

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067301.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 16:36
 Operator : YP/AJ
 Sample : PB163740BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163740BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/30/2024

Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e

Quant Time: Sep 28 01:57:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 2024

Response via : Initial Calibration

Integrator: ChemStation

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)	11.502	5527050	39.693 ug/ml
Spiked Amount 50.000		Recovery =	79.39%
12) S 1-chlorooctadecane (S...	12.939	4199844	42.993 ug/ml
Spiked Amount 50.000		Recovery =	85.99%
Target Compounds			
1) T n-Nonane (C9)	3.287	6391784	48.187 ug/ml
2) T n-Decane (C10)	4.346	6913882	51.478 ug/ml
3) T A~Naphthalene (C11.7)	5.919	7320866	51.510 ug/ml
4) T n-Dodecane (C12)	6.357	6936190	51.818 ug/ml
5) T A~2-methylnaphthalene...	6.975	6575424	49.241 ug/ml
6) T n-Tetradecane (C14)	8.152	7117110	55.225 ug/ml
7) T n-Hexadecane (C16)	9.750	6970724	54.068 ug/ml
8) T n-Octadecane (C18)	11.190	6835399	53.426 ug/ml
10) T n-Eicosane (C20)	12.499	6725577	55.993 ug/ml
11) T n-Heneicosane (C21)	13.109	6403096	54.824 ug/ml
13) T n-Docosane (C22)	13.695	6266326	54.273 ug/ml
14) T n-Tetracosane (C24)	14.795	12199277	107.424 ug/mlm
15) T n-Hexacosane (C26)	15.817	6048433	54.575 ug/ml
16) T n-Octacosane (C28)	16.764	5944795	55.035 ug/mlm
17) T n-Tricontane (C30)	17.653	5985928	55.031 ug/ml
18) T n-Dotriacontane (C32)	18.485	5889898	56.468 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	5720632	62.007 ug/ml
20) T n-Hexatriacontane (C36)	20.005	5290659	66.761 ug/ml
21) T n-Octatriacontane (C38)	20.728	5020600	66.838 ug/ml
22) T n-Tetracontane (C40)	21.615	4424190	63.325 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB163740BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

