

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052121AL\
 Data File : FC053891.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2021 1:51
 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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 5/25/2021 3:38:00 PM

Integration File: autoint1.e
 Quant Time: May 22 04:43:10 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	2525982	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	12.971	1969469	17.658 ug/ml
Spiked Amount 50.000		Recovery =	35.32%
Target Compounds			
1) T n-Nonane (C9)	3.297	2469048	20.904 ug/ml
2) T n-Decane (C10)	4.361	2511791	21.212 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2728948	20.943 ug/ml
4) T n-Dodecane (C12)	6.377	2573992	21.272 ug/ml
5) T A~2-methylnaphthalene...	7.001	2767619	20.933 ug/ml
6) T n-Tetradecane (C14)	8.173	2564737	21.054 ug/ml
7) T n-Hexadecane (C16)	9.774	2480681	20.254 ug/ml
8) T n-Octadecane (C18)	11.217	2528946	19.419 ug/ml
10) T n-Eicosane (C20)	12.527	2450983	18.517 ug/ml
11) T n-Heneicosane (C21)	13.139	2390917	18.003 ug/ml
13) T n-Docosane (C22)	13.726	2366805	17.794 ug/ml
14) T n-Tetracosane (C24)	14.829	2334849	17.491 ug/ml
15) T n-Hexacosane (C26)	15.851	2250805	17.024 ug/ml
16) T n-Octacosane (C28)	16.800	2234267	17.068 ug/mlm
17) T n-Tricontane (C30)	17.689	2270199	17.405 ug/ml
18) T n-Dotriacontane (C32)	18.522	2253643	17.861 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2213605	18.168 ug/mlm
20) T n-Hexatriacontane (C36)	20.048	2127924	18.200 ug/mlm
21) T n-Octatriacontane (C38)	20.775	1992665	19.370 ug/mlm
22) T n-Tetracontane (C40)	21.666	1991918	19.990 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

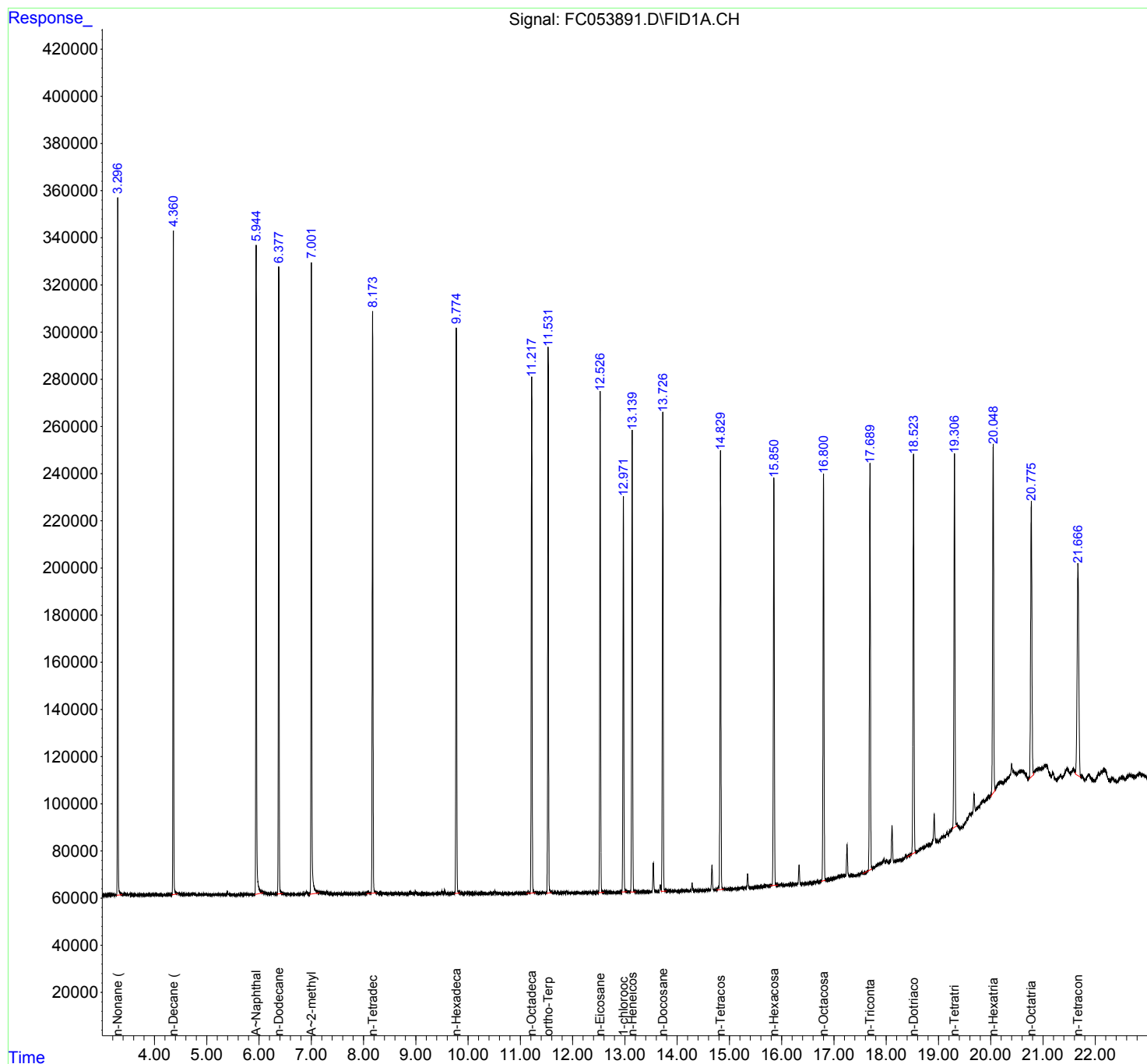
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

