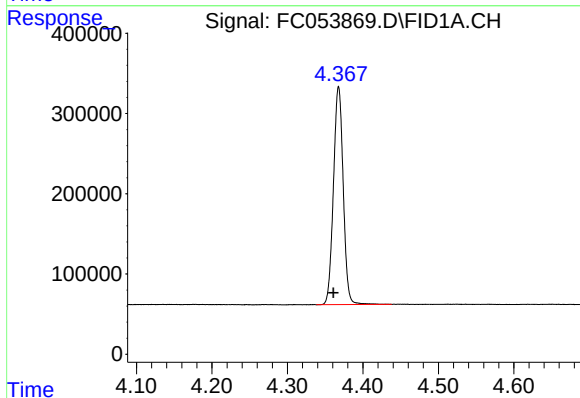
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: 0.010 min
Response: 2403795
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

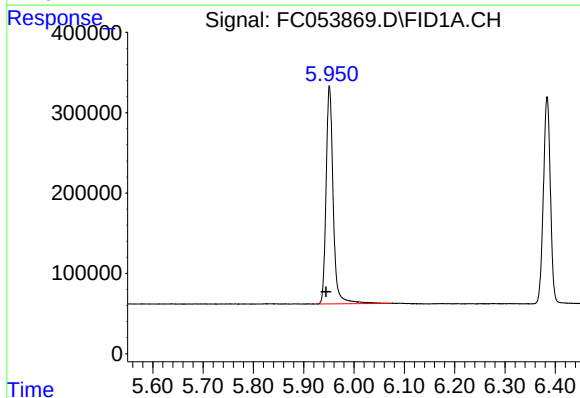
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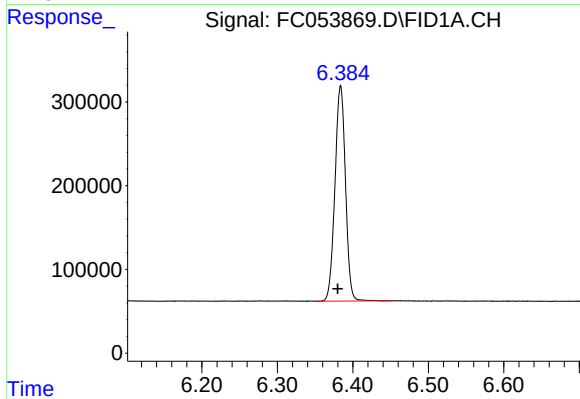
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.007 min
Response: 2444996
Conc: 20.65 ug/ml



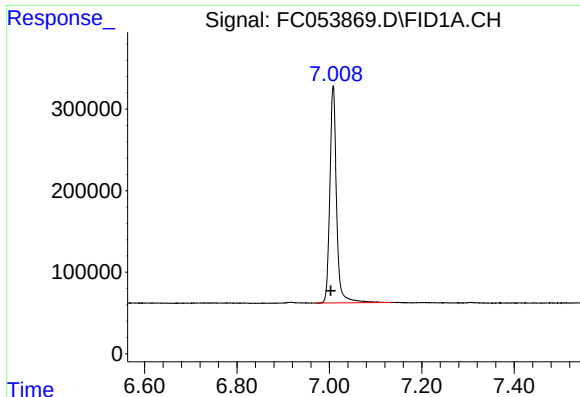
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.007 min
Response: 2663667
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 2494251
Conc: 20.61 ug/ml



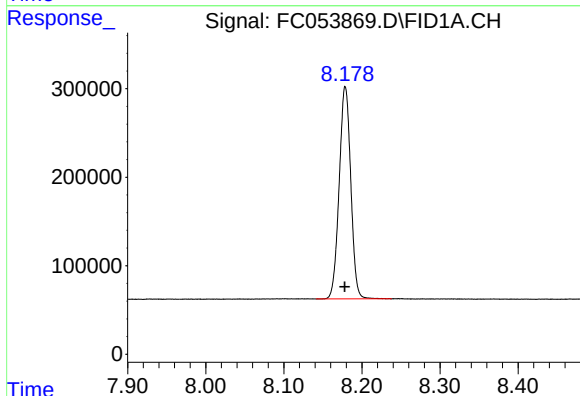
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.005 min
Response: 2682844
Conc: 20.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

