

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052521AL\
 Data File : FC053911.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2021 9:22
 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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 5/26/2021 4:04:55 PM

Integration File: autoint1.e
 Quant Time: May 26 01:37:58 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)	11.523	2359907	17.045 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
12) S 1-chlorooctadecane (S...	12.964	1852328	16.608 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T n-Nonane (C9)	3.286	2329378	19.722 ug/ml
2) T n-Decane (C10)	4.350	2356722	19.902 ug/ml
3) T A~Naphthalene (C11.7)	5.934	2525120	19.379 ug/ml
4) T n-Dodecane (C12)	6.368	2403416	19.862 ug/ml
5) T A~2-methylnaphthalene...	6.991	2580349	19.517 ug/ml
6) T n-Tetradecane (C14)	8.164	2395239	19.663 ug/ml
7) T n-Hexadecane (C16)	9.766	2324078	18.976 ug/ml
8) T n-Octadecane (C18)	11.209	2359855	18.120 ug/ml
10) T n-Eicosane (C20)	12.520	2292450	17.320 ug/ml
11) T n-Heneicosane (C21)	13.131	2241153	16.875 ug/ml
13) T n-Docosane (C22)	13.718	2209766	16.613 ug/ml
14) T n-Tetracosane (C24)	14.823	2148188	16.093 ug/ml
15) T n-Hexacosane (C26)	15.845	2056138	15.552 ug/ml
16) T n-Octacosane (C28)	16.795	2018719	15.421 ug/mlm
17) T n-Tricontane (C30)	17.684	2013142	15.435 ug/ml
18) T n-Dotriacontane (C32)	18.517	1995019	15.811 ug/mlm
19) T n-Tetratriacontane (C34)	19.301	1969219	16.162 ug/mlm
20) T n-Hexatriacontane (C36)	20.041	1905347	16.296 ug/mlm
21) T n-Octatriacontane (C38)	20.769	1849413	17.978 ug/ml
22) T n-Tetracontane (C40)	21.663	1860172	18.668 ug/ml

(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

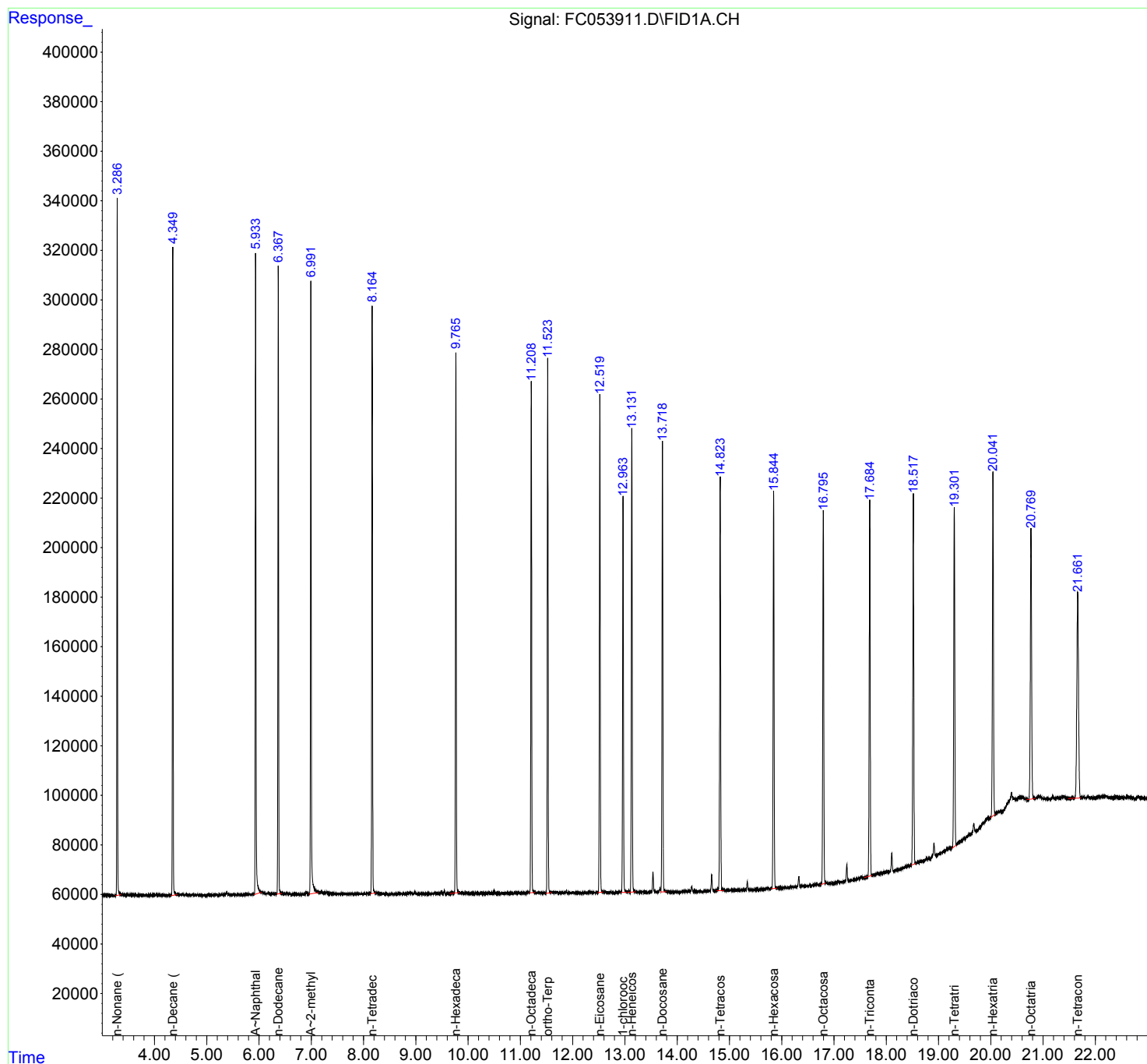
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

