

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090320AL\
 Data File : FC049438.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2020 11:33
 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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 9/4/2020 2:39:10 PM

Integration File: autoint1.e
 Quant Time: Sep 04 12:34:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.672	2497571	21.021 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
12) S 1-chlorooctadecane (S...	13.106	2023430	20.800 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T n-Nonane (C9)	3.403	2162569	20.734 ug/ml
2) T n-Decane (C10)	4.479	2255926	21.508 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2578868	21.806 ug/ml
4) T n-Dodecane (C12)	6.504	2331787	21.984 ug/ml
5) T A~2-methylnaphthalene...	7.136	2656942	22.036 ug/ml
6) T n-Tetradecane (C14)	8.302	2345705	22.275 ug/ml
7) T n-Hexadecane (C16)	9.905	2333626	22.233 ug/ml
8) T n-Octadecane (C18)	11.348	2426611	22.088 ug/ml
10) T n-Eicosane (C20)	12.659	2391669	21.492 ug/ml
11) T n-Heneicosane (C21)	13.271	2357396	21.103 ug/ml
13) T n-Docosane (C22)	13.858	2327138	20.704 ug/ml
14) T n-Tetracosane (C24)	14.960	2258472	19.866 ug/ml
15) T n-Hexacosane (C26)	15.980	2168167	18.949 ug/ml
16) T n-Octacosane (C28)	16.929	2138544	18.382 ug/ml
17) T n-Tricontane (C30)	17.814	2132784	18.450 ug/ml
18) T n-Dotriacontane (C32)	18.646	2002588	18.521 ug/mlm
19) T n-Tetratriacontane (C34)	19.428	1901006	18.329 ug/mlm
20) T n-Hexatriacontane (C36)	20.166	1814313	18.247 ug/mlm
21) T n-Octatriacontane (C38)	20.919	1797378	19.008 ug/mlm
22) T n-Tetracontane (C40)	21.868	1780806	18.654 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

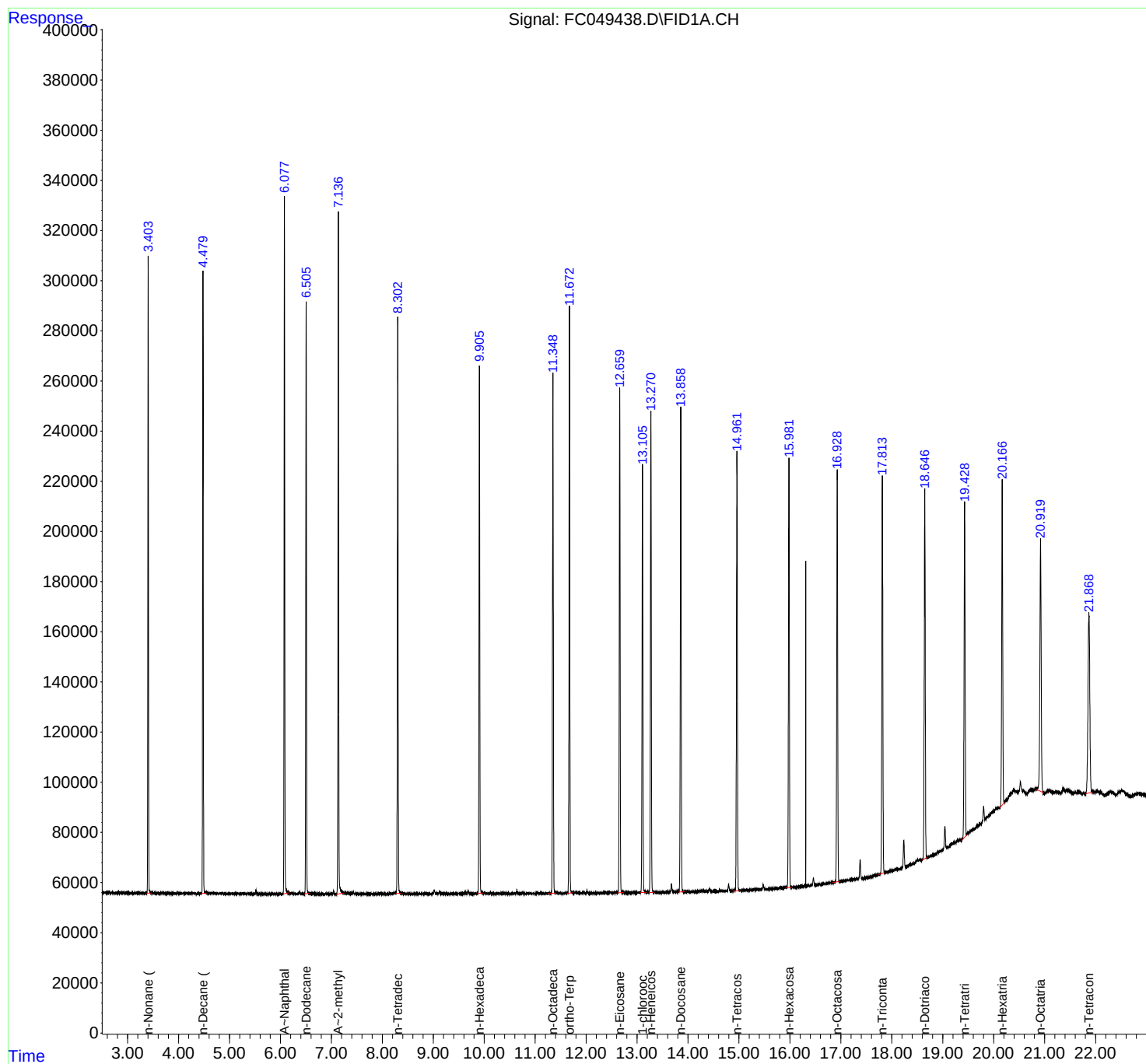
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