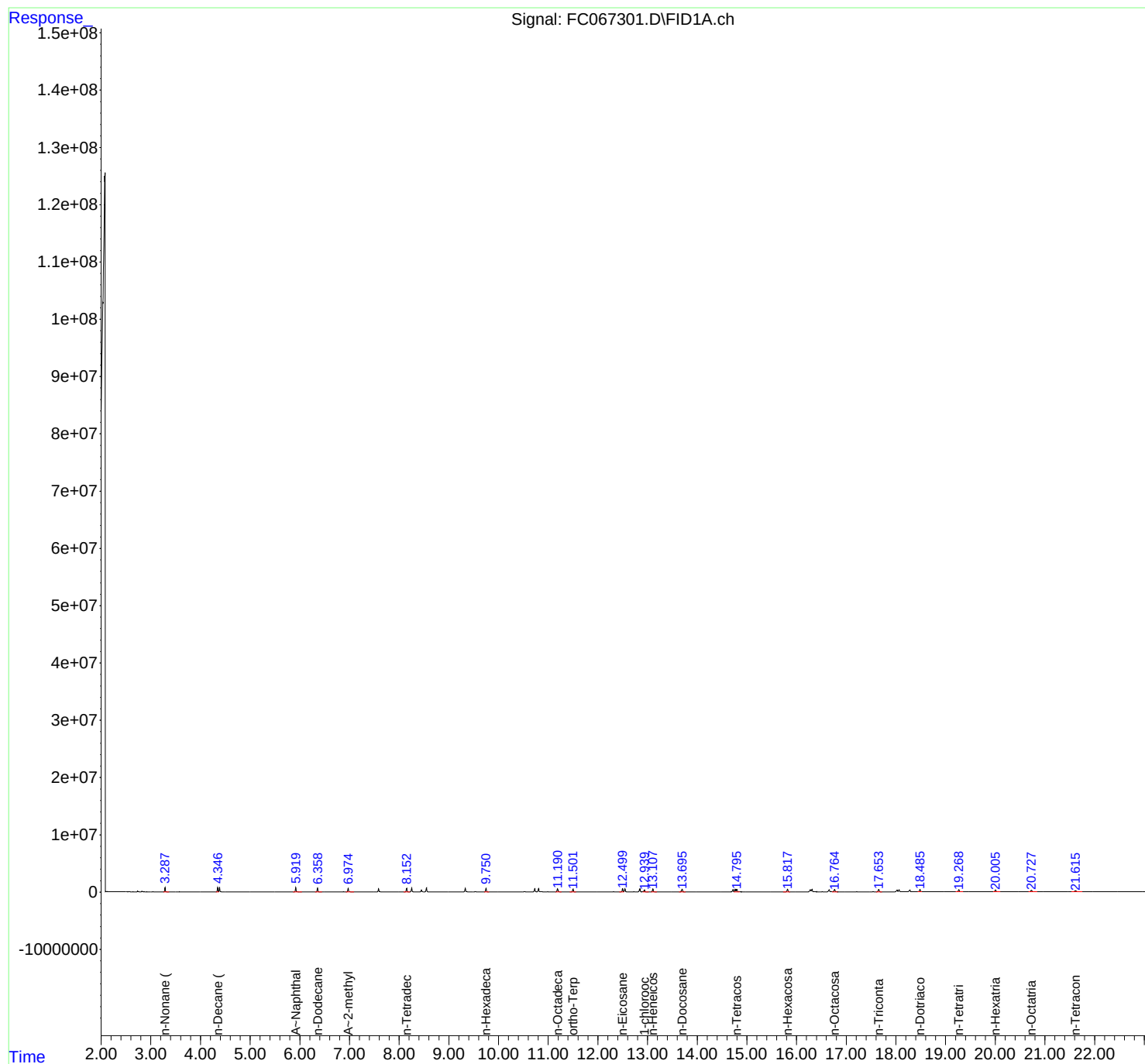
Instrument :
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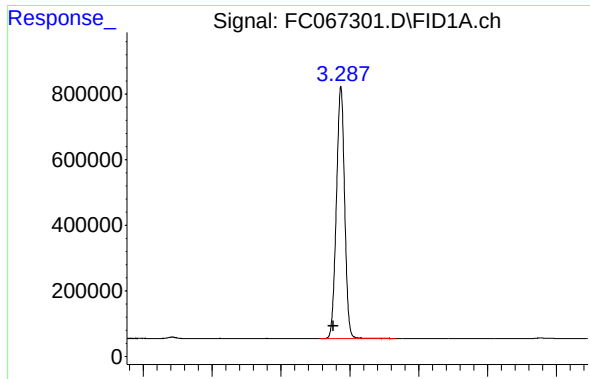
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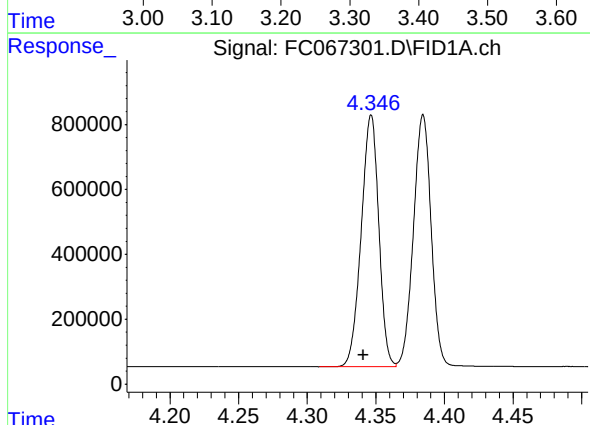
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.011 min
Response: 6391784
Conc: 48.19 ug/ml

Instrument :
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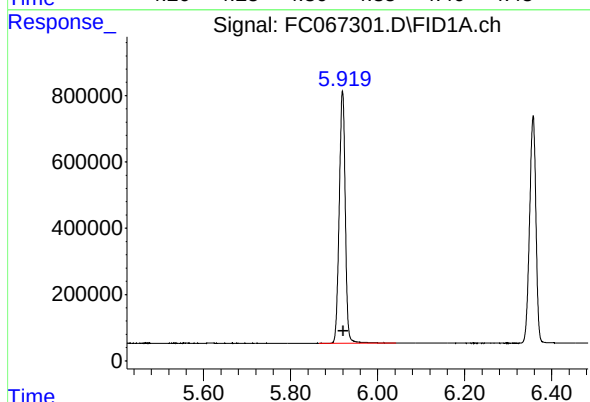
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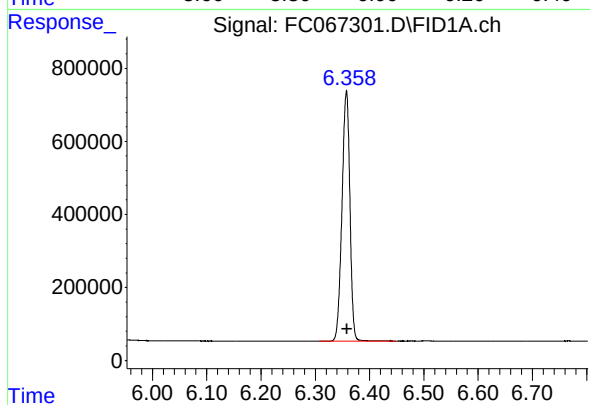
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.006 min
Response: 6913882
Conc: 51.48 ug/ml



