

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
 Data File : FC053842.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2021 10:26
 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 4:29:07 PM

Integration File: autoint1.e
 Quant Time: May 21 01:27:33 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)	11.527	2554861	18.453 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	12.967	1988339	17.827 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T n-Nonane (C9)	3.290	2413290	20.432 ug/ml
2) T n-Decane (C10)	4.355	2470025	20.859 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2711339	20.808 ug/ml
4) T n-Dodecane (C12)	6.372	2530608	20.913 ug/ml
5) T A~2-methylnaphthalene...	6.996	2740915	20.731 ug/ml
6) T n-Tetradecane (C14)	8.168	2521586	20.700 ug/ml
7) T n-Hexadecane (C16)	9.770	2461142	20.095 ug/ml
8) T n-Octadecane (C18)	11.213	2526460	19.399 ug/ml
10) T n-Eicosane (C20)	12.522	2463153	18.609 ug/ml
11) T n-Heneicosane (C21)	13.134	2399965	18.071 ug/ml
13) T n-Docosane (C22)	13.722	2375095	17.856 ug/ml
14) T n-Tetracosane (C24)	14.825	2330914	17.462 ug/ml
15) T n-Hexacosane (C26)	15.847	2242043	16.958 ug/ml
16) T n-Octacosane (C28)	16.798	2207083	16.860 ug/mlm
17) T n-Tricontane (C30)	17.685	2225640	17.064 ug/ml
18) T n-Dotriacontane (C32)	18.518	2197514	17.416 ug/mlm
19) T n-Tetratriacontane (C34)	19.302	2134907	17.522 ug/mlm
20) T n-Hexatriacontane (C36)	20.043	2047238	17.510 ug/mlm
21) T n-Octatriacontane (C38)	20.772	1950077	18.956 ug/ml
22) T n-Tetracontane (C40)	21.664	1979439	19.865 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

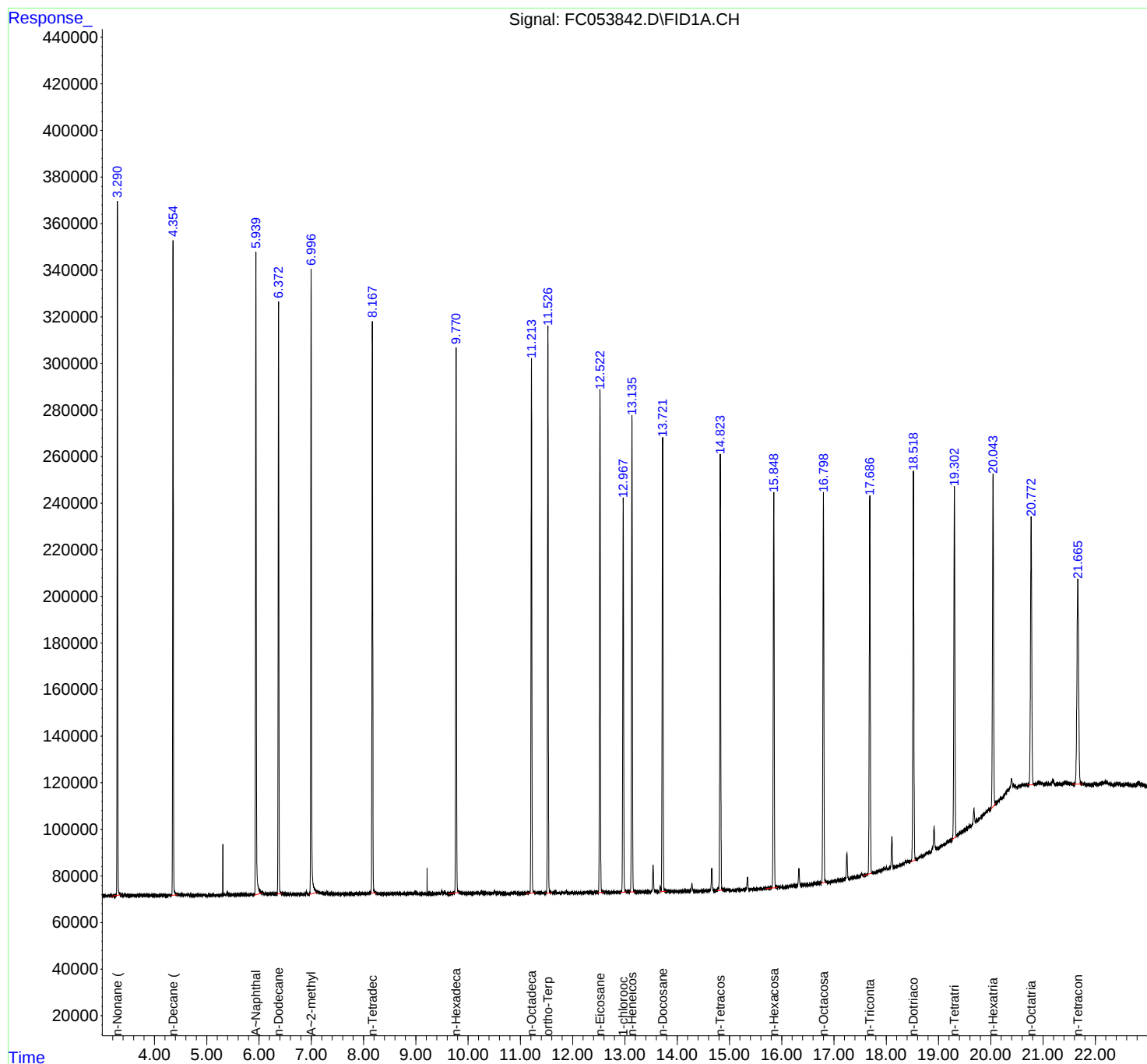
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

