

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092624AL\  
 Data File : FC067278.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Sep 2024 17:19  
 Operator : YP/AJ  
 Sample : P4190-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

TP-TMSD

**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 03:21:15 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 | 4979886    | 35.763 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 71.53%         |
| 12) S 1-chlorooctadecane (S... | 12.941 | 3857851    | 39.492 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 78.98%         |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.282  | 5450543    | 41.091 ug/ml   |
| 2) T n-Decane (C10)            | 4.345  | 6213692    | 46.265 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 5.920  | 6878762    | 48.400 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.358  | 6549838    | 48.932 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 6.975  | 6423478    | 48.103 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.153  | 7194156    | 55.822 ug/ml   |
| 7) T n-Hexadecane (C16)        | 9.752  | 7677778    | 59.552 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.192 | 7850936    | 61.363 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.502 | 7850350    | 65.358 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.111 | 7532902    | 64.498 ug/ml   |
| 13) T n-Docosane (C22)         | 13.697 | 7423833    | 64.298 ug/ml   |
| 14) T n-Tetracosane (C24)      | 14.770 | 14266292   | 125.626 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.819 | 7152874    | 64.540 ug/ml   |
| 16) T n-Octacosane (C28)       | 16.767 | 6928865    | 64.145 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.655 | 6914917    | 63.571 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.484 | 6846811    | 65.642 ug/mlm  |
| 19) T n-Tetratriacontane (C34) | 19.267 | 6714602    | 72.780 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.006 | 6365630    | 80.326 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 20.732 | 6256604    | 83.293 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.618 | 5849064    | 83.720 ug/mlm  |
| -----                          |        |            |                |

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

(m)=manual int.

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Operator : YP/AJ  
Sample : P4190-01MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

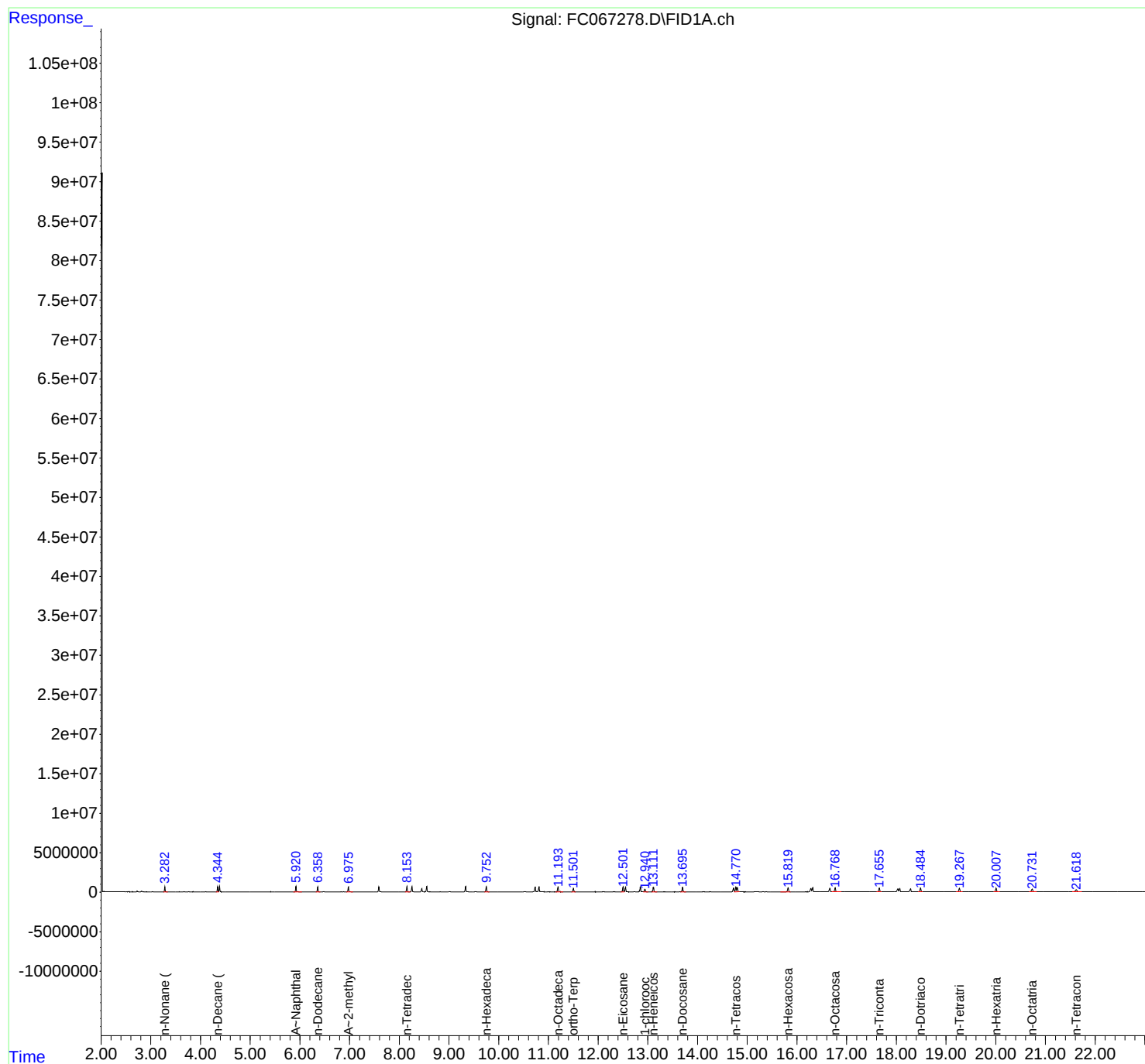
Instrument :  
FID\_C  
ClientSampleId :  
TP-TMSD

