

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092624AL\  
 Data File : FC067283.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Sep 2024 21:51  
 Operator : YP/AJ  
 Sample : PB163701BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

PB163701BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e

Quant Time: Sep 27 03:21:52 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)    | 11.503 | 6331175    | 45.468 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 90.94%         |
| 12) S 1-chlorooctadecane (S... | 12.941 | 4822054    | 49.363 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 98.73%         |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.289  | 6732744    | 50.757 ug/ml   |
| 2) T n-Decane (C10)            | 4.348  | 7214408    | 53.716 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 5.921  | 7715359    | 54.286 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.359  | 7196964    | 53.767 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 6.976  | 6909882    | 51.745 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.153  | 7380347    | 57.267 ug/ml   |
| 7) T n-Hexadecane (C16)        | 9.751  | 7221586    | 56.013 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.192 | 7145247    | 55.848 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.500 | 7055106    | 58.737 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.110 | 6736316    | 57.677 ug/ml   |
| 13) T n-Docosane (C22)         | 13.696 | 6628053    | 57.406 ug/ml   |
| 14) T n-Tetracosane (C24)      | 14.767 | 12749645   | 112.271 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.819 | 6424889    | 57.971 ug/ml   |
| 16) T n-Octacosane (C28)       | 16.765 | 6181680    | 57.228 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.653 | 6278705    | 57.722 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.481 | 6173528    | 59.187 ug/mlm  |
| 19) T n-Tetratriacontane (C34) | 19.266 | 6061638    | 65.703 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.005 | 5754312    | 72.612 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 20.730 | 5665524    | 75.424 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.617 | 5279091    | 75.562 ug/mlm  |
| -----                          |        |            |                |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB163701BS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

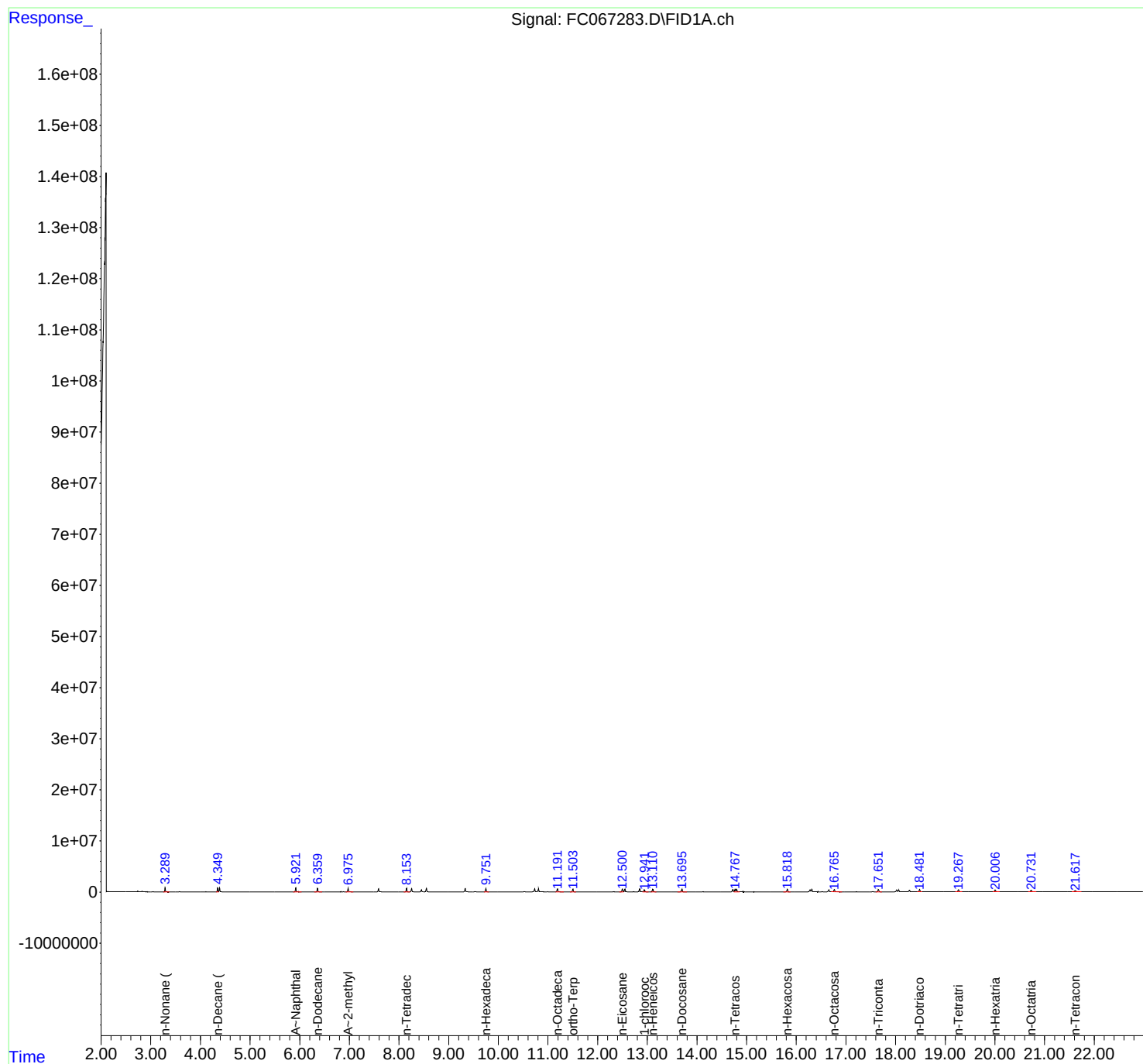
Instrument :  
FID\_C  
ClientSampleId :  
PB163701BS