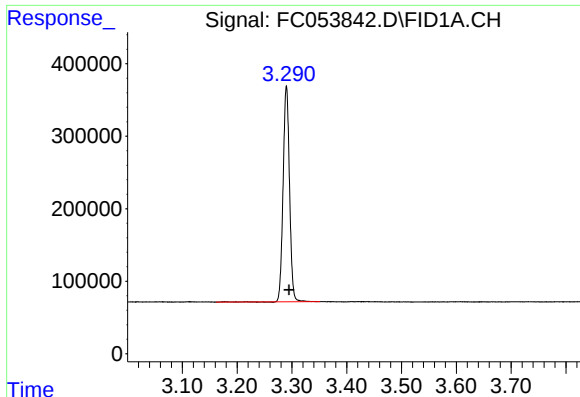
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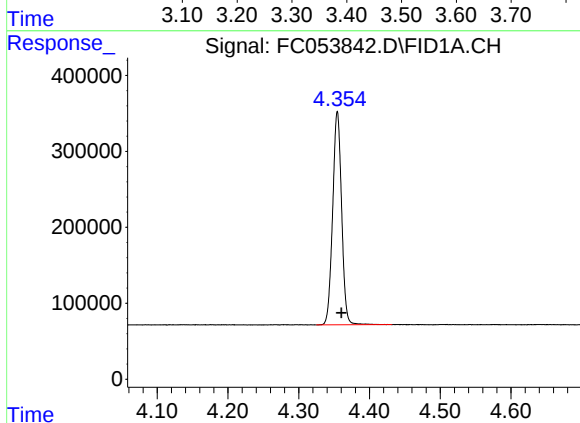
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2413290
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

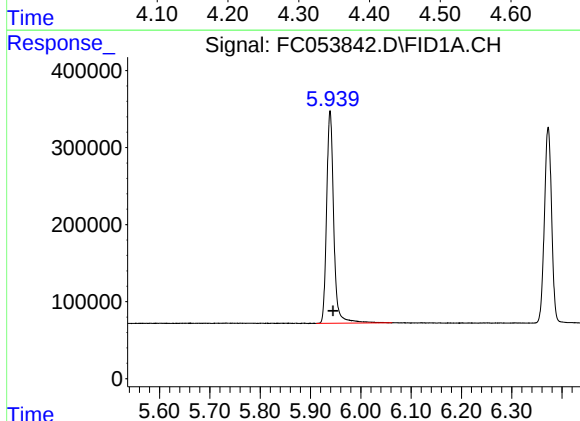
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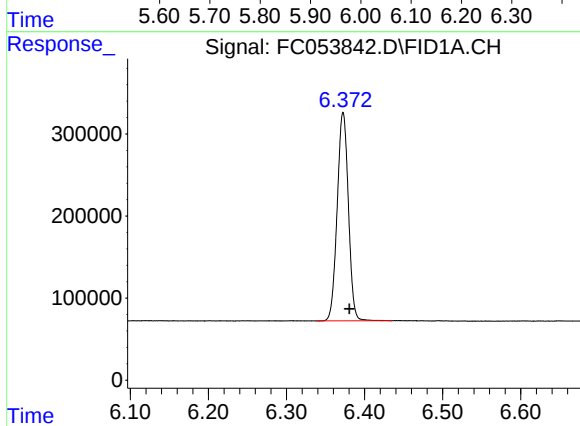
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2470025
Conc: 20.86 ug/ml



