

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120324AL\  
 Data File : FC067908.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Dec 2024 16:47  
 Operator : YP/AJ  
 Sample : P5052-16MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

OR-640-184MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/04/2024

Supervised By :Ankita Jodhani 12/04/2024

Integration File: autoint1.e

Quant Time: Dec 03 23:02:14 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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)    | 11.504 | 4705395    | 24.270 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 48.54%        |
| 12) S 1-chlorooctadecane (S... | 12.940 | 3723678    | 25.652 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 51.30%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.292  | 2911852    | 17.852 ug/ml  |
| 2) T n-Decane (C10)            | 4.355  | 3541988    | 21.359 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.930  | 4297709    | 23.465 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.366  | 3998392    | 23.739 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.984  | 4130324    | 23.289 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.158  | 4314159    | 25.761 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.753  | 4489258    | 25.905 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.192 | 4615502    | 26.233 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.499 | 4690624    | 27.856 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.109 | 4486490    | 27.267 ug/ml  |
| 13) T n-Docosane (C22)         | 13.694 | 4450618    | 27.329 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.766 | 8854373    | 55.208 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.813 | 4222208    | 27.264 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.760 | 4083487    | 27.039 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.647 | 4098204    | 26.767 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.476 | 4002696    | 27.102 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.257 | 3904480    | 30.956 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.996 | 3709730    | 35.470 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.719 | 3624782    | 37.107 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.604 | 3622111    | 37.163 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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Operator : YP/AJ  
Sample : P5052-16MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

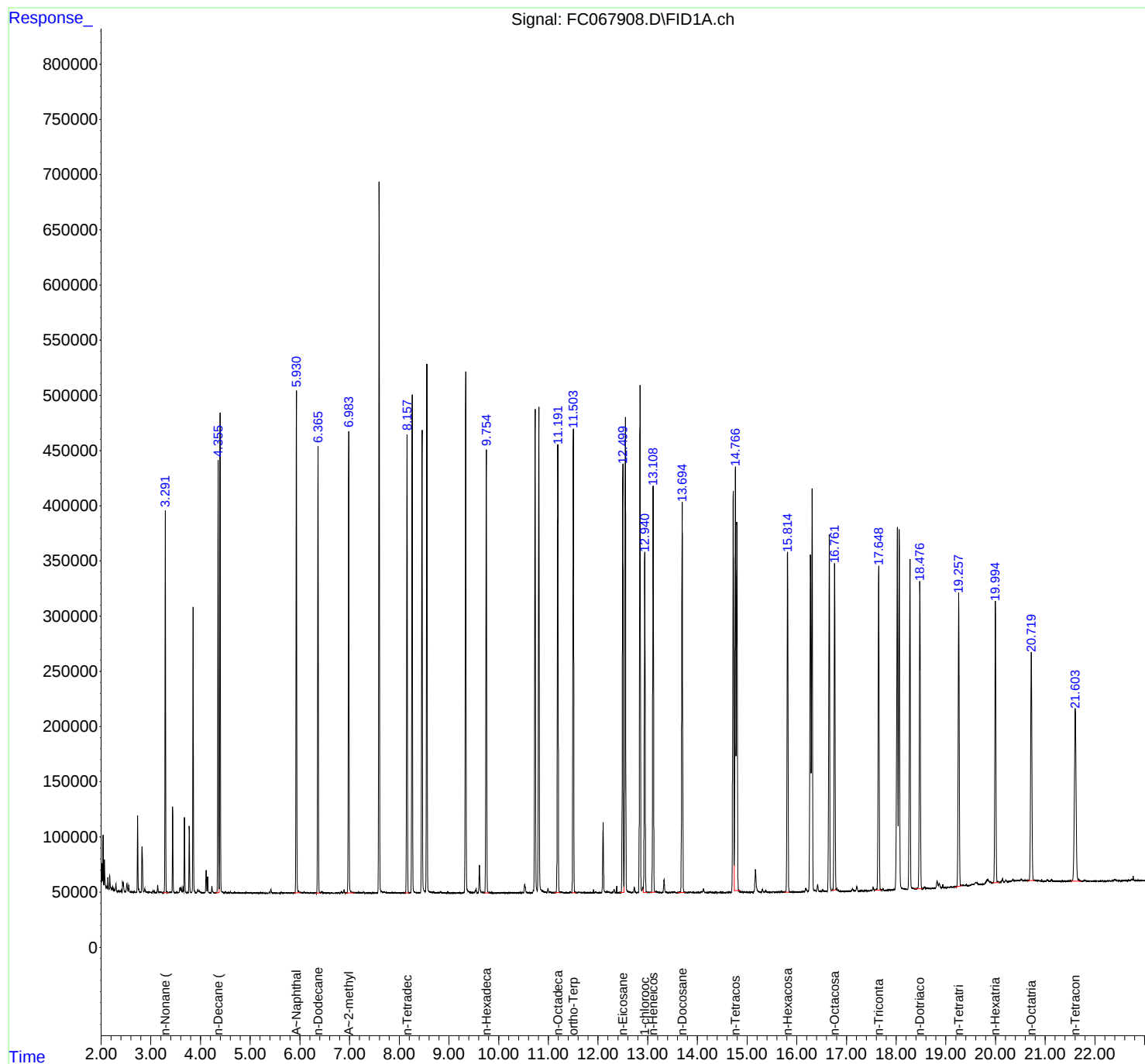
Instrument :  
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OR-640-184MSD