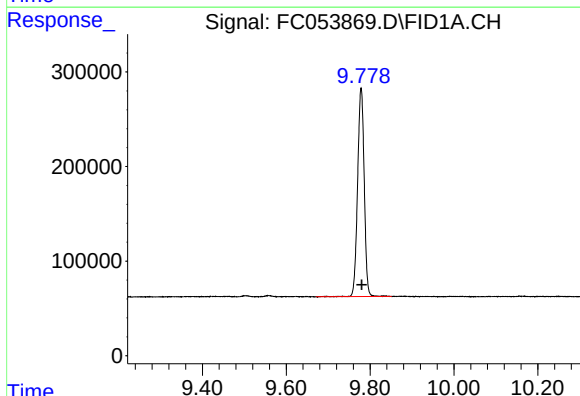
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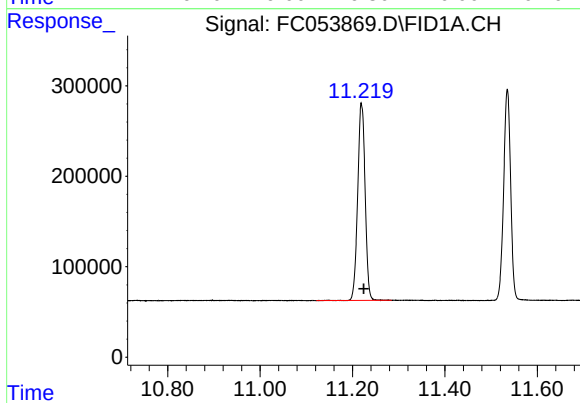
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 2474300
Conc: 20.31 ug/ml



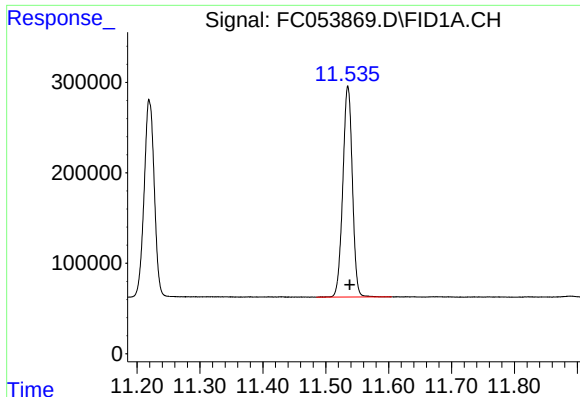
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.002 min
Response: 2415456
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 2439506
Conc: 18.73 ug/ml



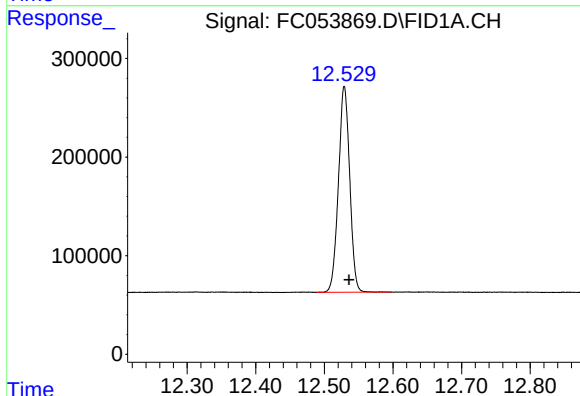
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.003 min
Response: 2461038
Conc: 17.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

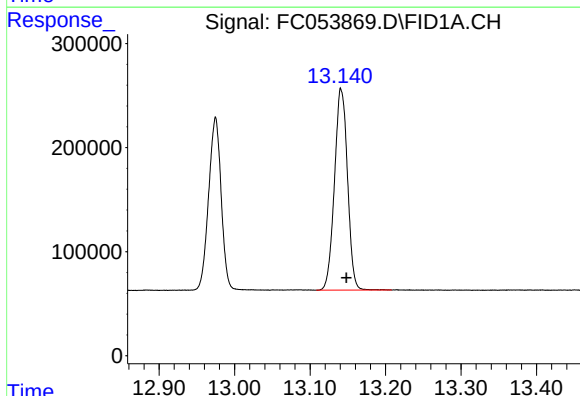
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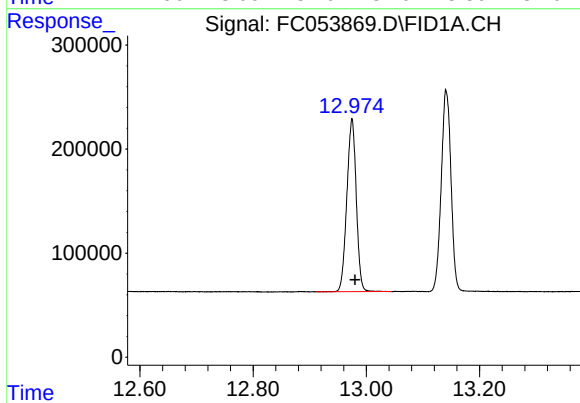
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.007 min
Response: 2379187
Conc: 17.97 ug/ml