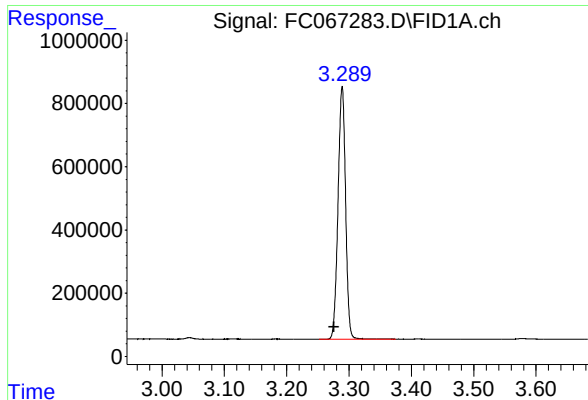
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e  
Quant Time: Sep 27 03:21:52 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





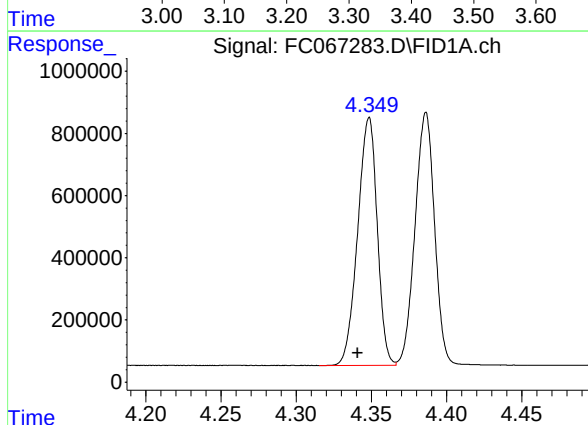
#1 n-Nonane (C9)

R.T.: 3.289 min  
Delta R.T.: 0.013 min  
Response: 6732744  
Conc: 50.76 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB163701BS