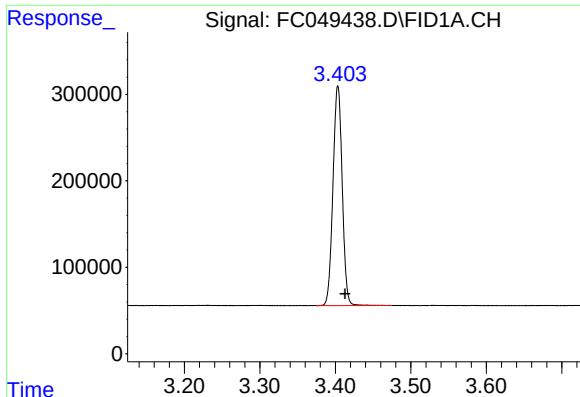
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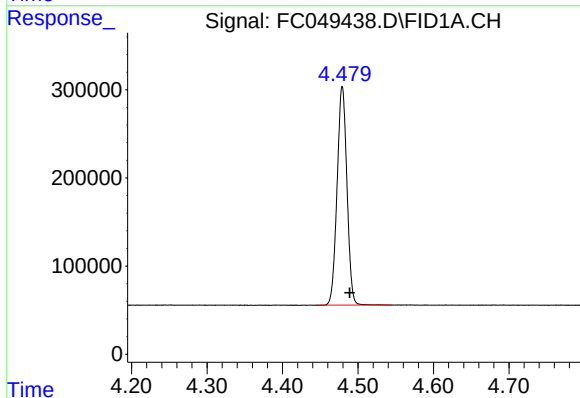
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.010 min
Response: 2162569
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