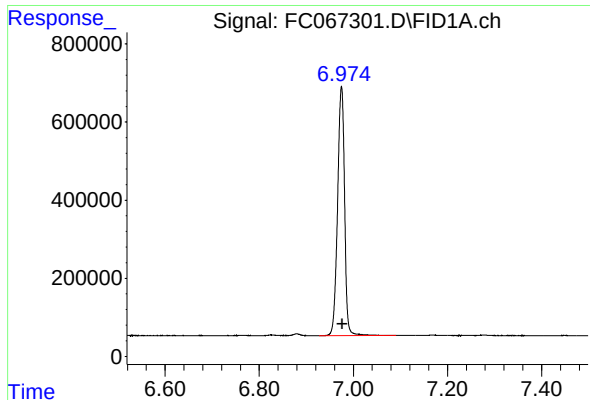
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 7320866
Conc: 51.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 6936190
Conc: 51.82 ug/ml



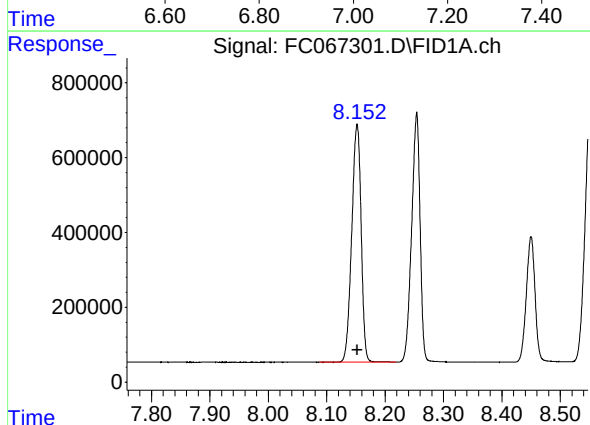
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 6575424
Conc: 49.24 ug/ml

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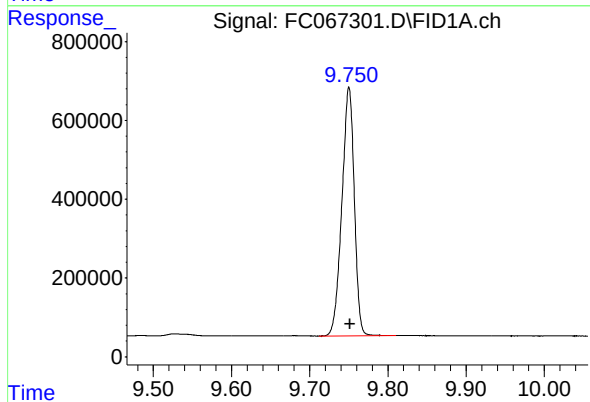
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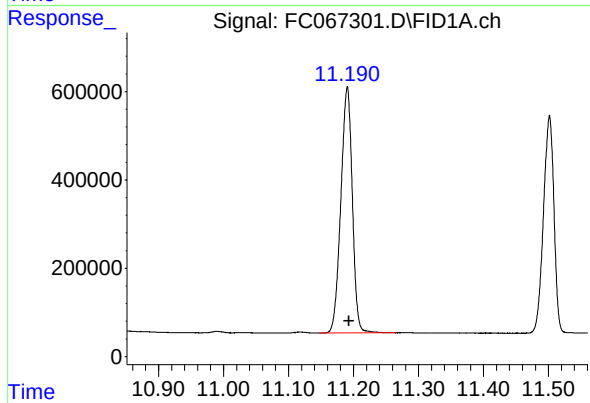
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 7117110
Conc: 55.22 ug/ml