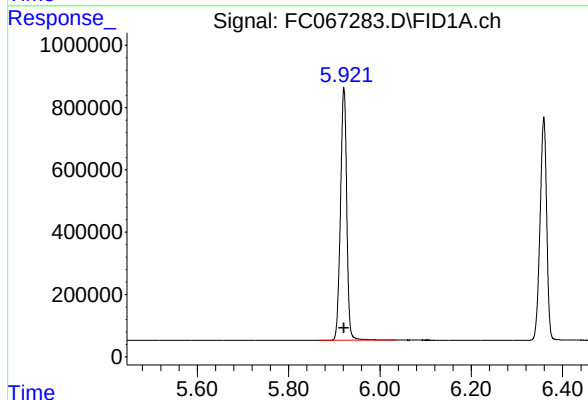
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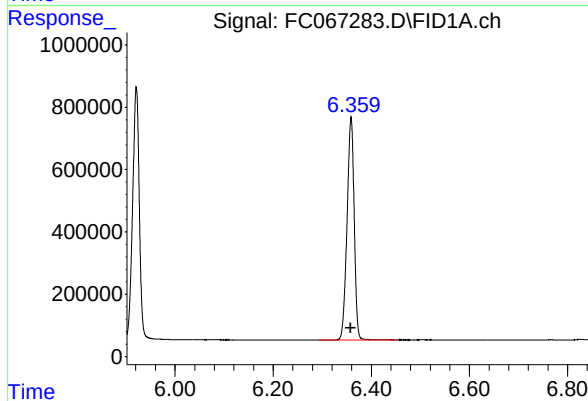
#2 n-Decane (C10)

R.T.: 4.348 min  
Delta R.T.: 0.007 min  
Response: 7214408  
Conc: 53.72 ug/ml



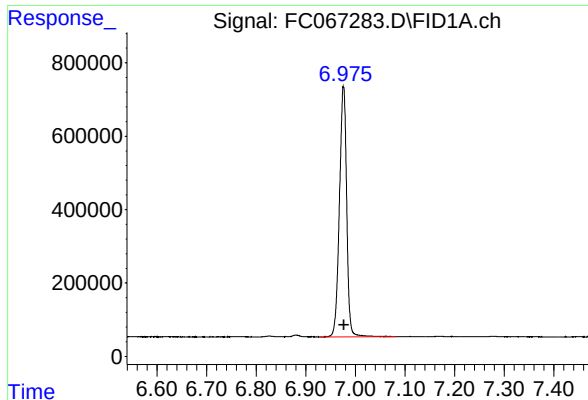
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 7715359  
Conc: 54.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 7196964  
Conc: 53.77 ug/ml



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

R.T.: 6.976 min  
Delta R.T.: -0.001 min  
Response: 6909882  
Conc: 51.75 ug/ml

Instrument :

FID\_C

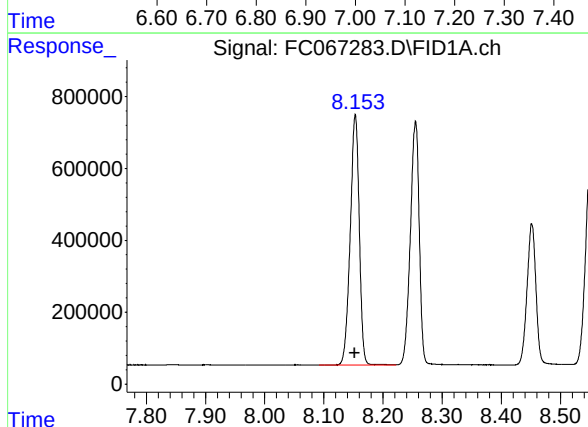
ClientSampleId :