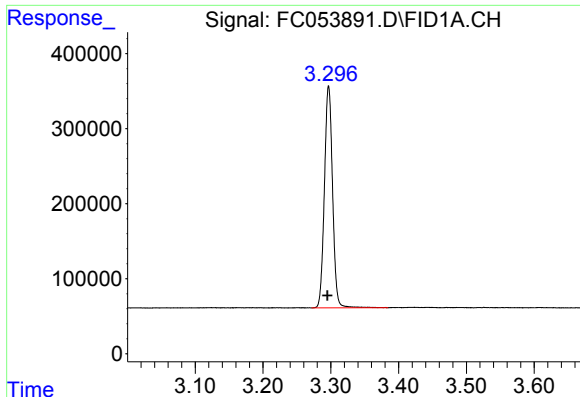
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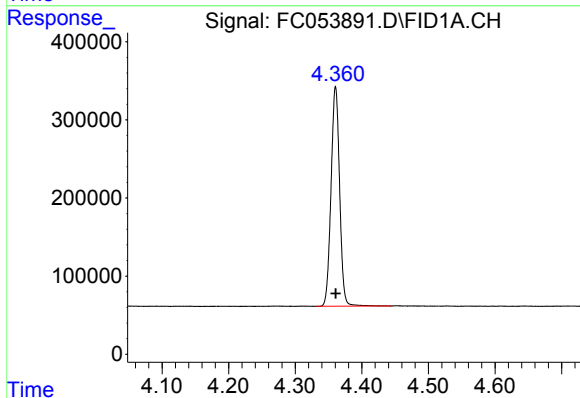
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: 0.002 min
Response: 2469048
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

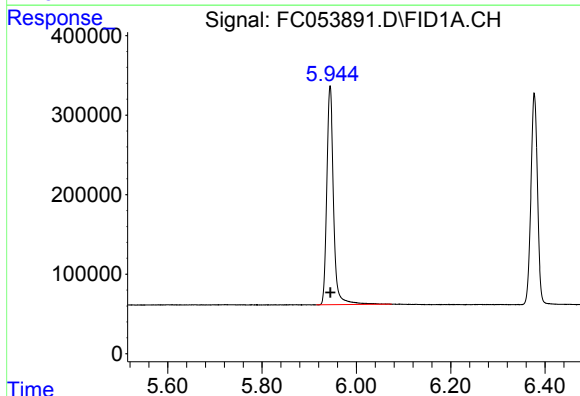
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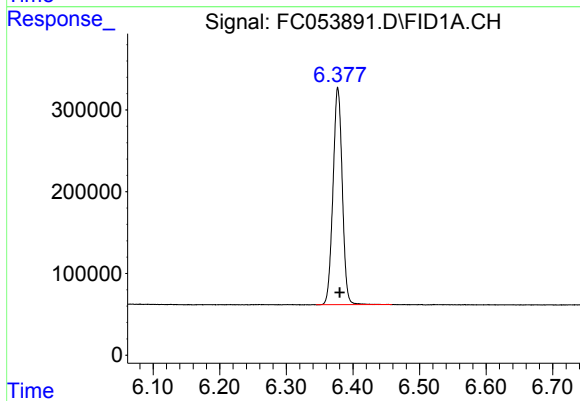
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2511791
Conc: 21.21 ug/ml