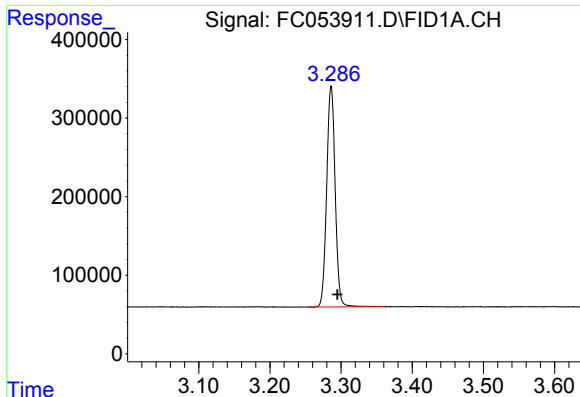
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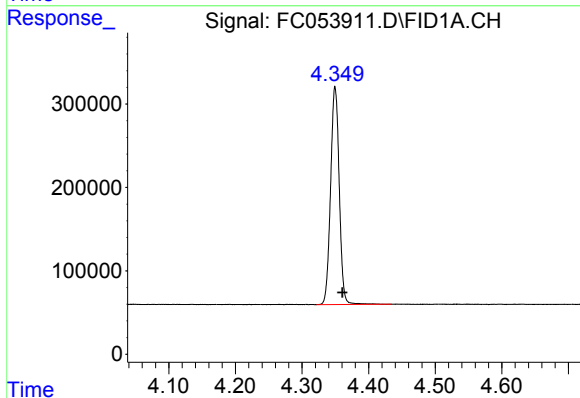
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 2329378
Conc: 19.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