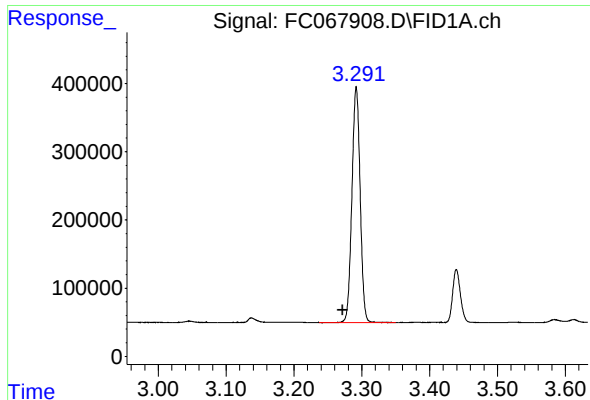
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/04/2024  
Supervised By :Ankita Jodhani 12/04/2024

Integration File: autoint1.e  
Quant Time: Dec 03 23:02:14 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111424.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 14 14:13:15 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





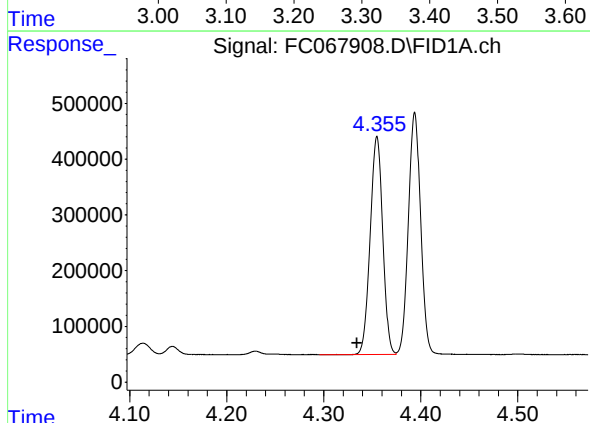
#1 n-Nonane (C9)

R.T.: 3.292 min  
Delta R.T.: 0.020 min  
Response: 2911852  
Conc: 17.85 ug/ml

Instrument :  
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OR-640-184MSD