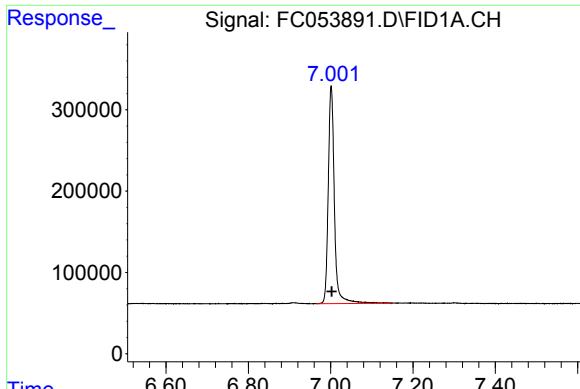
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 2728948
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 2573992
Conc: 21.27 ug/ml



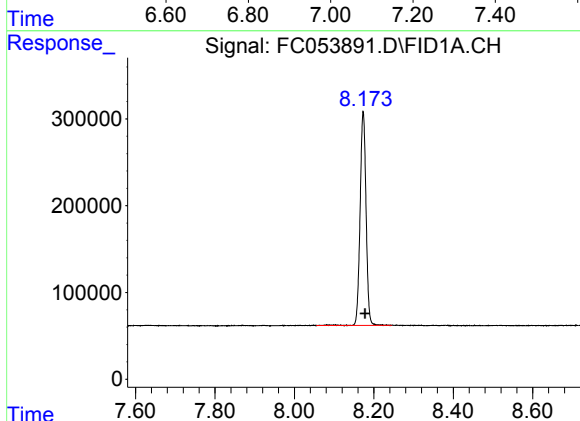
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.001 min
Response: 2767619
Conc: 20.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

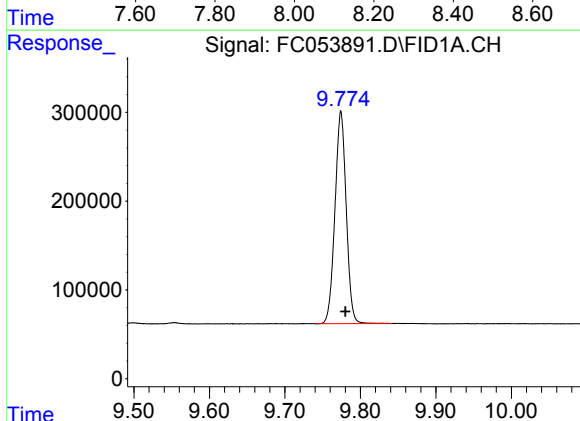
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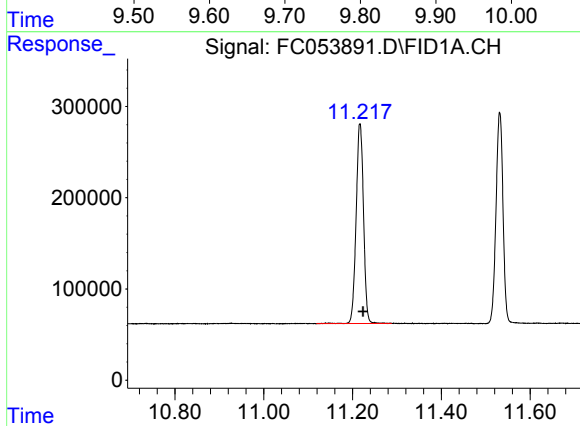
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.005 min
Response: 2564737
Conc: 21.05 ug/ml