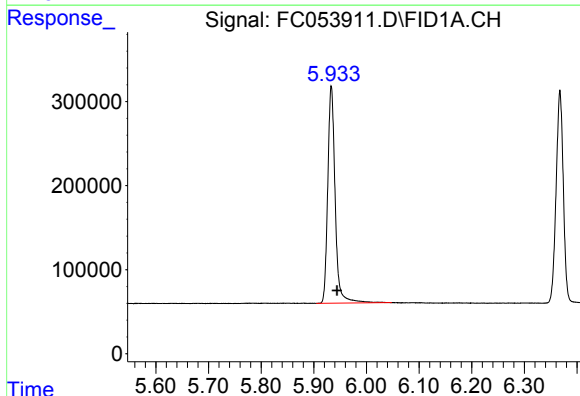
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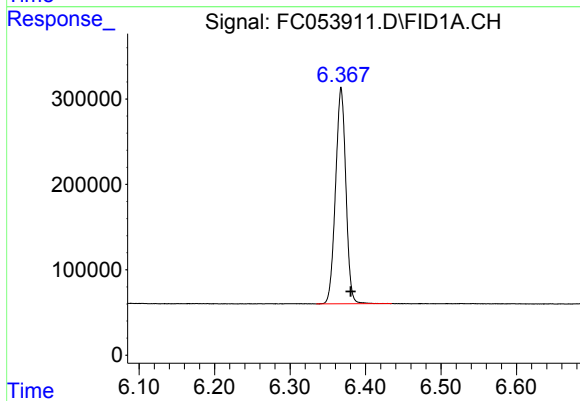
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.011 min
Response: 2356722
Conc: 19.90 ug/ml



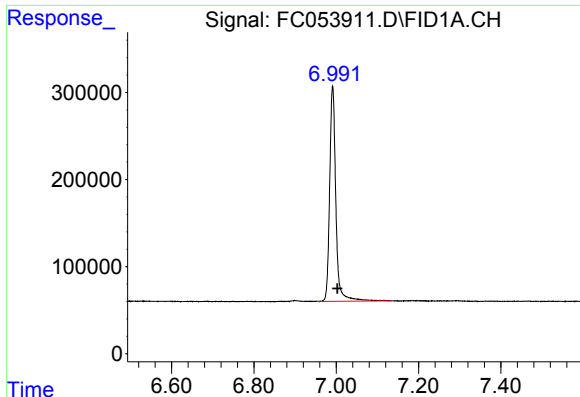
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 2525120
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.013 min
Response: 2403416
Conc: 19.86 ug/ml



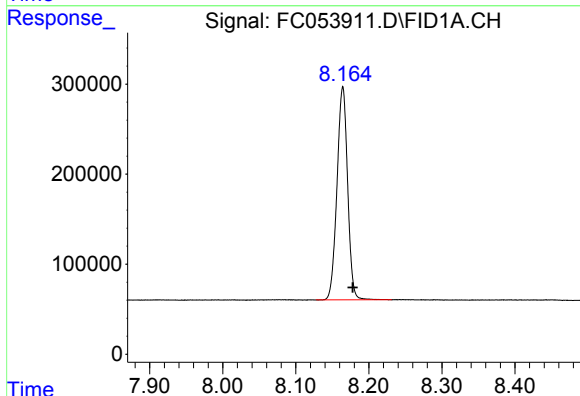
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.011 min
Response: 2580349
Conc: 19.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

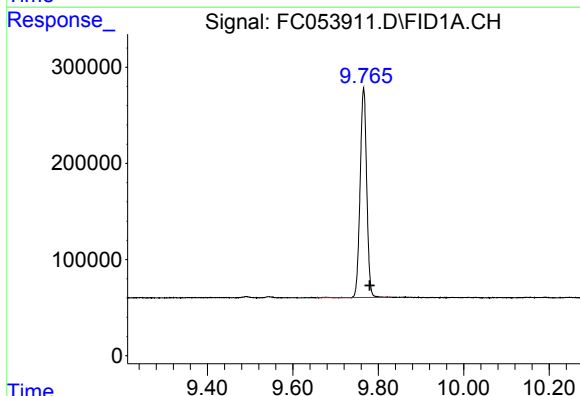
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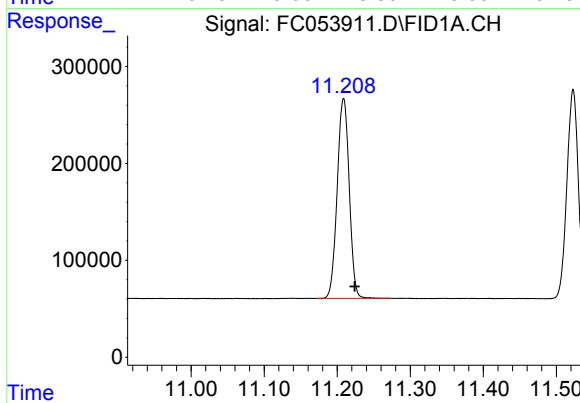
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 2395239
Conc: 19.66 ug/ml