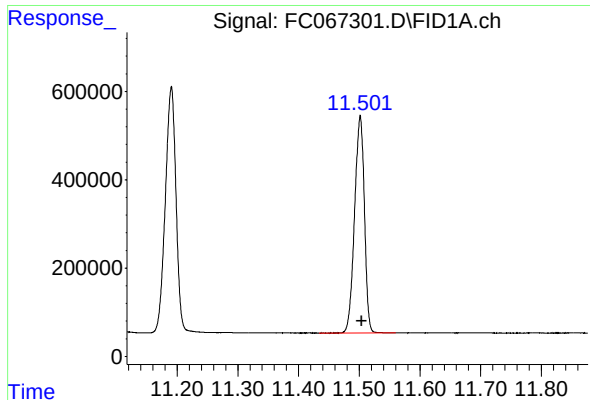
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.002 min
Response: 6970724
Conc: 54.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: -0.003 min
Response: 6835399
Conc: 53.43 ug/ml



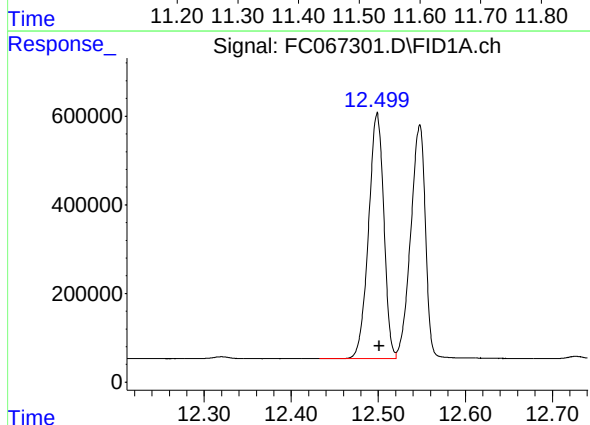
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.003 min
Response: 5527050
Conc: 39.69 ug/ml

Instrument :
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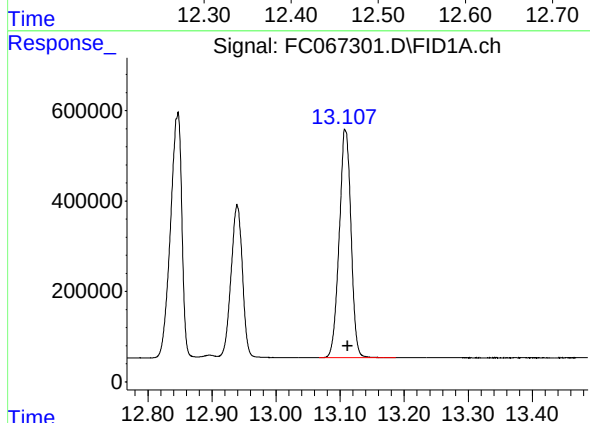
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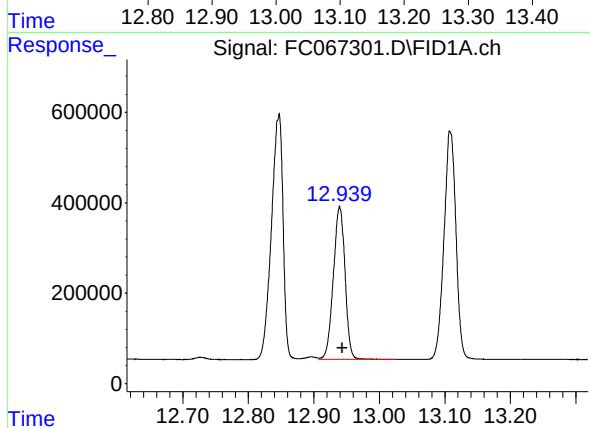
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 6725577
Conc: 55.99 ug/ml



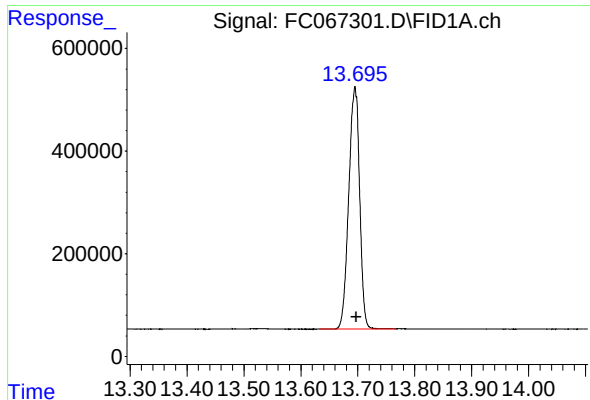
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.003 min
Response: 6403096
Conc: 54.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.004 min
Response: 4199844
Conc: 42.99 ug/ml