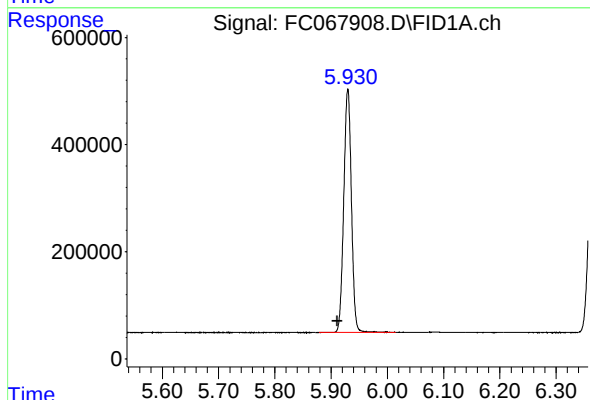
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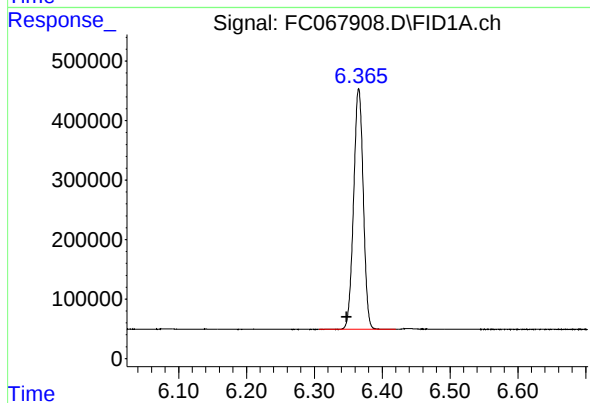
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: 0.021 min  
Response: 3541988  
Conc: 21.36 ug/ml



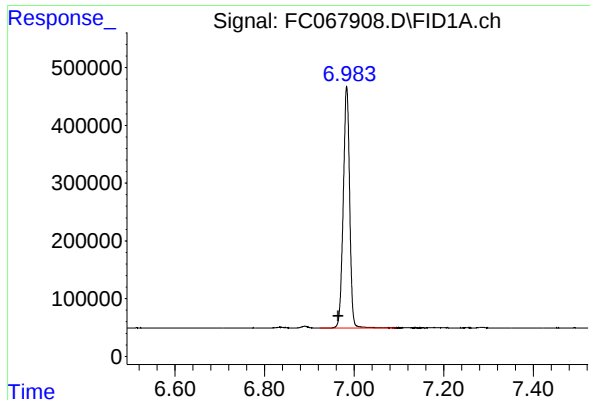
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min  
Delta R.T.: 0.019 min  
Response: 4297709  
Conc: 23.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min  
Delta R.T.: 0.018 min  
Response: 3998392  
Conc: 23.74 ug/ml



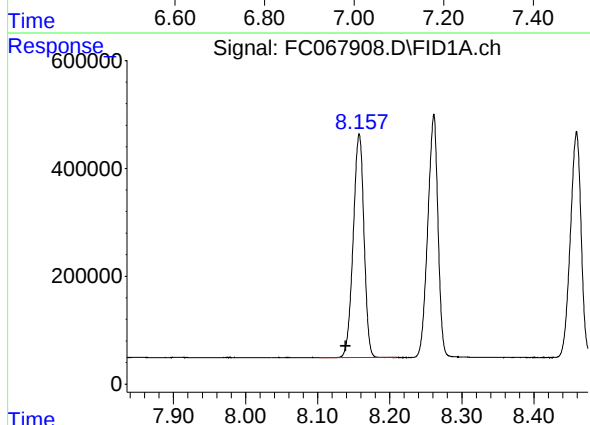
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min  
Delta R.T.: 0.019 min  
Response: 4130324  
Conc: 23.29 ug/ml