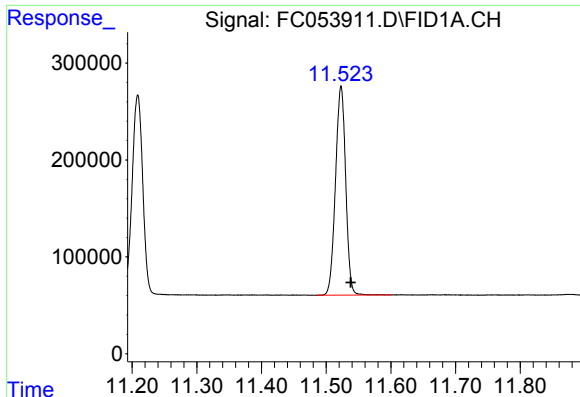
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.015 min
Response: 2324078
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.015 min
Response: 2359855
Conc: 18.12 ug/ml



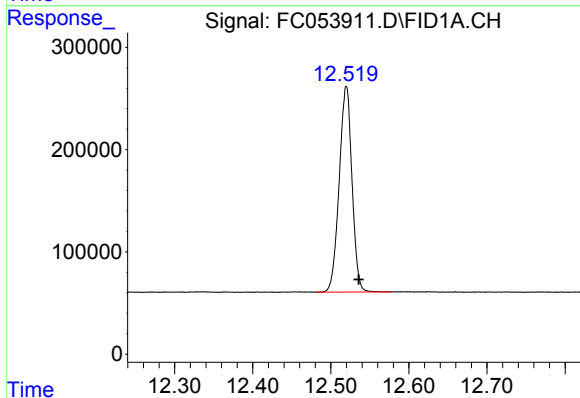
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.015 min
Response: 2359907
Conc: 17.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

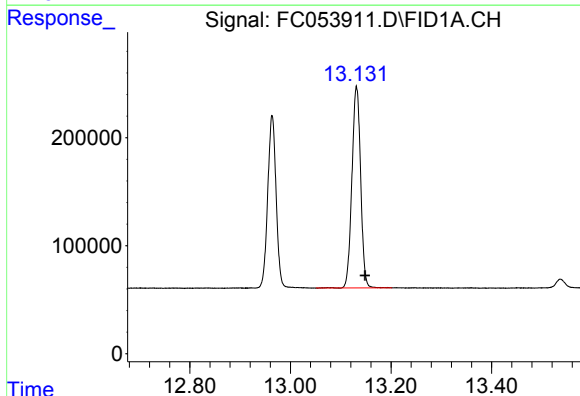
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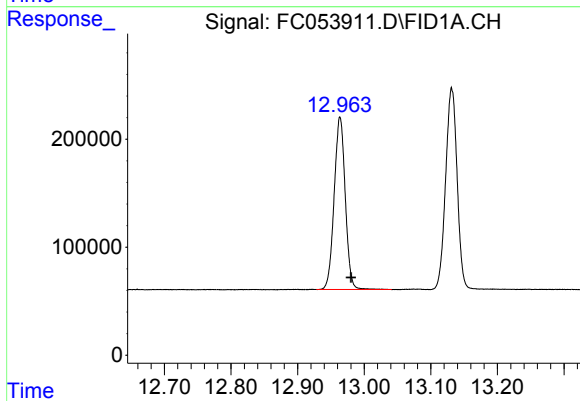
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.016 min
Response: 2292450
Conc: 17.32 ug/ml



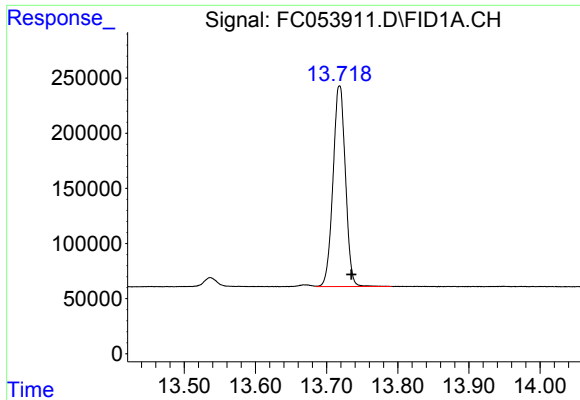
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.017 min
Response: 2241153
Conc: 16.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.017 min
Response: 1852328
Conc: 16.61 ug/ml