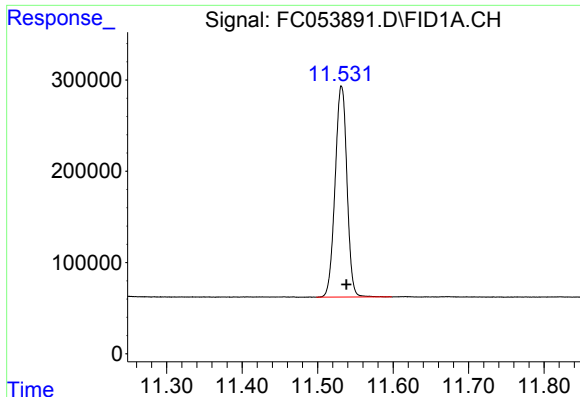
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.006 min
Response: 2480681
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2528946
Conc: 19.42 ug/ml



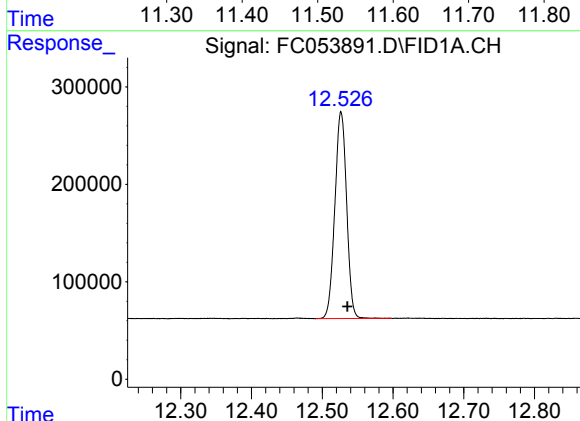
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.007 min
Response: 2525982
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

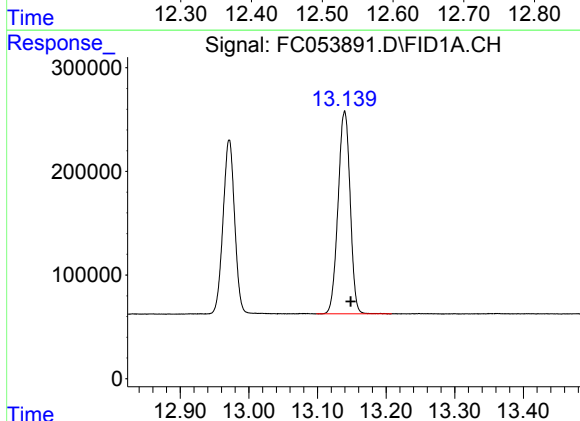
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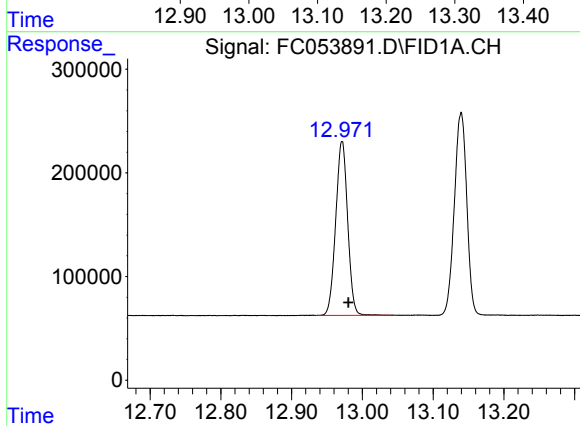
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.009 min
Response: 2450983
Conc: 18.52 ug/ml