PB163701BS

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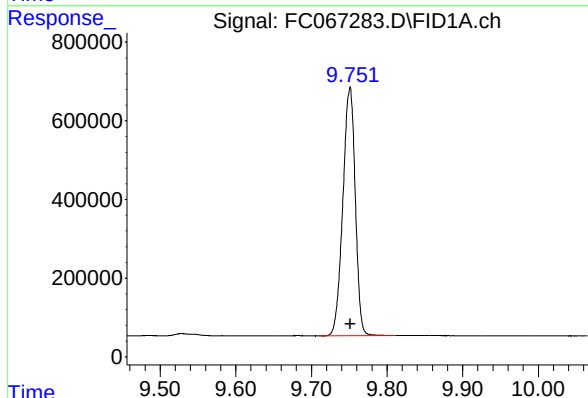
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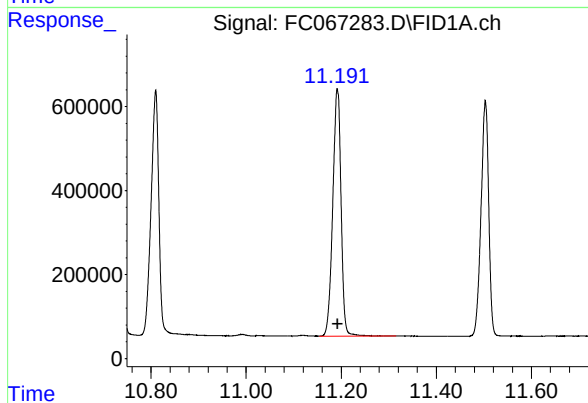
#6 n-Tetradecane (C14)

R.T.: 8.153 min  
Delta R.T.: 0.001 min  
Response: 7380347  
Conc: 57.27 ug/ml



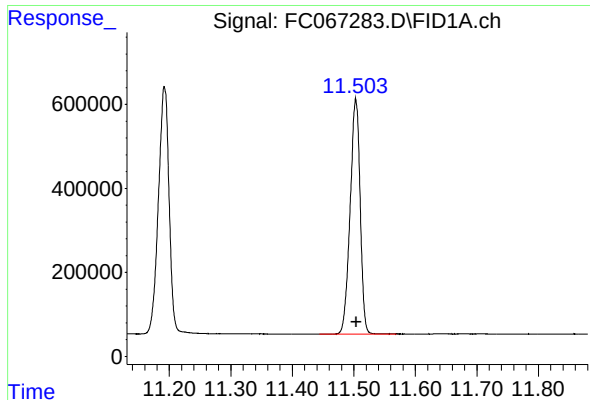
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: -0.001 min  
Response: 7221586  
Conc: 56.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min  
Delta R.T.: 0.000 min  
Response: 7145247  
Conc: 55.85 ug/ml



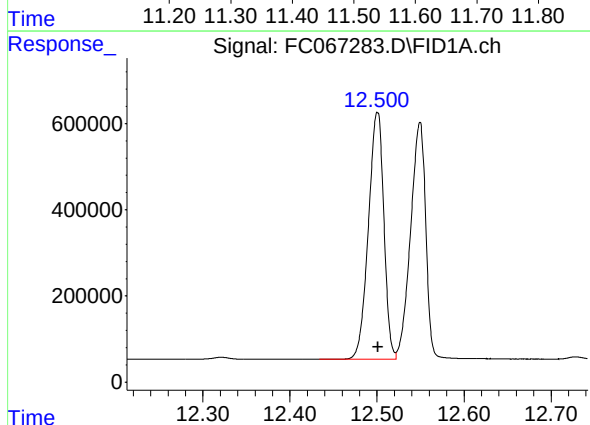
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min  
Delta R.T.: 0.000 min  
Response: 6331175  
Conc: 45.47 ug/ml