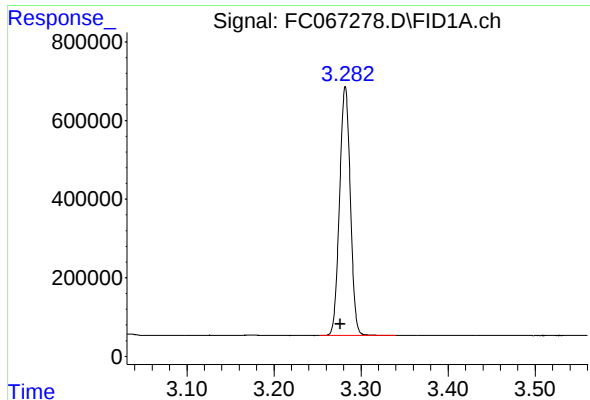
Manual Integrations  
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Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e  
Quant Time: Sep 27 03:21:15 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





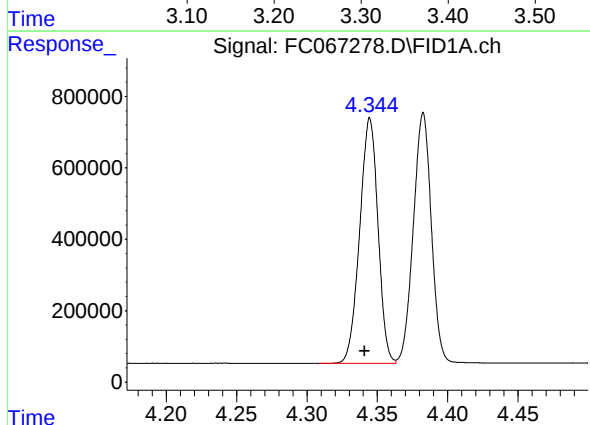
#1 n-Nonane (C9)