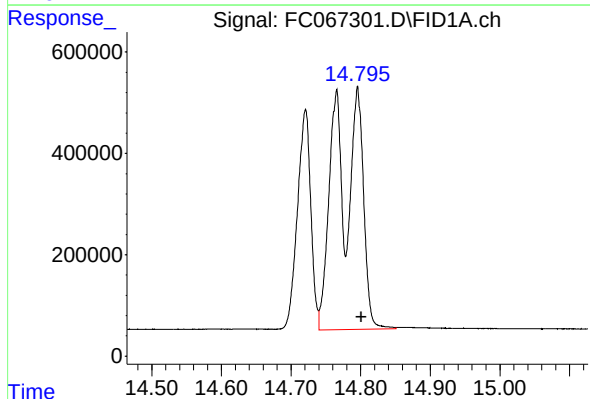
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.002 min
Response: 6266326
Conc: 54.27 ug/ml

Instrument :
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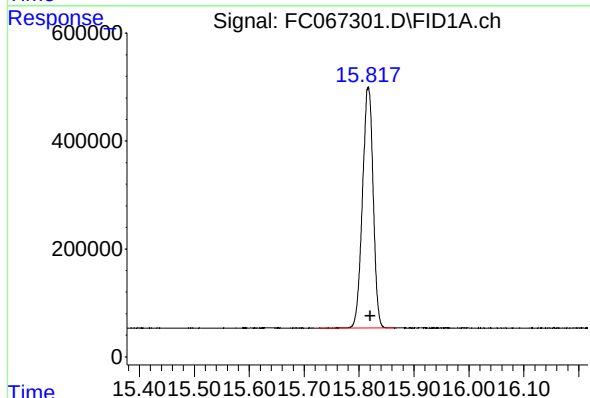
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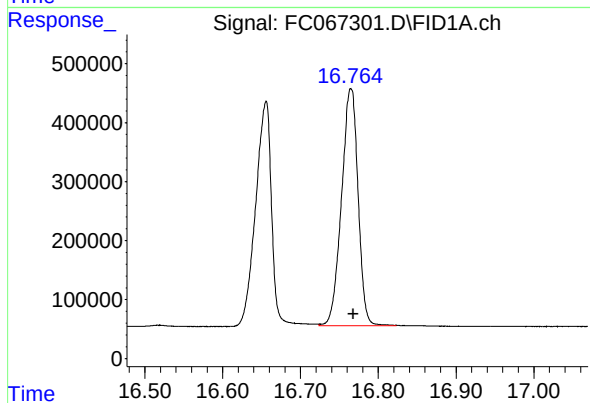
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.005 min
Response: 12199277
Conc: 107.42 ug/ml m



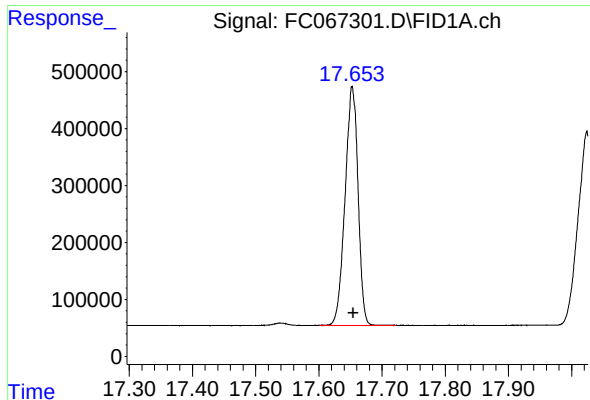
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.003 min
Response: 6048433
Conc: 54.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 5944795
Conc: 55.03 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.001 min
Response: 5985928
Conc: 55.03 ug/ml

Instrument :