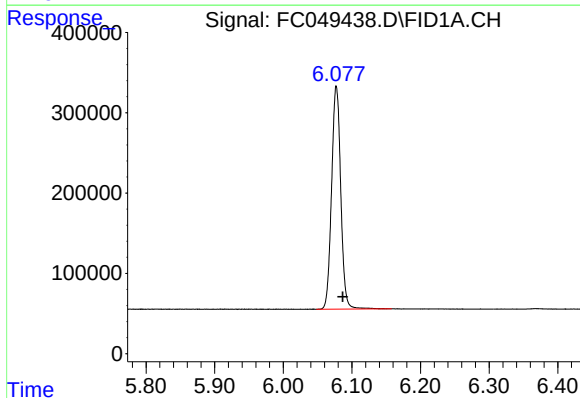
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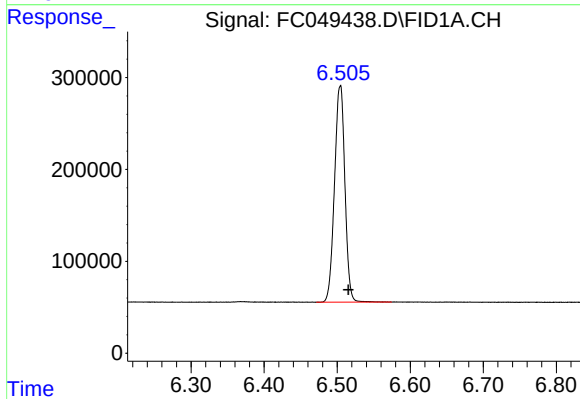
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.010 min
Response: 2255926
Conc: 21.51 ug/ml



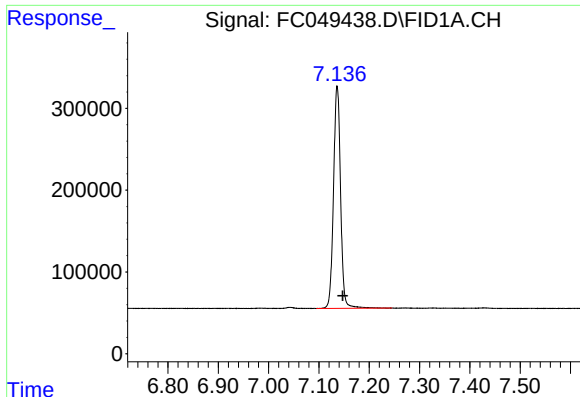
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.009 min
Response: 2578868
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.011 min
Response: 2331787
Conc: 21.98 ug/ml



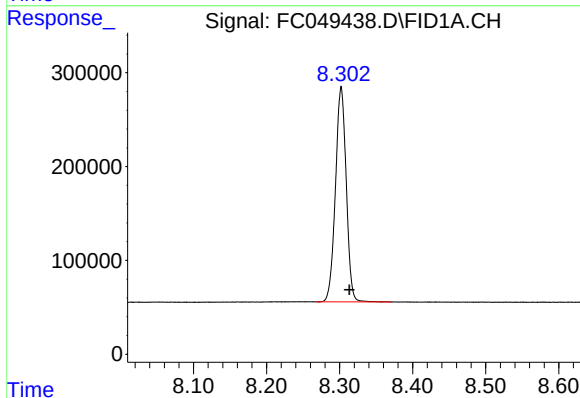
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.011 min
Response: 2656942
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

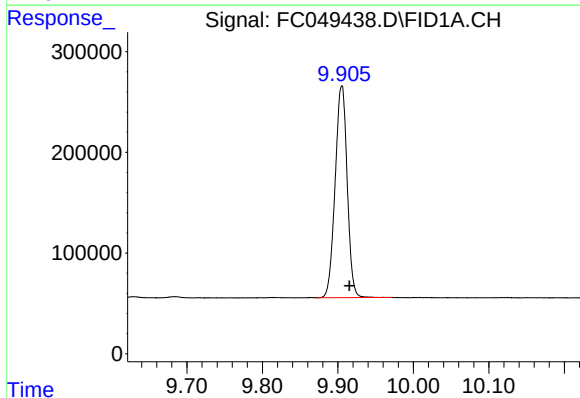
Manual Integrations
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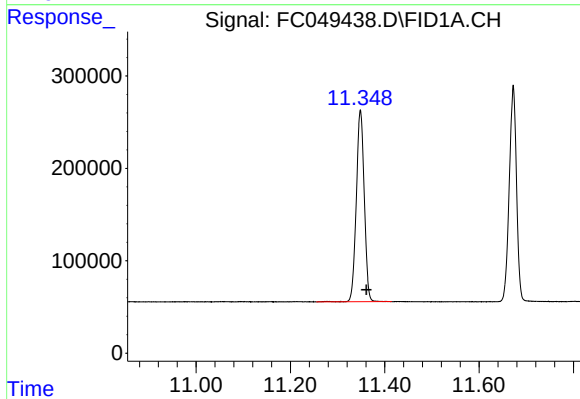
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.011 min
Response: 2345705
Conc: 22.27 ug/ml