R.T.: 3.282 min  
Delta R.T.: 0.006 min  
Response: 5450543  
Conc: 41.09 ug/ml

Instrument :  
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ClientSampleId :  
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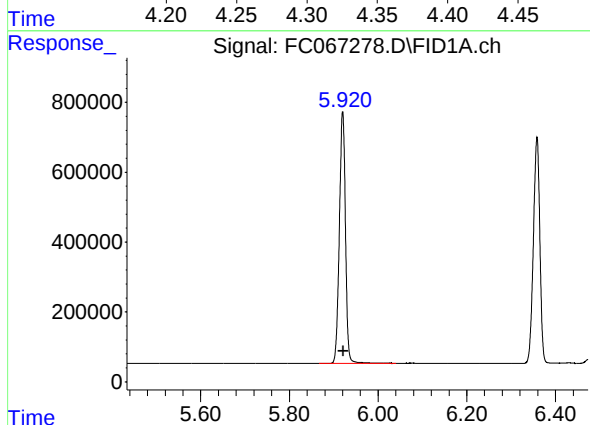
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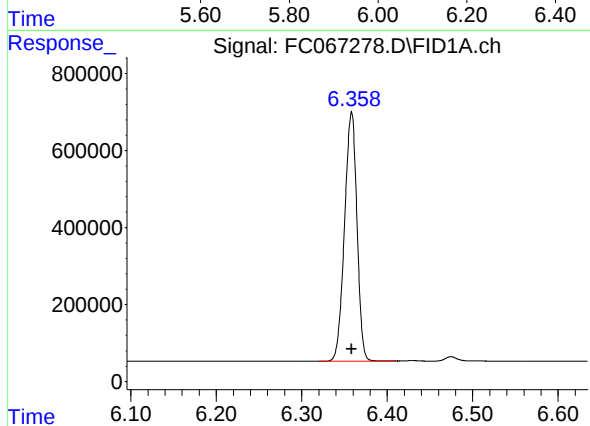
#2 n-Decane (C10)

R.T.: 4.345 min  
Delta R.T.: 0.004 min  
Response: 6213692  
Conc: 46.26 ug/ml



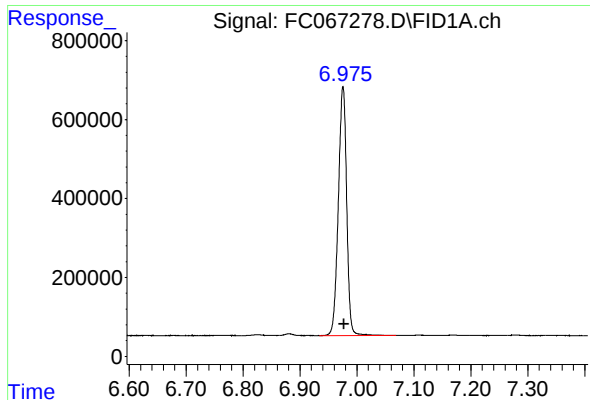
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min  
Delta R.T.: -0.001 min  
Response: 6878762  
Conc: 48.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 6549838  
Conc: 48.93 ug/ml