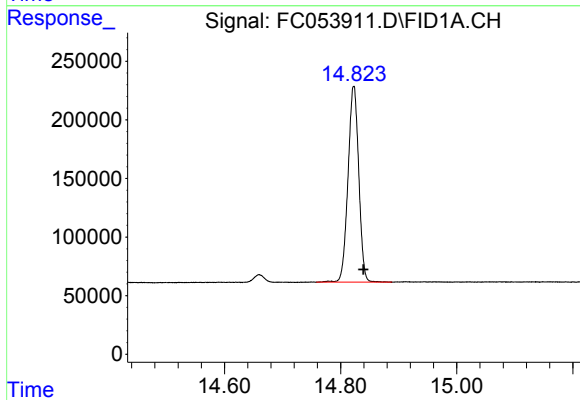
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.017 min
Response: 2209766
Conc: 16.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

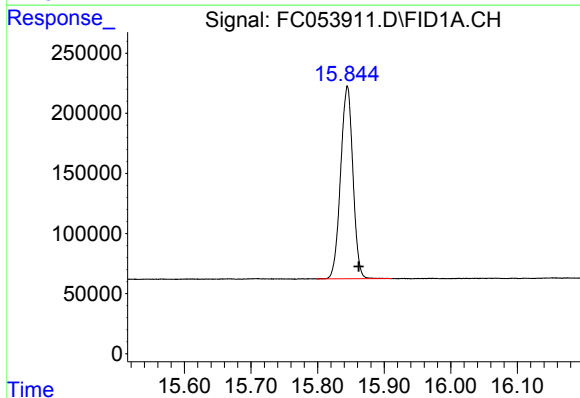
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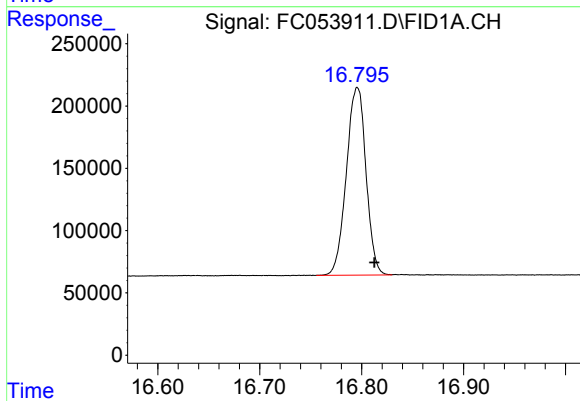
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.017 min
Response: 2148188
Conc: 16.09 ug/ml



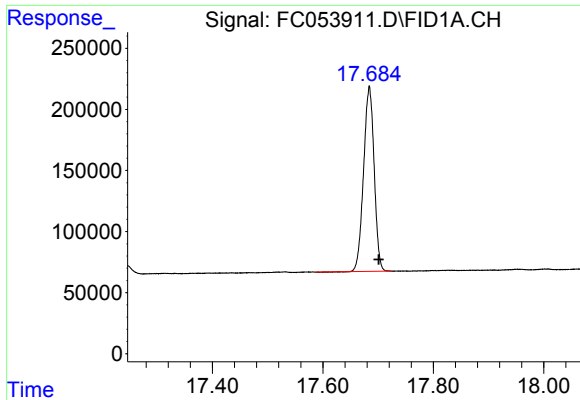
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.017 min
Response: 2056138
Conc: 15.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.795 min
Delta R.T.: -0.017 min
Response: 2018719
Conc: 15.42 ug/ml m