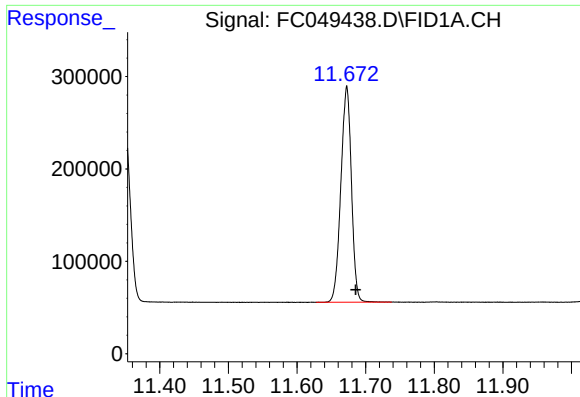
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.010 min
Response: 2333626
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.013 min
Response: 2426611
Conc: 22.09 ug/ml



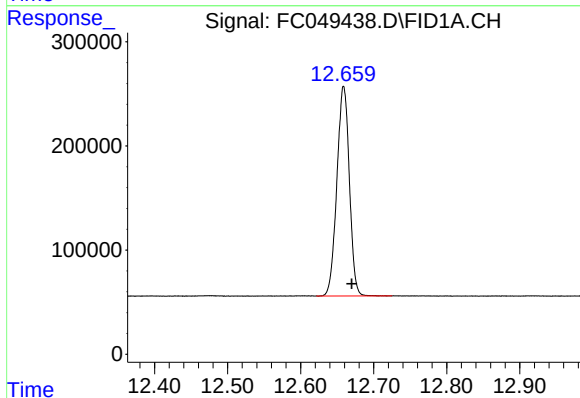
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: -0.013 min
Response: 2497571
Conc: 21.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

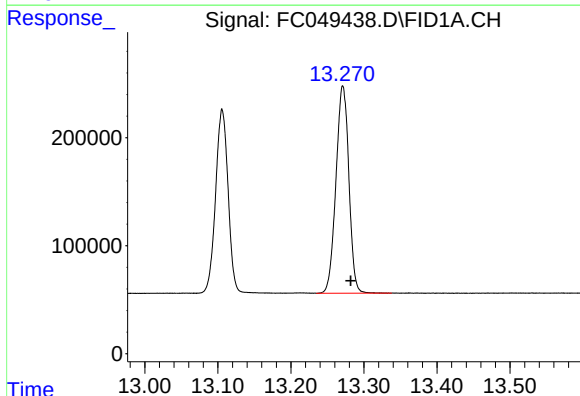
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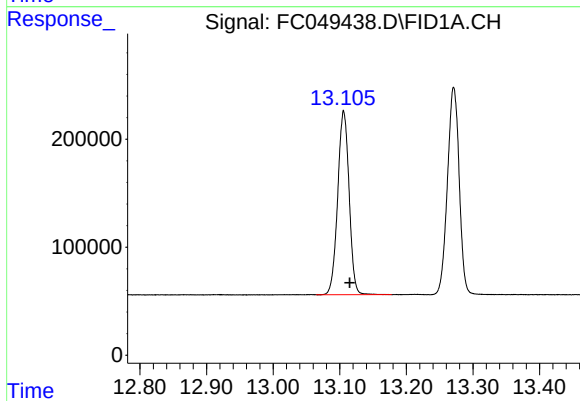
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: -0.011 min
Response: 2391669
Conc: 21.49 ug/ml



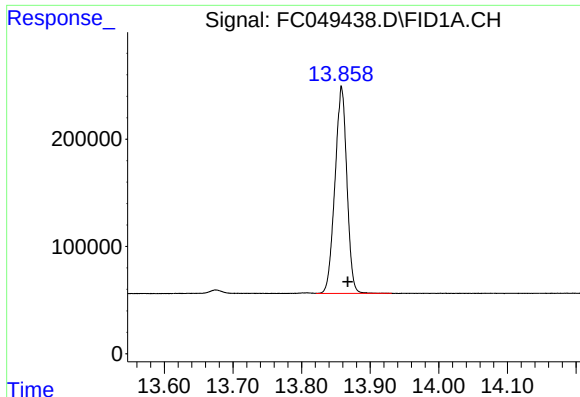
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.011 min
Response: 2357396
Conc: 21.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.009 min
Response: 2023430
Conc: 20.80 ug/ml