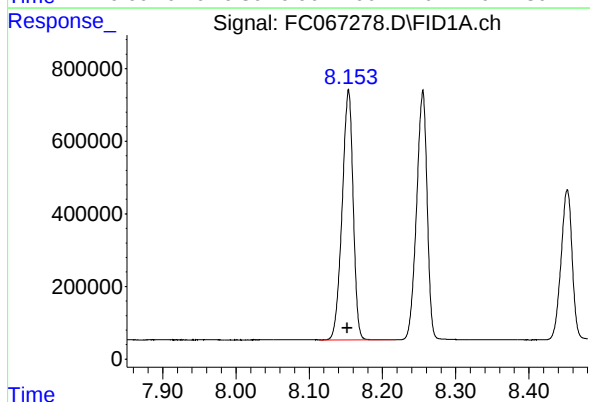
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 6423478  
Conc: 48.10 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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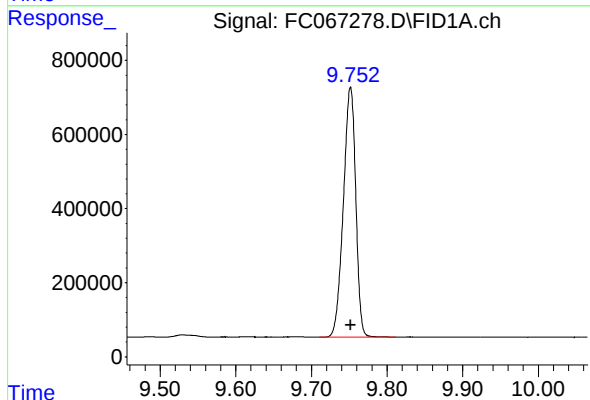
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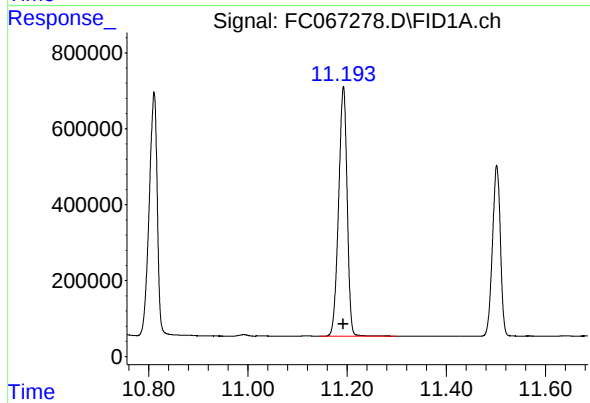
#6 n-Tetradecane (C14)

R.T.: 8.153 min  
Delta R.T.: 0.001 min  
Response: 7194156  
Conc: 55.82 ug/ml



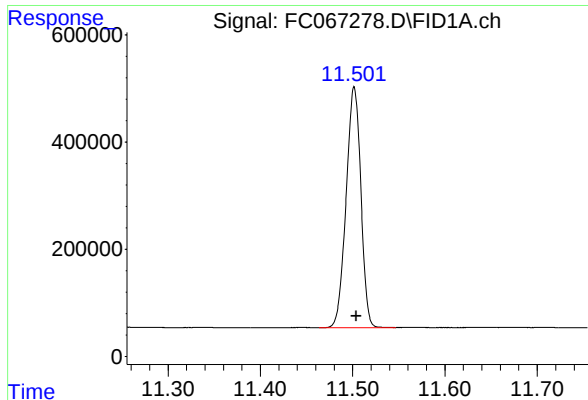
#7 n-Hexadecane (C16)

R.T.: 9.752 min  
Delta R.T.: 0.000 min  
Response: 7677778  
Conc: 59.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min  
Delta R.T.: 0.000 min  
Response: 7850936  
Conc: 61.36 ug/ml



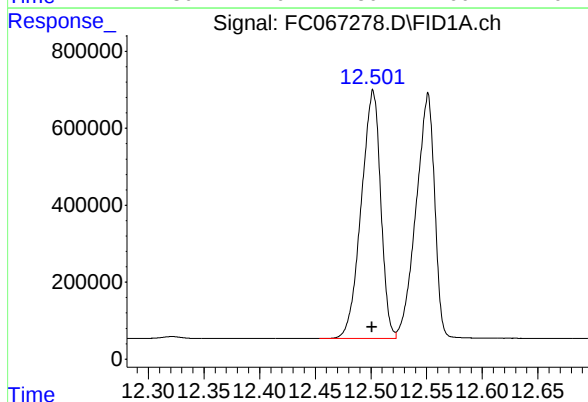
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min  
Delta R.T.: -0.002 min  
Response: 4979886  
Conc: 35.76 ug/ml