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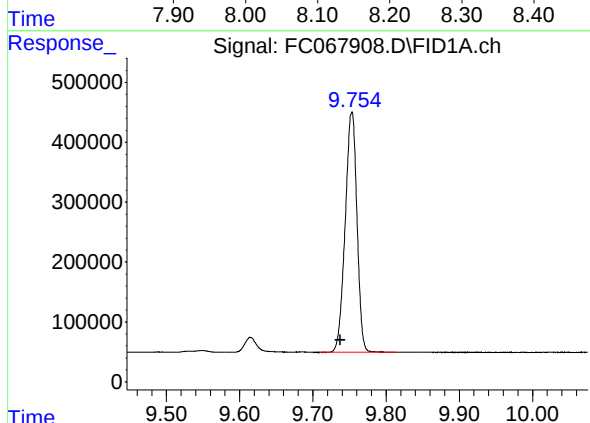
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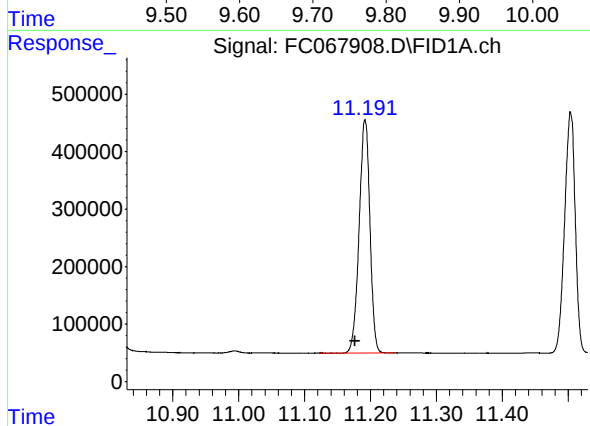
#6 n-Tetradecane (C14)

R.T.: 8.158 min  
Delta R.T.: 0.019 min  
Response: 4314159  
Conc: 25.76 ug/ml



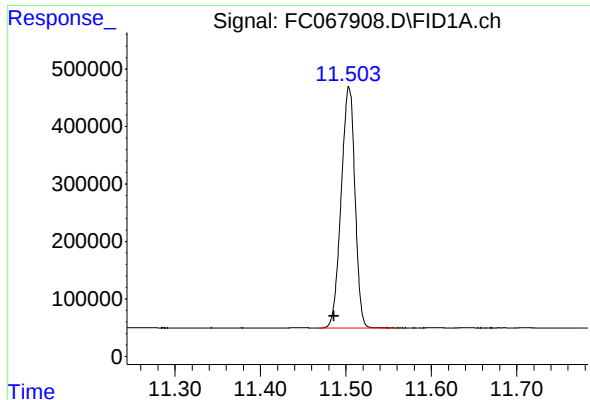
#7 n-Hexadecane (C16)

R.T.: 9.753 min  
Delta R.T.: 0.016 min  
Response: 4489258  
Conc: 25.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min  
Delta R.T.: 0.016 min  
Response: 4615502  
Conc: 26.23 ug/ml



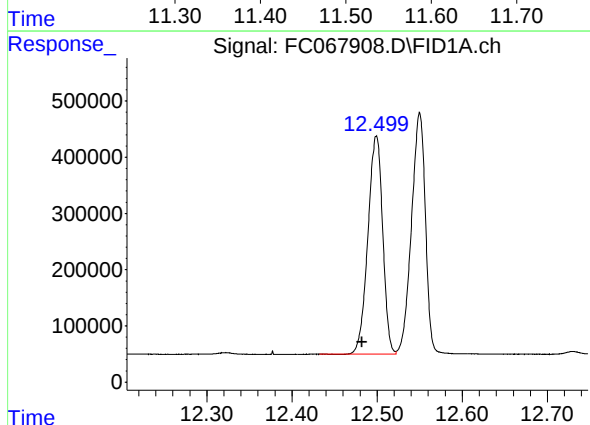
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min  
Delta R.T.: 0.017 min  
Response: 4705395  
Conc: 24.27 ug/ml