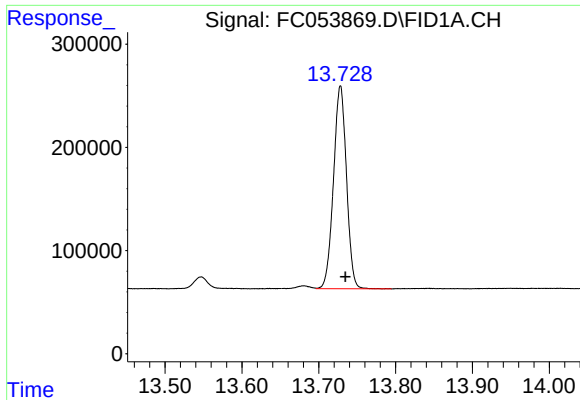
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.007 min
Response: 2321200
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.006 min
Response: 1922573
Conc: 17.24 ug/ml



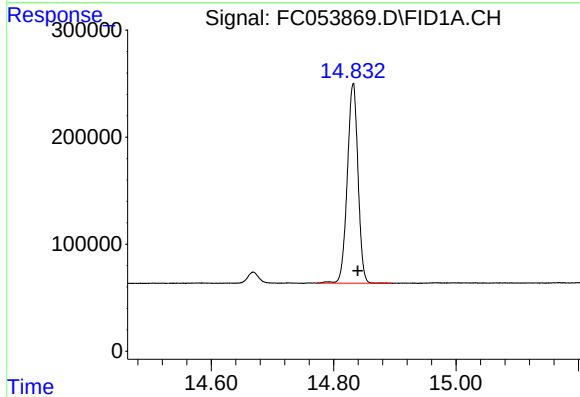
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.007 min
Response: 2305298
Conc: 17.33 ug/ml

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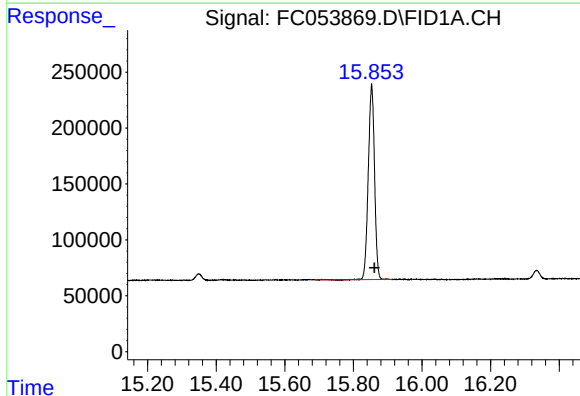
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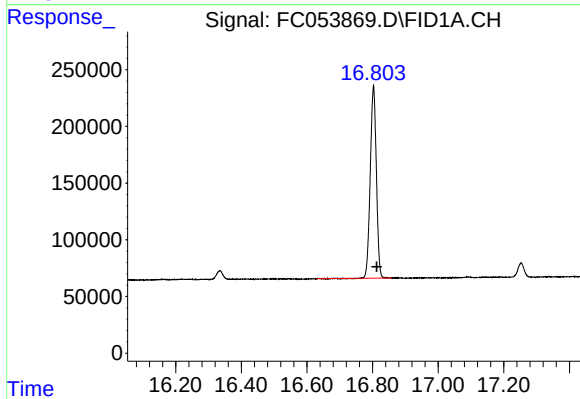
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.008 min
Response: 2264315
Conc: 16.96 ug/ml



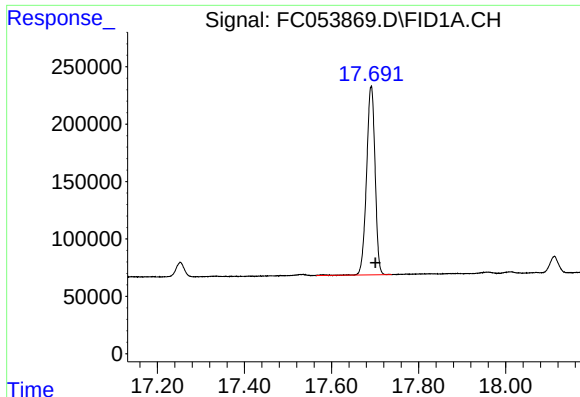
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.009 min
Response: 2206069
Conc: 16.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.010 min
Response: 2188137
Conc: 16.72 ug/ml