Instrument :  
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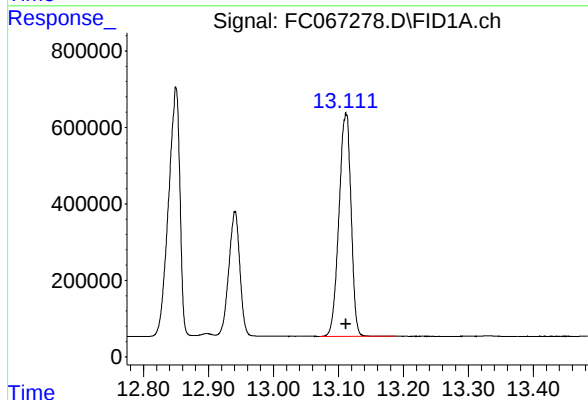
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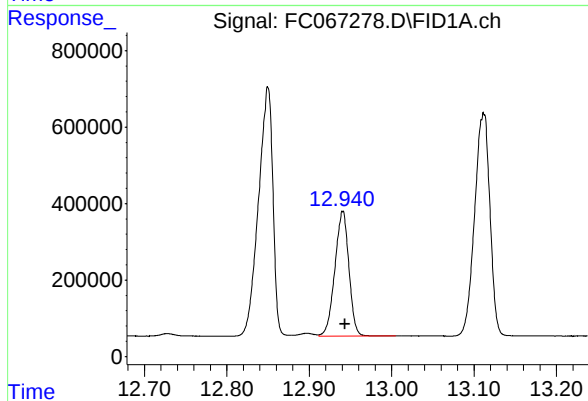
#10 n-Eicosane (C20)

R.T.: 12.502 min  
Delta R.T.: 0.000 min  
Response: 7850350  
Conc: 65.36 ug/ml



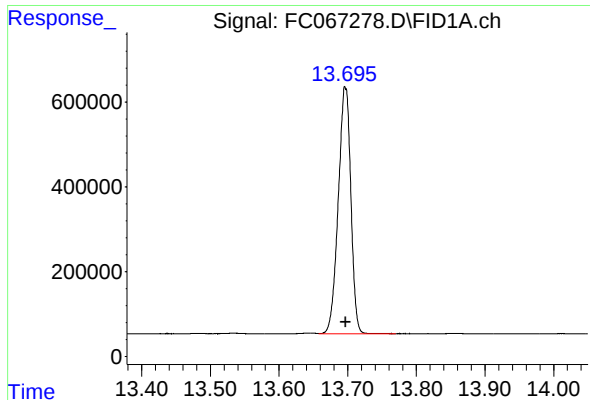
#11 n-Heneicosane (C21)

R.T.: 13.111 min  
Delta R.T.: 0.000 min  
Response: 7532902  
Conc: 64.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min  
Delta R.T.: -0.003 min  
Response: 3857851  
Conc: 39.49 ug/ml



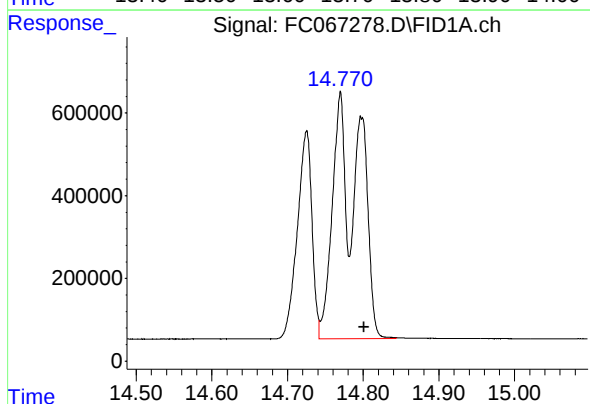
#13 n-Docosane (C22)