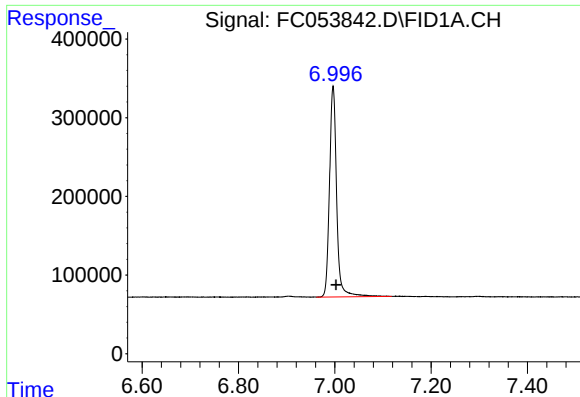
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2711339
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 2530608
Conc: 20.91 ug/ml



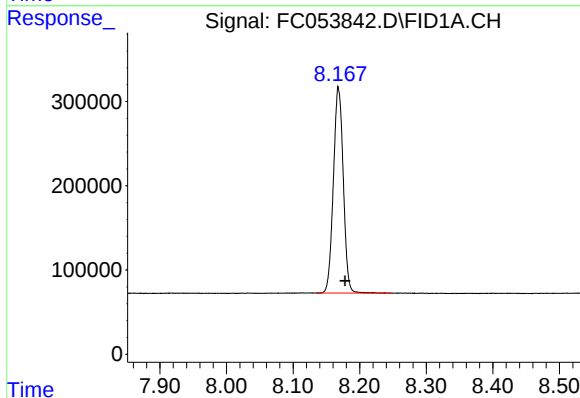
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: -0.006 min
Response: 2740915
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

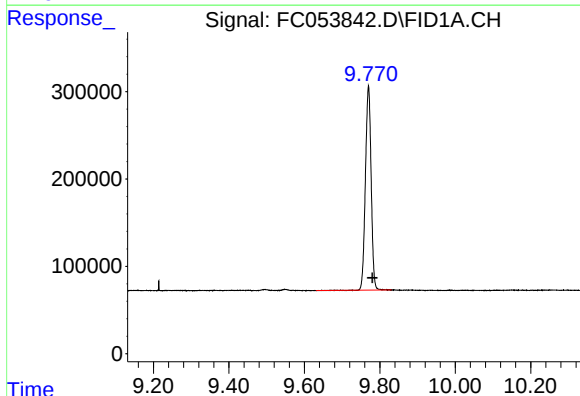
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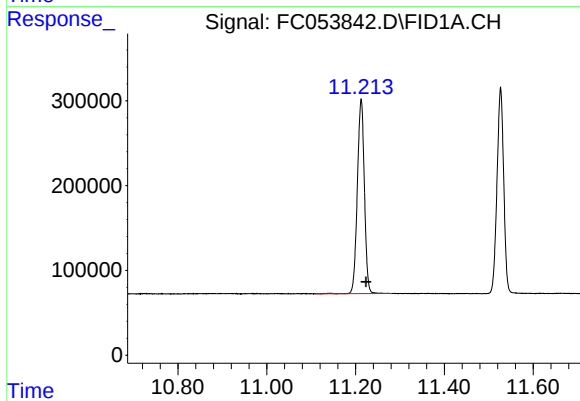
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.009 min
Response: 2521586
Conc: 20.70 ug/ml