Instrument :  
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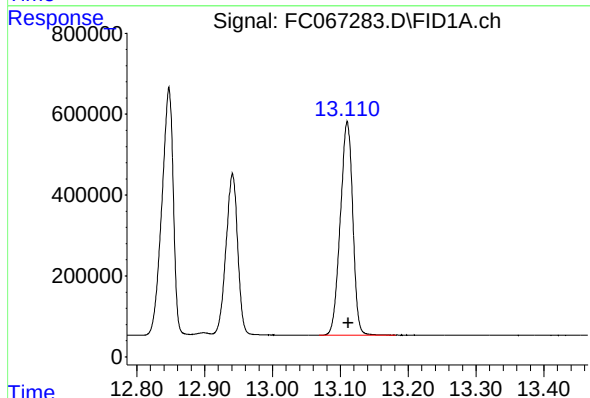
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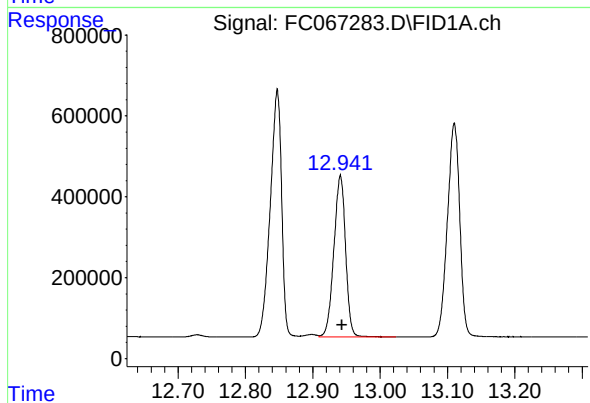
#10 n-Eicosane (C20)

R.T.: 12.500 min  
Delta R.T.: 0.000 min  
Response: 7055106  
Conc: 58.74 ug/ml



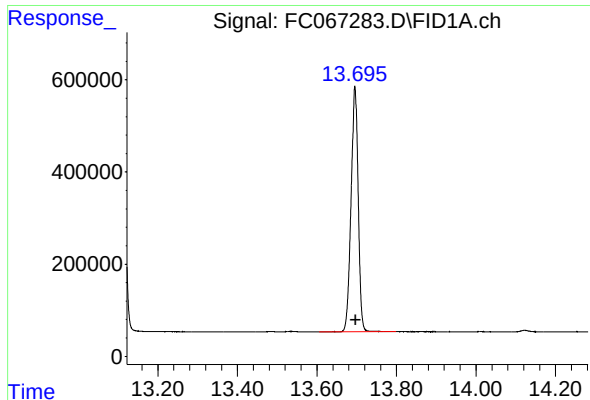
#11 n-Heneicosane (C21)

R.T.: 13.110 min  
Delta R.T.: -0.001 min  
Response: 6736316  
Conc: 57.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min  
Delta R.T.: -0.002 min  
Response: 4822054  
Conc: 49.36 ug/ml



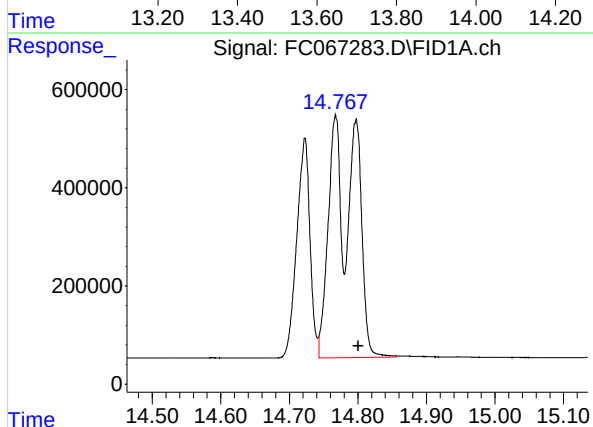
#13 n-Docosane (C22)

R.T.: 13.696 min  
Delta R.T.: -0.001 min  
Response: 6628053  
Conc: 57.41 ug/ml