R.T.: 13.697 min  
Delta R.T.: 0.000 min  
Response: 7423833  
Conc: 64.30 ug/ml

Instrument :  
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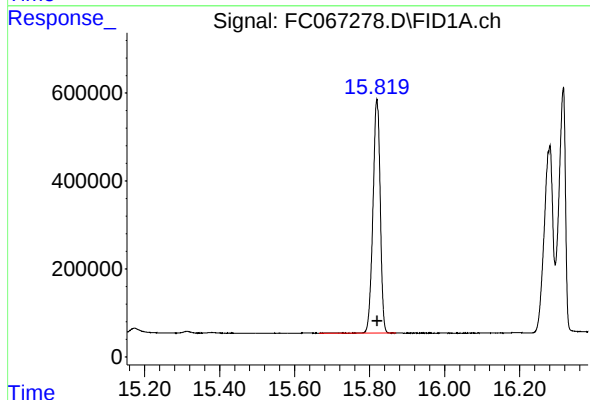
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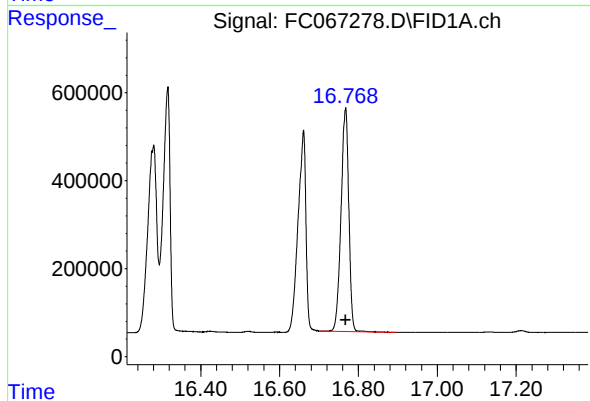
#14 n-Tetracosane (C24)

R.T.: 14.770 min  
Delta R.T.: -0.031 min  
Response: 14266292  
Conc: 125.63 ug/ml m



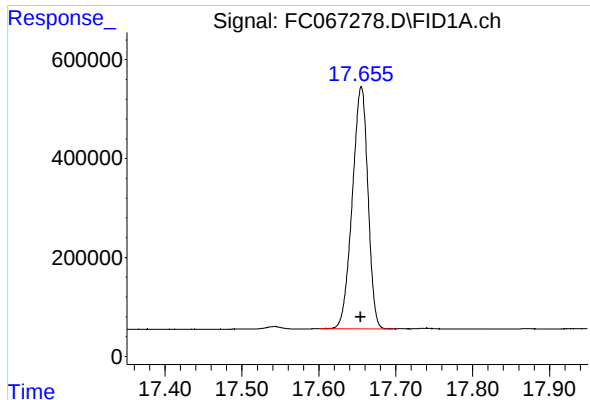
#15 n-Hexacosane (C26)

R.T.: 15.819 min  
Delta R.T.: 0.000 min  
Response: 7152874  
Conc: 64.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.767 min  
Delta R.T.: -0.001 min  
Response: 6928865  
Conc: 64.14 ug/ml



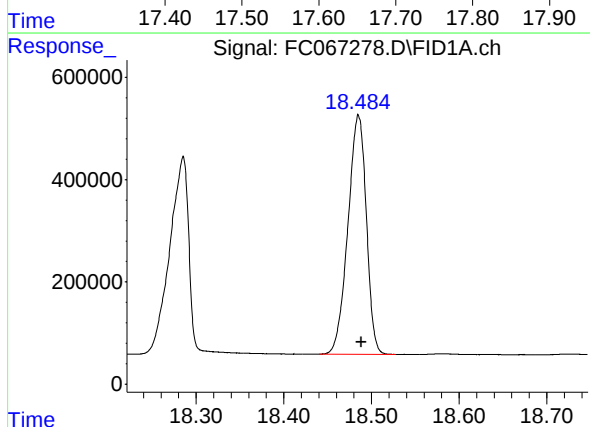
#17 n-Tricontane (C30)