Instrument :  
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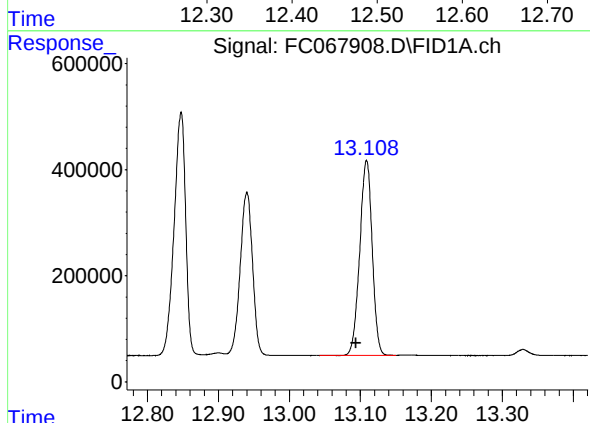
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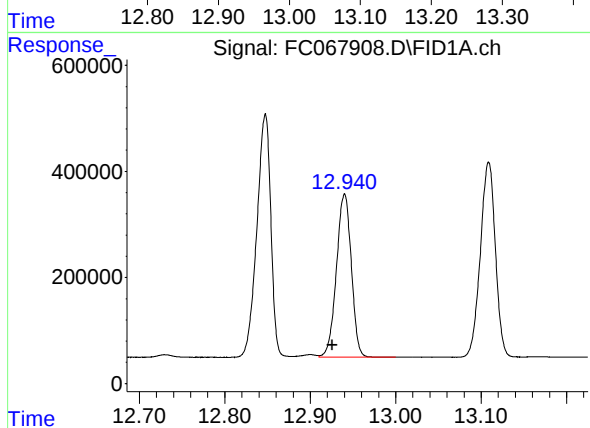
#10 n-Eicosane (C20)

R.T.: 12.499 min  
Delta R.T.: 0.017 min  
Response: 4690624  
Conc: 27.86 ug/ml



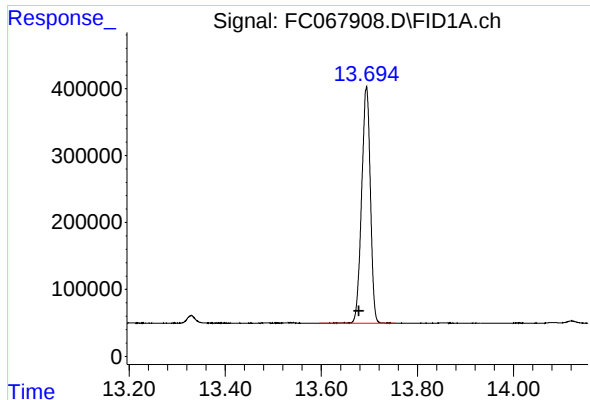
#11 n-Heneicosane (C21)

R.T.: 13.109 min  
Delta R.T.: 0.015 min  
Response: 4486490  
Conc: 27.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min  
Delta R.T.: 0.014 min  
Response: 3723678  
Conc: 25.65 ug/ml



#13 n-Docosane (C22)

R.T.: 13.694 min  
Delta R.T.: 0.015 min  
Response: 4450618  
Conc: 27.33 ug/ml

Instrument :

FID\_C

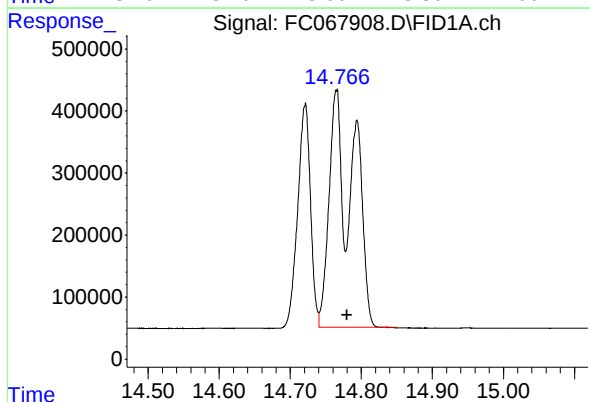
ClientSampleId :