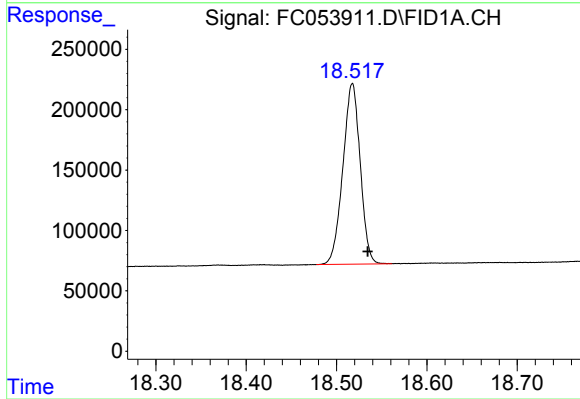
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.017 min
Response: 2013142
Conc: 15.43 ug/ml

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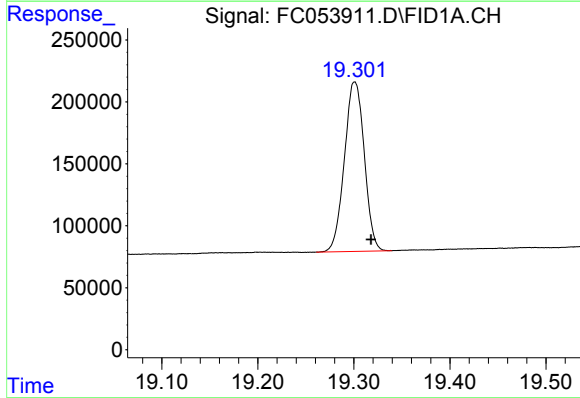
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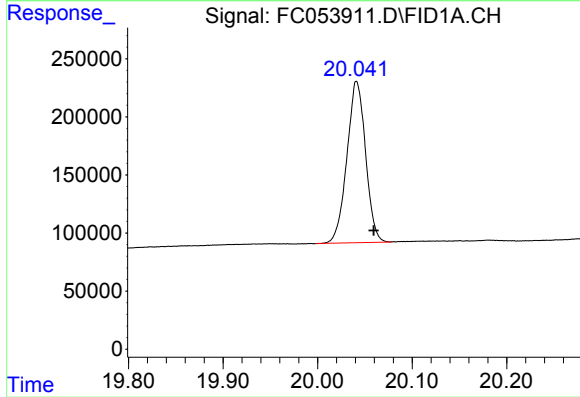
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.017 min
Response: 1995019
Conc: 15.81 ug/ml m



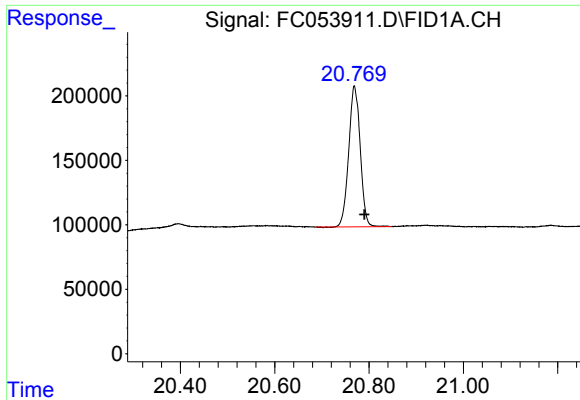
#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.017 min
Response: 1969219
Conc: 16.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.041 min
Delta R.T.: -0.018 min
Response: 1905347
Conc: 16.30 ug/ml m



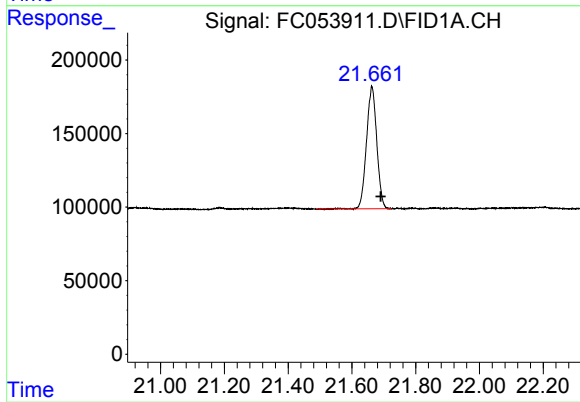
#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: -0.021 min
Response: 1849413
Conc: 17.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.027 min
Response: 1860172
Conc: 18.67 ug/ml