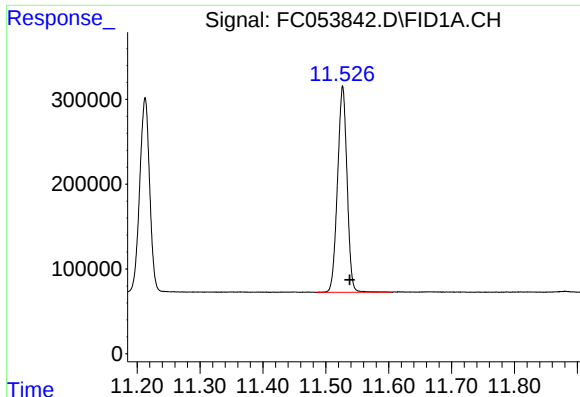
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.010 min
Response: 2461142
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.012 min
Response: 2526460
Conc: 19.40 ug/ml



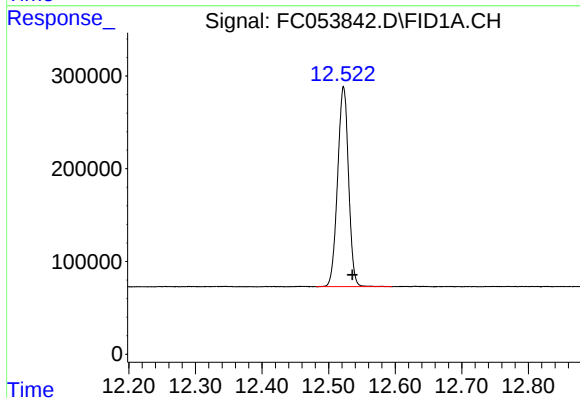
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.011 min
Response: 2554861
Conc: 18.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

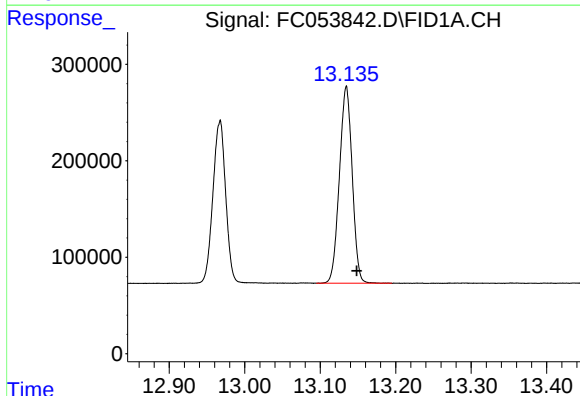
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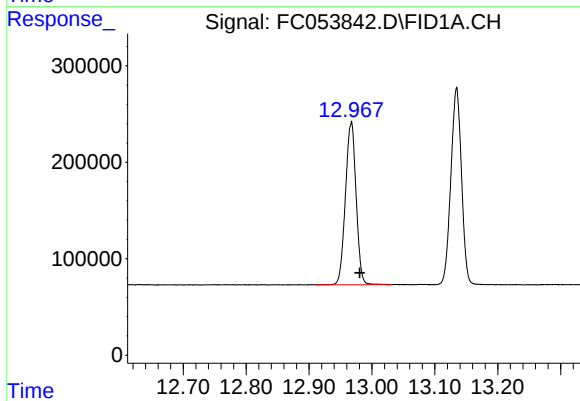
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.013 min
Response: 2463153
Conc: 18.61 ug/ml



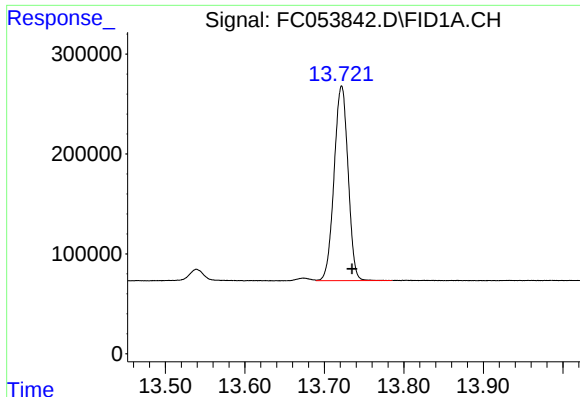
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.014 min
Response: 2399965
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.013 min
Response: 1988339
Conc: 17.83 ug/ml