R.T.: 17.655 min  
Delta R.T.: 0.000 min  
Response: 6914917  
Conc: 63.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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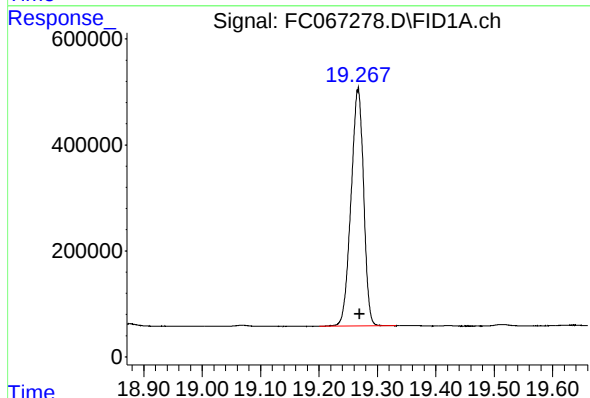
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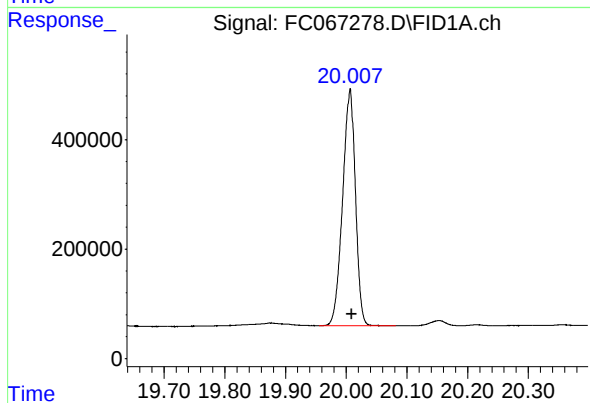
#18 n-Dotriacontane (C32)

R.T.: 18.484 min  
Delta R.T.: -0.004 min  
Response: 6846811  
Conc: 65.64 ug/ml m



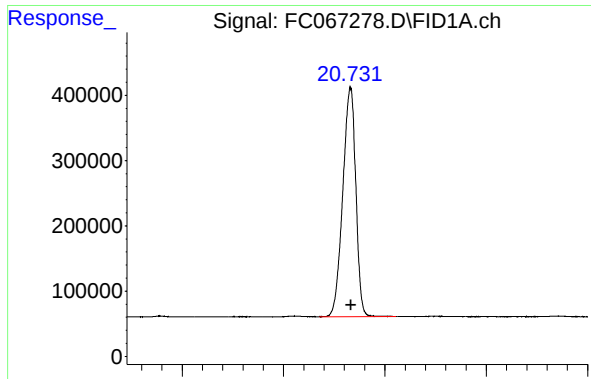
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min  
Delta R.T.: -0.003 min  
Response: 6714602  
Conc: 72.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min  
Delta R.T.: -0.003 min  
Response: 6365630  
Conc: 80.33 ug/ml



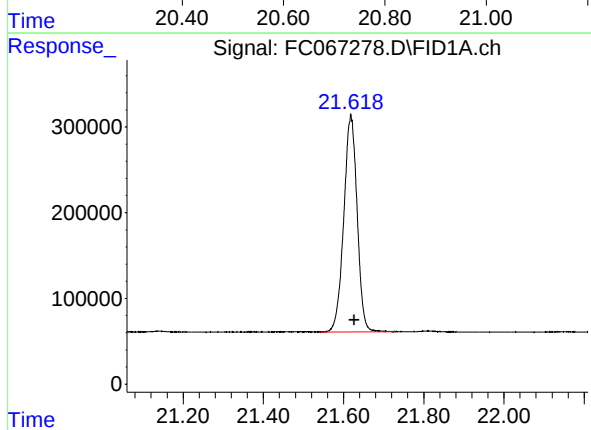
#21 n-Octatriacontane (C38)

R.T.: 20.732 min  
Delta R.T.: -0.001 min  
Response: 6256604  
Conc: 83.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.618 min  
Delta R.T.: -0.009 min  
Response: 5849064  
Conc: 83.72 ug/ml m