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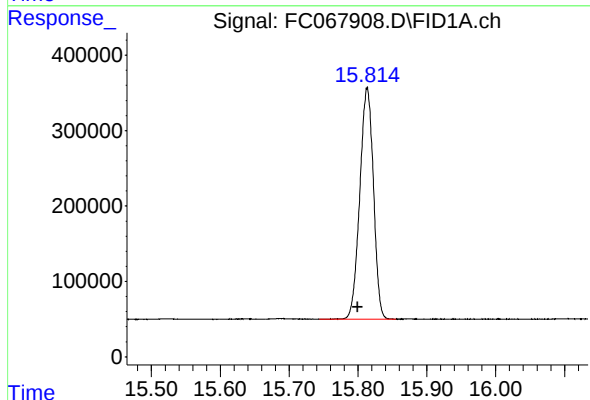
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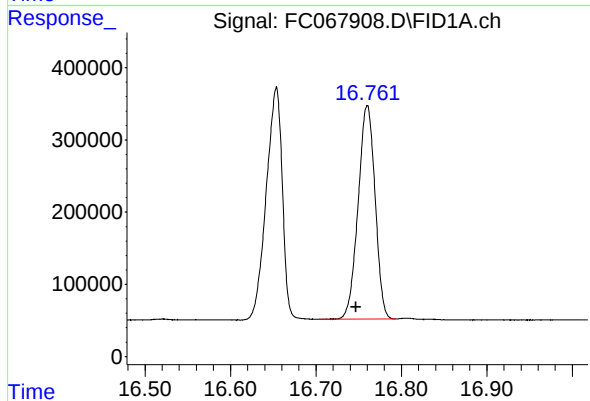
#14 n-Tetracosane (C24)

R.T.: 14.766 min  
Delta R.T.: -0.014 min  
Response: 8854373  
Conc: 55.21 ug/ml



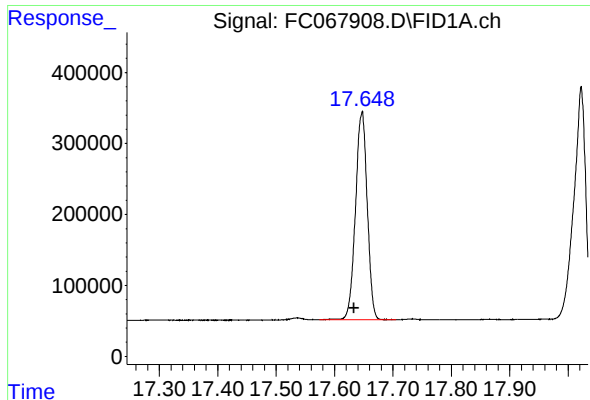
#15 n-Hexacosane (C26)

R.T.: 15.813 min  
Delta R.T.: 0.014 min  
Response: 4222208  
Conc: 27.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min  
Delta R.T.: 0.013 min  
Response: 4083487  
Conc: 27.04 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.647 min  
Delta R.T.: 0.013 min  
Response: 4098204  
Conc: 26.77 ug/ml

Instrument :

FID\_C

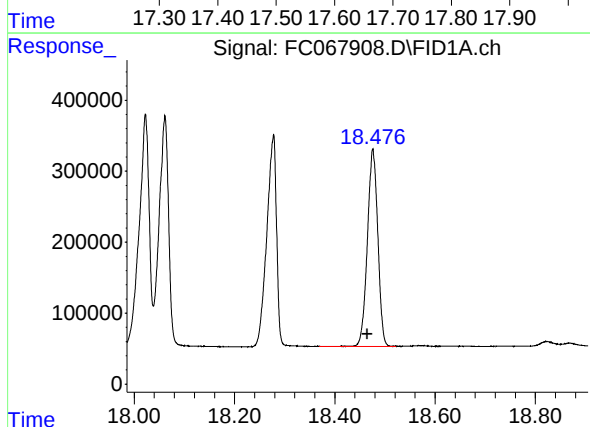
ClientSampleId :