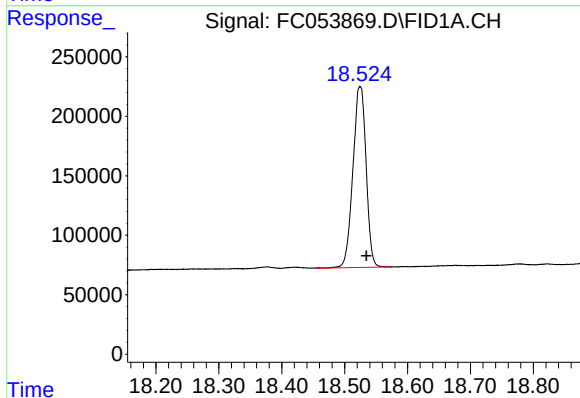
#17 n-Tricontane (C30)

R.T.: 17.691 min
Delta R.T.: -0.010 min
Response: 2230653
Conc: 17.10 ug/ml

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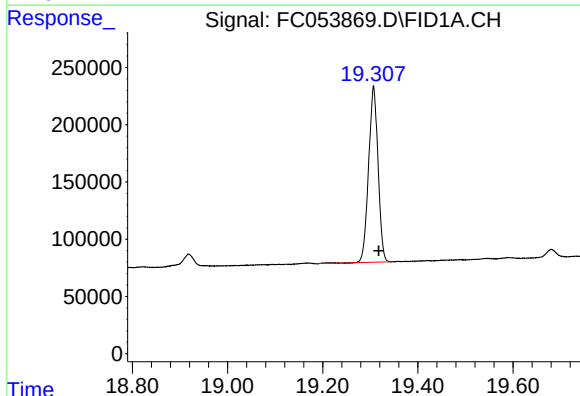
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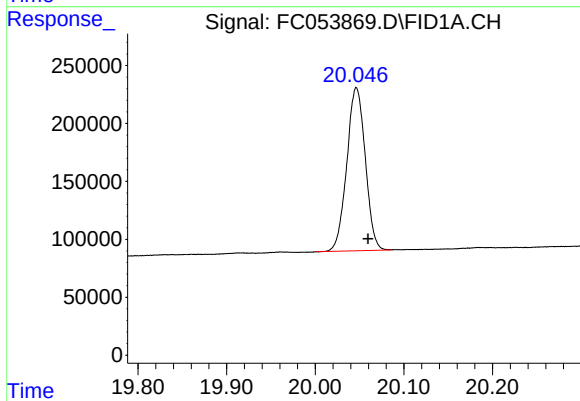
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.010 min
Response: 2212971
Conc: 17.54 ug/ml



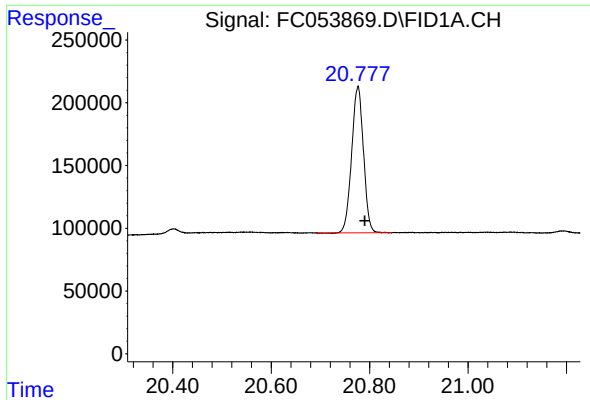
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.011 min
Response: 2133865
Conc: 17.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.014 min
Response: 2044893
Conc: 17.49 ug/ml m



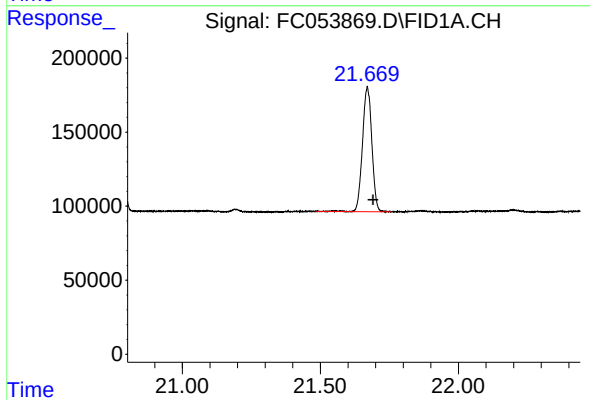
#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.014 min
Response: 1944049
Conc: 18.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.670 min
Delta R.T.: -0.020 min
Response: 1989199
Conc: 19.96 ug/ml