Instrument :  
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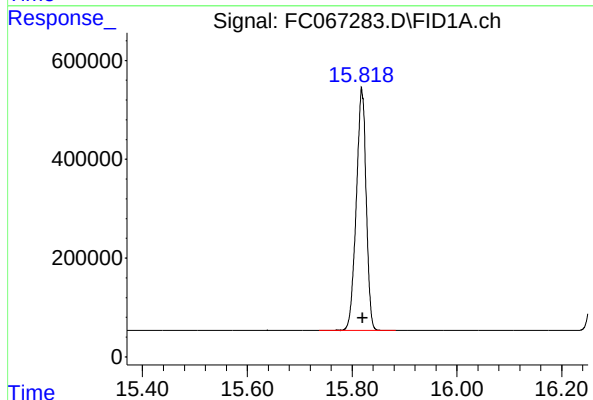
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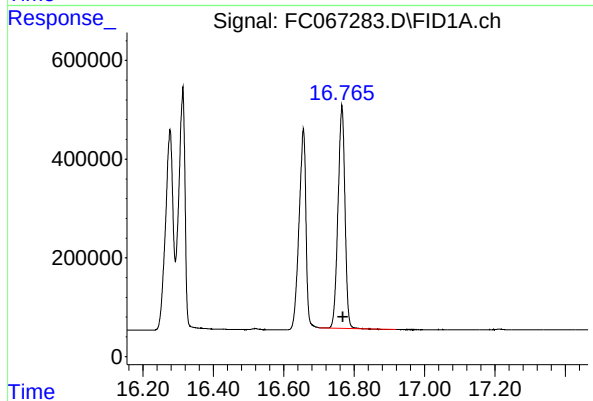
#14 n-Tetracosane (C24)

R.T.: 14.767 min  
Delta R.T.: -0.034 min  
Response: 12749645  
Conc: 112.27 ug/ml m



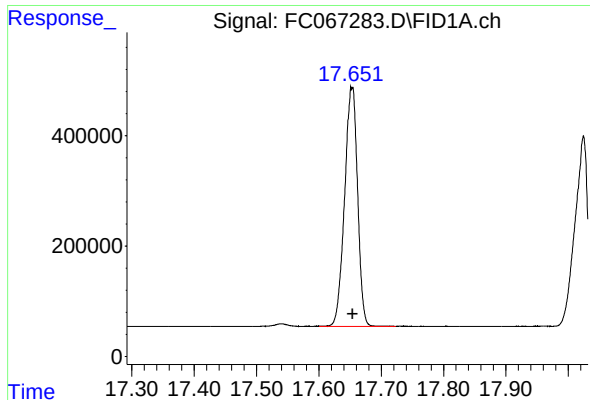
#15 n-Hexacosane (C26)

R.T.: 15.819 min  
Delta R.T.: -0.002 min  
Response: 6424889  
Conc: 57.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min  
Delta R.T.: -0.003 min  
Response: 6181680  
Conc: 57.23 ug/ml



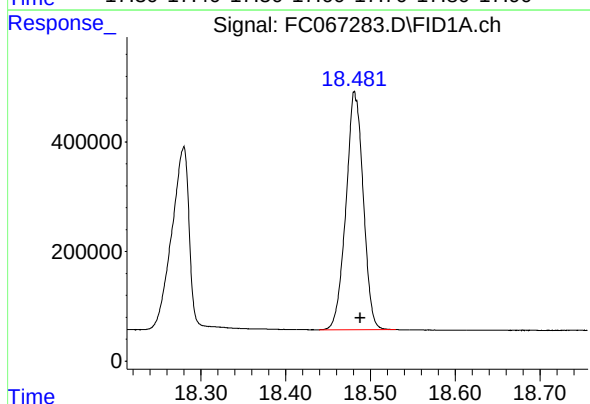
#17 n-Tricontane (C30)

R.T.: 17.653 min  
Delta R.T.: -0.001 min  
Response: 6278705  
Conc: 57.72 ug/ml