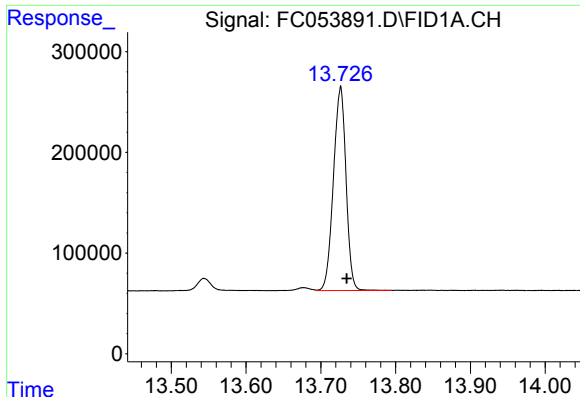
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.009 min
Response: 2390917
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.009 min
Response: 1969469
Conc: 17.66 ug/ml



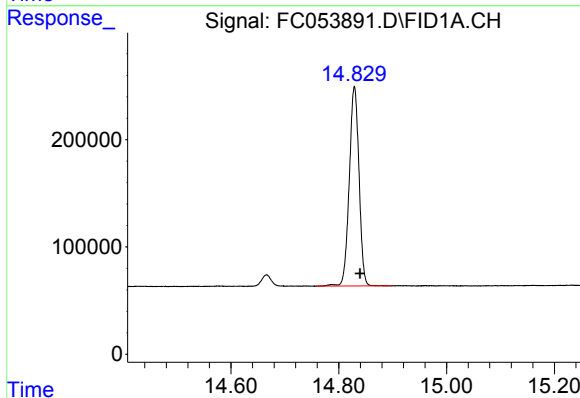
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2366805
Conc: 17.79 ug/ml

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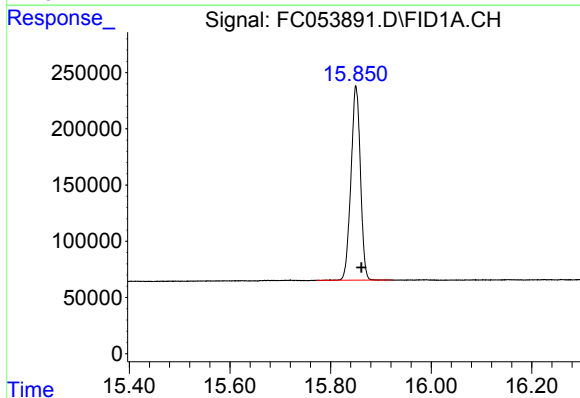
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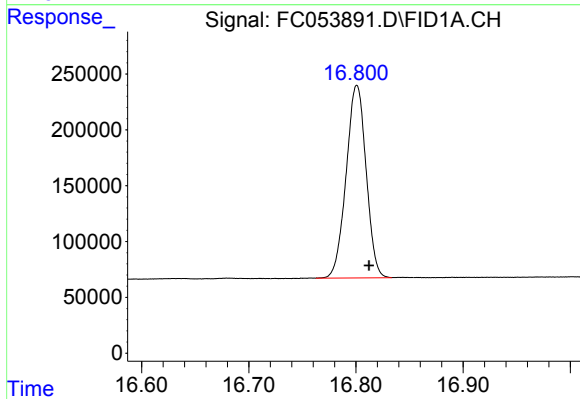
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.010 min
Response: 2334849
Conc: 17.49 ug/ml



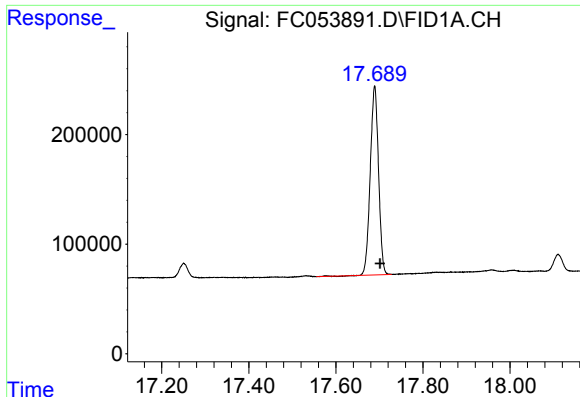
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 2250805
Conc: 17.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.012 min
Response: 2234267
Conc: 17.07 ug/ml m