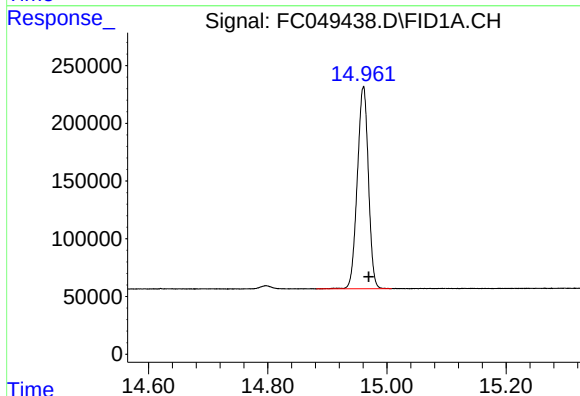
#13 n-Docosane (C22)

R.T.: 13.858 min
Delta R.T.: -0.009 min
Response: 2327138
Conc: 20.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

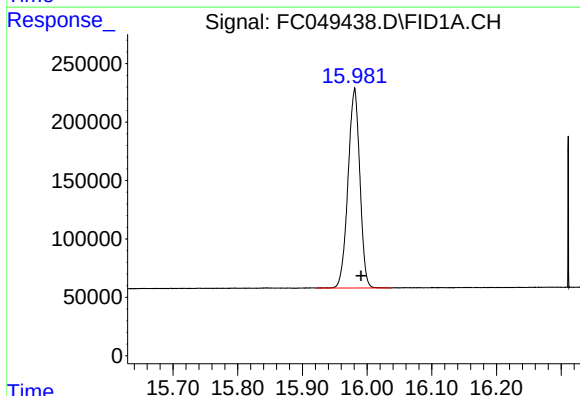
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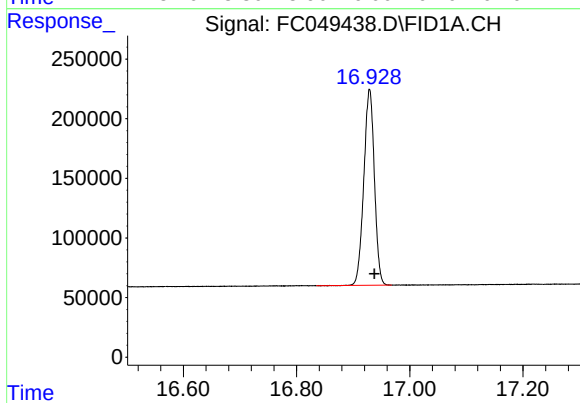
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: -0.009 min
Response: 2258472
Conc: 19.87 ug/ml



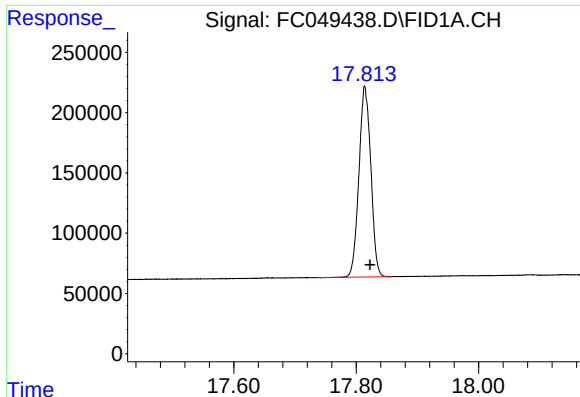
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.010 min
Response: 2168167
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.009 min
Response: 2138544
Conc: 18.38 ug/ml