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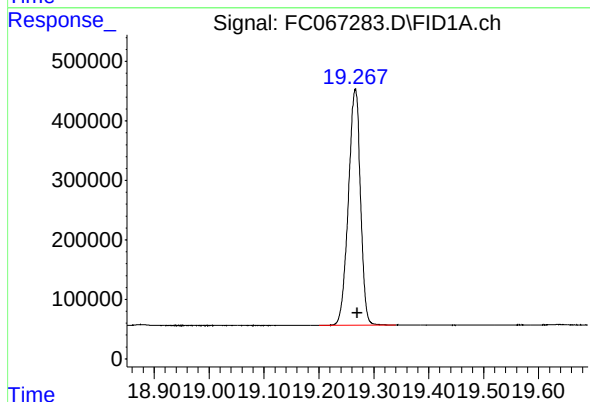
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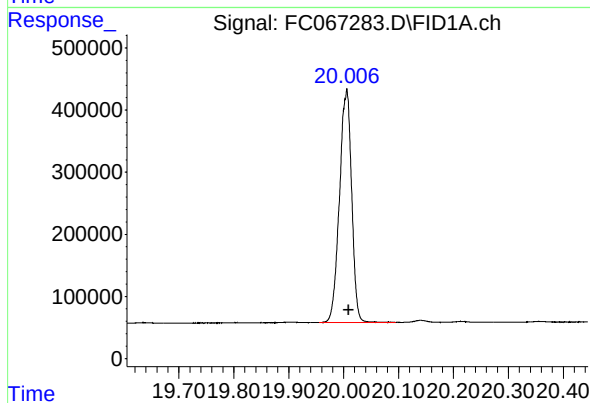
#18 n-Dotriacontane (C32)

R.T.: 18.481 min  
Delta R.T.: -0.007 min  
Response: 6173528  
Conc: 59.19 ug/ml



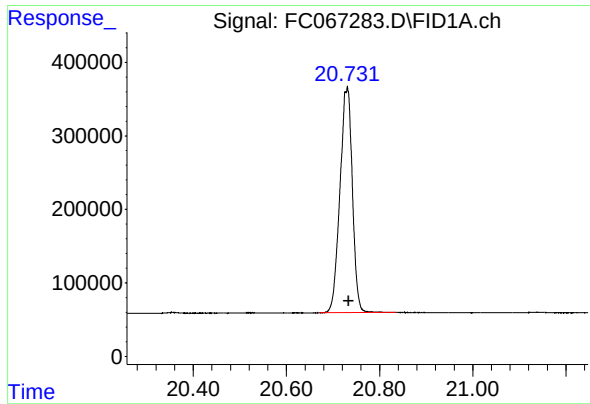
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min  
Delta R.T.: -0.004 min  
Response: 6061638  
Conc: 65.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min  
Delta R.T.: -0.004 min  
Response: 5754312  
Conc: 72.61 ug/ml



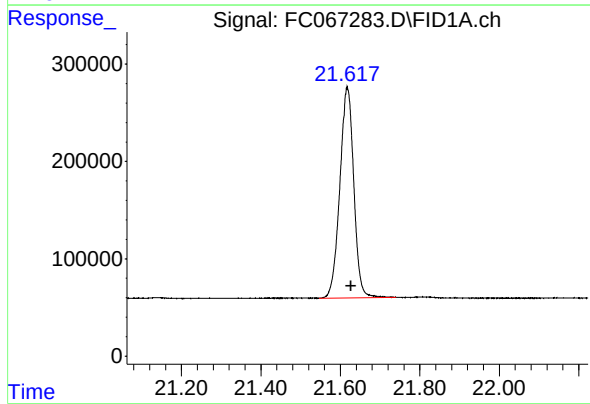
#21 n-Octatriacontane (C38)

R.T.: 20.730 min  
Delta R.T.: -0.003 min  
Response: 5665524  
Conc: 75.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.617 min  
Delta R.T.: -0.010 min  
Response: 5279091  
Conc: 75.56 ug/ml m