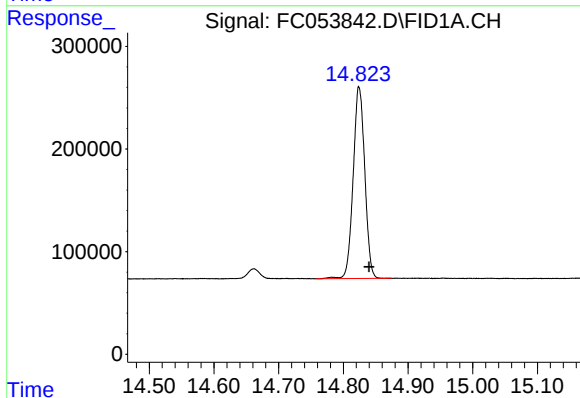
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 2375095
Conc: 17.86 ug/ml

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20 PPM ALIPHATIC HC STD

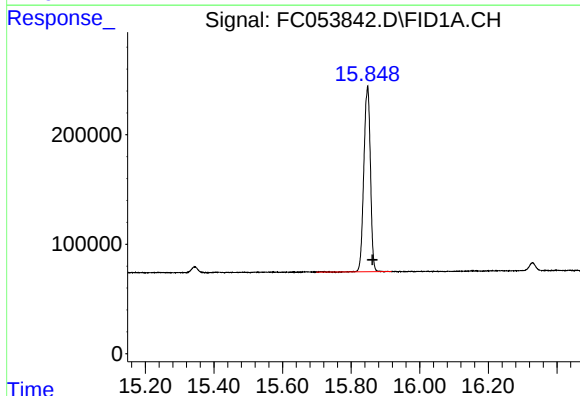
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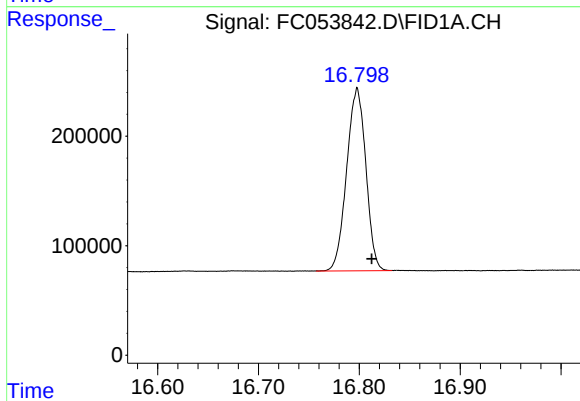
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.015 min
Response: 2330914
Conc: 17.46 ug/ml



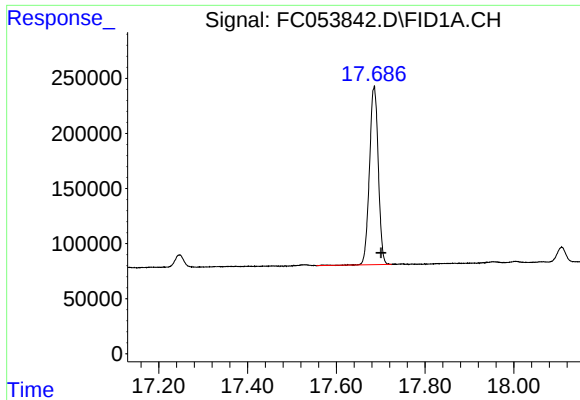
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.014 min
Response: 2242043
Conc: 16.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.015 min
Response: 2207083
Conc: 16.86 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.685 min