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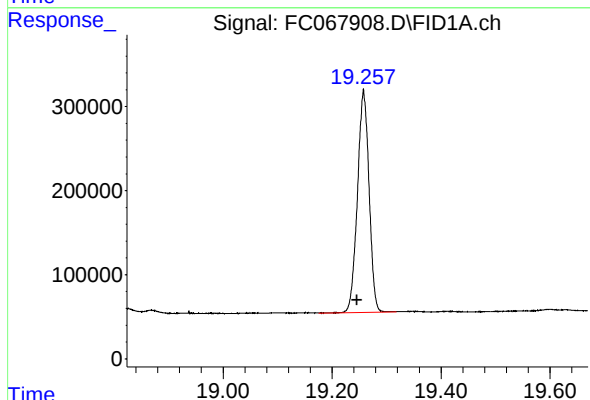
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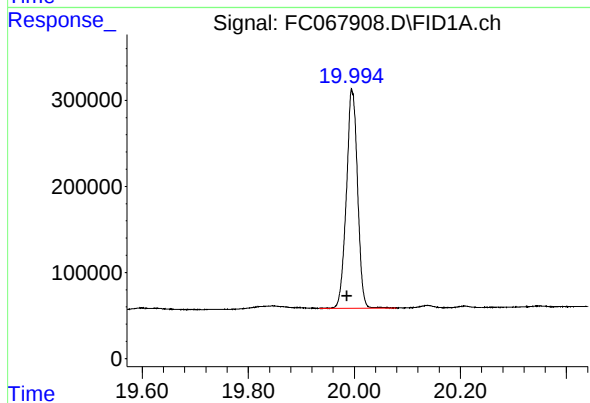
#18 n-Dotriacontane (C32)

R.T.: 18.476 min  
Delta R.T.: 0.011 min  
Response: 4002696  
Conc: 27.10 ug/ml



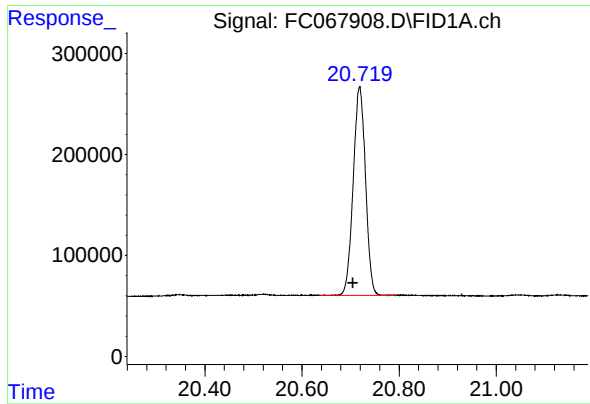
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min  
Delta R.T.: 0.012 min  
Response: 3904480  
Conc: 30.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.996 min  
Delta R.T.: 0.010 min  
Response: 3709730  
Conc: 35.47 ug/ml



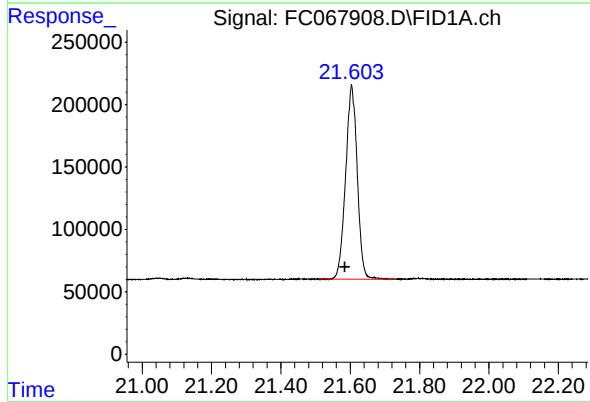
#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: 0.013 min  
Response: 3624782  
Conc: 37.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min  
Delta R.T.: 0.019 min  
Response: 3622111  
Conc: 37.16 ug/ml