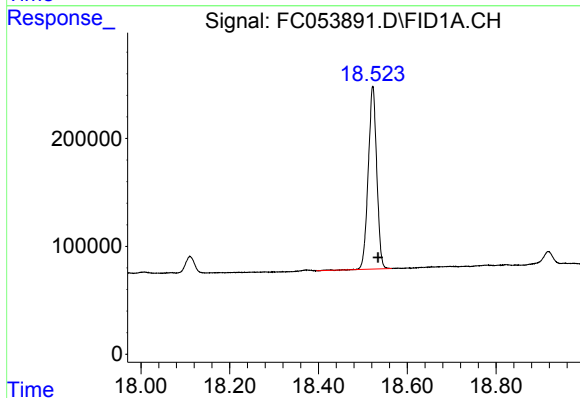
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.012 min
Response: 2270199
Conc: 17.41 ug/ml

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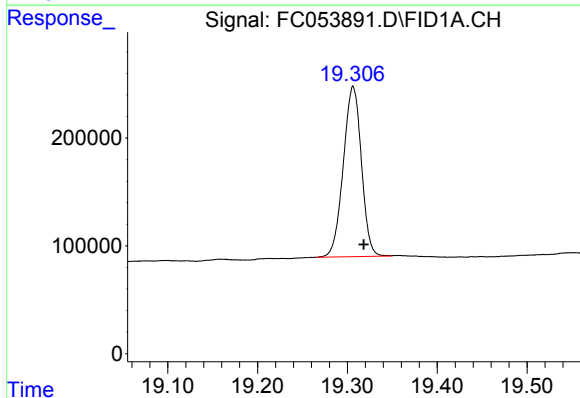
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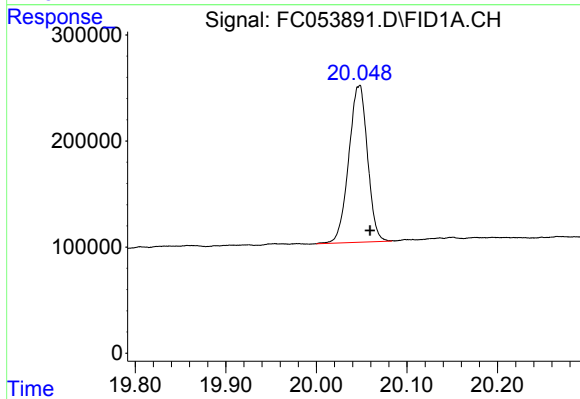
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.012 min
Response: 2253643
Conc: 17.86 ug/ml



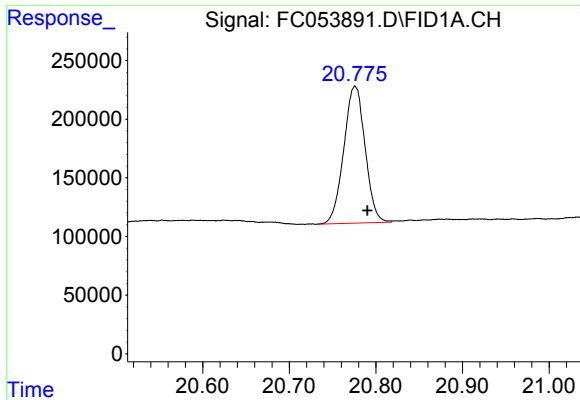
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.012 min
Response: 2213605
Conc: 18.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.011 min
Response: 2127924
Conc: 18.20 ug/ml m



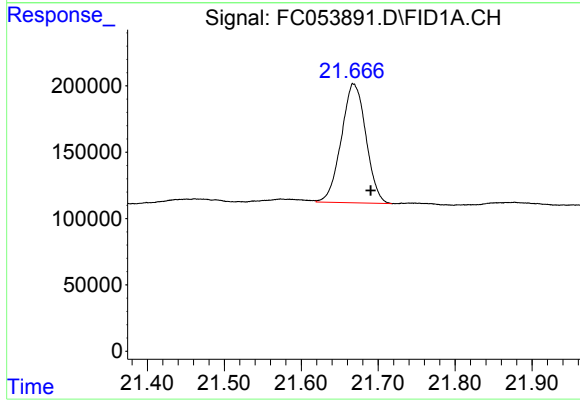
#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: -0.015 min
Response: 1992665
Conc: 19.37 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.024 min
Response: 1991918
Conc: 19.99 ug/ml m