FID_C

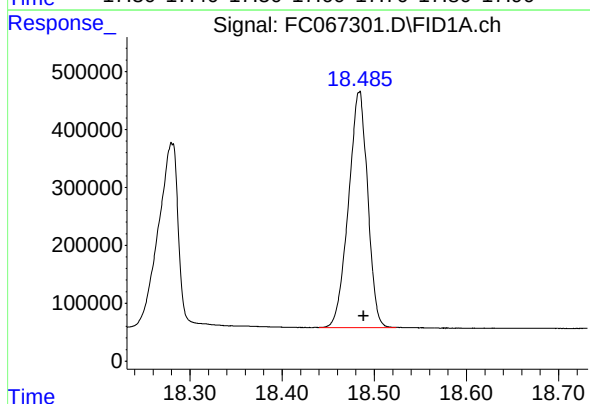
ClientSampleId :

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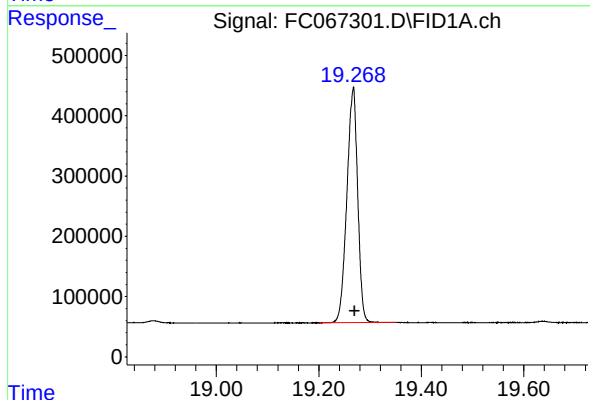
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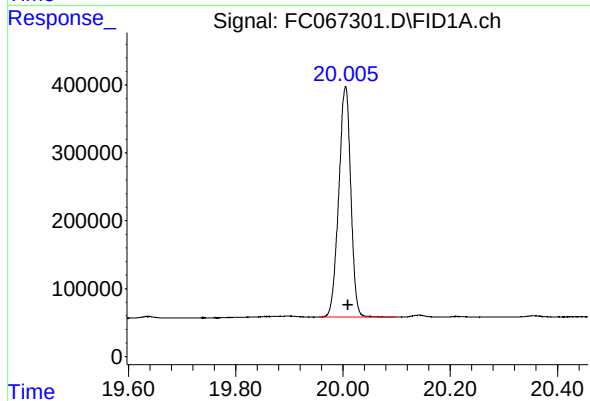
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.004 min
Response: 5889898
Conc: 56.47 ug/ml



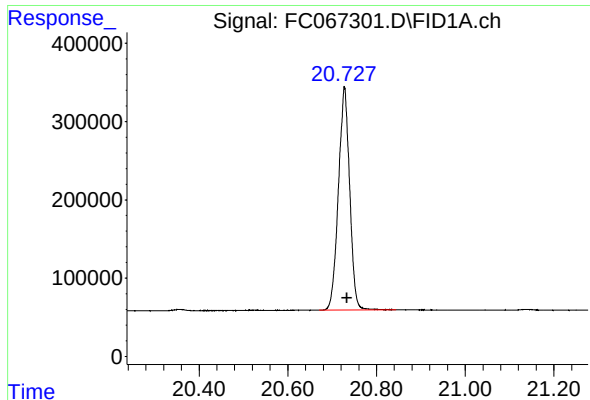
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.003 min
Response: 5720632
Conc: 62.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.004 min
Response: 5290659
Conc: 66.76 ug/ml



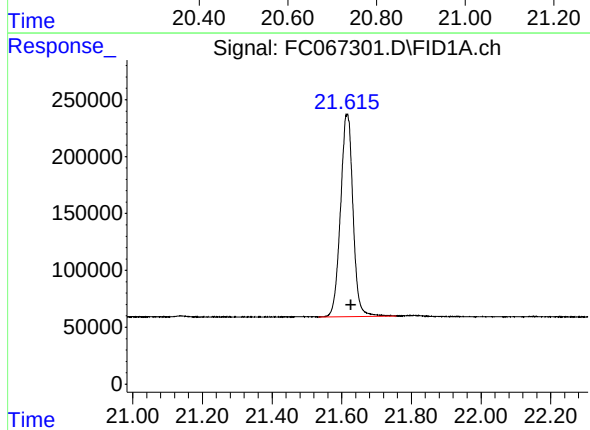
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.005 min
Response: 5020600
Conc: 66.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.012 min
Response: 4424190
Conc: 63.33 ug/ml m