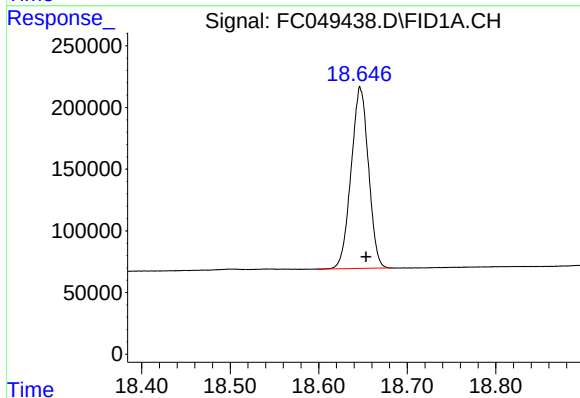
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: -0.008 min
Response: 2132784
Conc: 18.45 ug/ml

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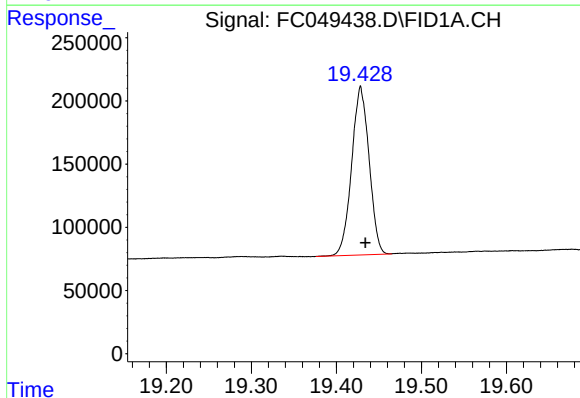
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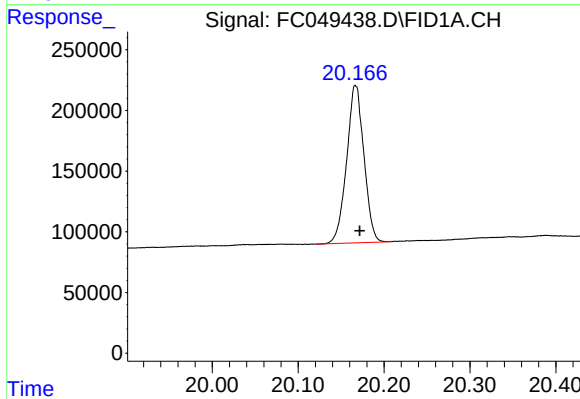
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.007 min
Response: 2002588
Conc: 18.52 ug/ml m



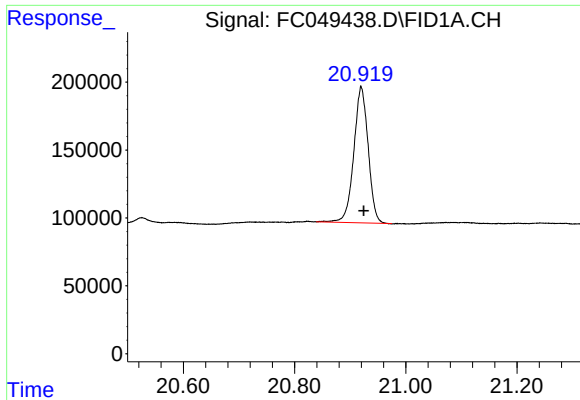
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: -0.006 min
Response: 1901006
Conc: 18.33 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.166 min
Delta R.T.: -0.006 min
Response: 1814313
Conc: 18.25 ug/ml m



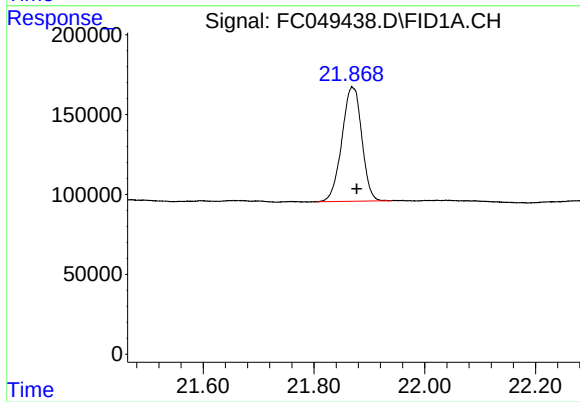
#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: -0.005 min
Response: 1797378
Conc: 19.01 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: -0.009 min
Response: 1780806
Conc: 18.65 ug/ml m