Delta R.T.: -0.016 min

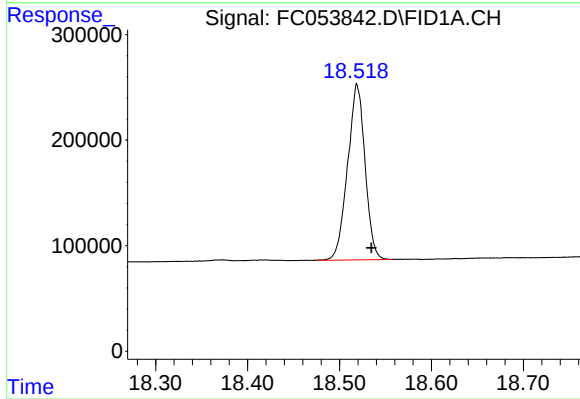
Response: 2225640

Conc: 17.06 ug/ml

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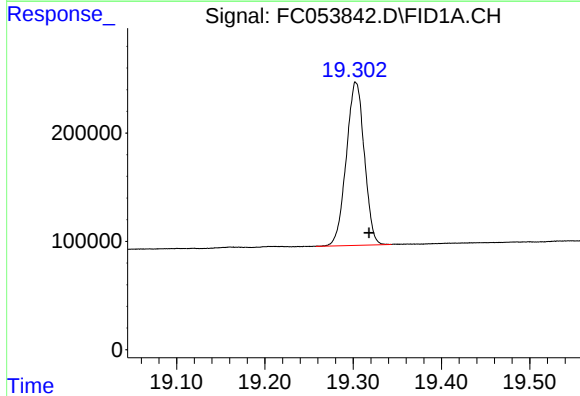
#18 n-Dotriacontane (C32)

R.T.: 18.518 min

Delta R.T.: -0.016 min

Response: 2197514

Conc: 17.42 ug/ml m



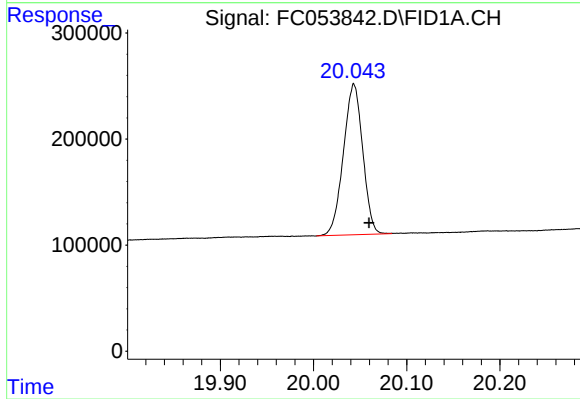
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min

Delta R.T.: -0.016 min

Response: 2134907

Conc: 17.52 ug/ml m



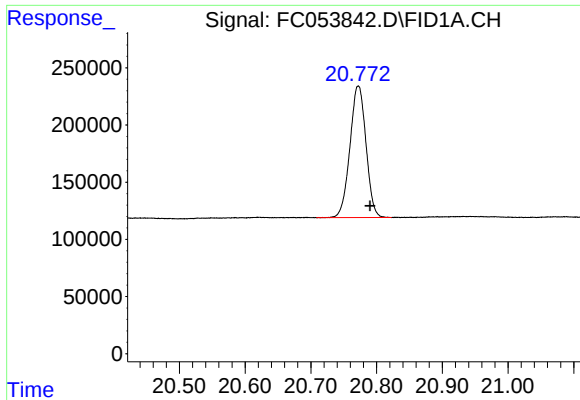
#20 n-Hexatriacontane (C36)

R.T.: 20.043 min

Delta R.T.: -0.017 min

Response: 2047238

Conc: 17.51 ug/ml m



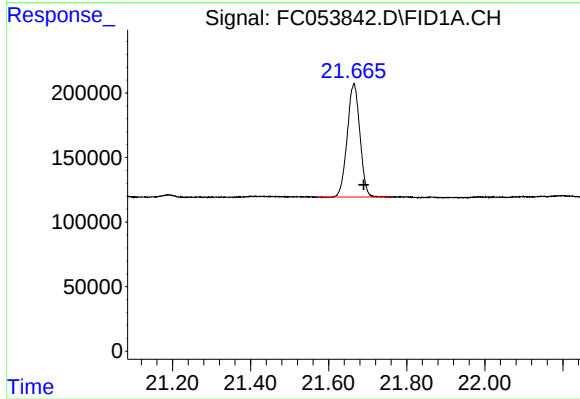
#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.018 min
Response: 1950077
Conc: 18.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.026 min
Response: 1979439
Conc: 19.86 ug/ml