

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F121924AL\  
 Data File : FC068050.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Dec 2024 17:08  
 Operator : YP/AJ  
 Sample : P5330-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

TP-5MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/20/2024

Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e

Quant Time: Dec 20 08:13:31 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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)    | 11.430 | 5594366    | 32.353 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 64.71%        |
| 12) S 1-chlorooctadecane (S... | 12.872 | 4556377    | 35.710 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 71.42%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.222  | 3913420    | 25.188 ug/ml  |
| 2) T n-Decane (C10)            | 4.282  | 4382394    | 27.645 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 5.853  | 5188823    | 29.722 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.294  | 4702522    | 29.206 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.907  | 5015000    | 29.931 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.087  | 5164800    | 32.484 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.684  | 5374647    | 33.269 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.123 | 5359975    | 33.387 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.474 | 5279847    | 35.099 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.041 | 5133935    | 35.136 ug/ml  |
| 13) T n-Docosane (C22)         | 13.626 | 5044009    | 35.237 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.689 | 9727620    | 70.009 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.748 | 4827881    | 36.101 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.697 | 4713894    | 36.341 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.584 | 4924317    | 38.013 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.414 | 4741510    | 38.273 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.198 | 4698051    | 43.043 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.935 | 4485950    | 47.416 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.652 | 4325148    | 47.812 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.517 | 4245102    | 48.164 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121924AL\  
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Acq On : 19 Dec 2024 17:08  
Operator : YP/AJ  
Sample : P5330-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

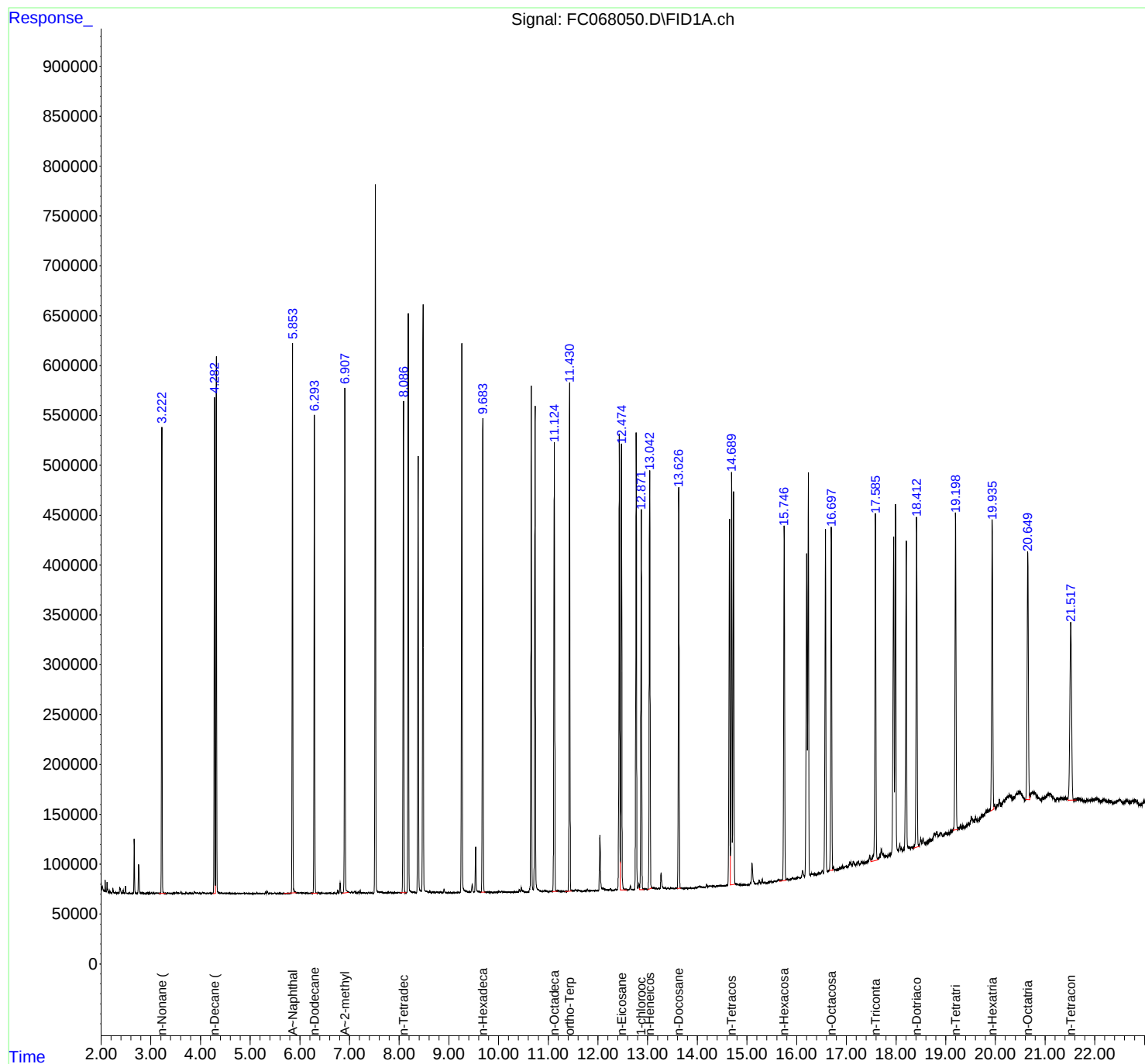
Instrument :  
FID\_C  
ClientSampleId :  
TP-5MS

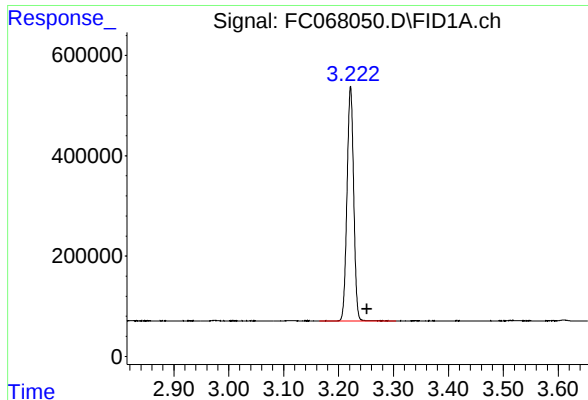
Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e  
Quant Time: Dec 20 08:13:31 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121024.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 10 07:59:10 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





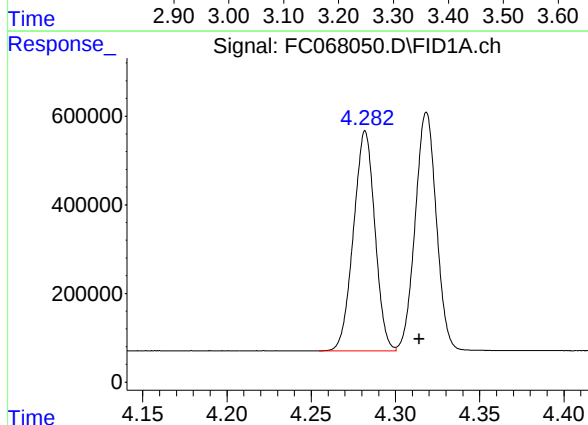
#1 n-Nonane (C9)

R.T.: 3.222 min  
Delta R.T.: -0.030 min  
Response: 3913420  
Conc: 25.19 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
TP-5MS

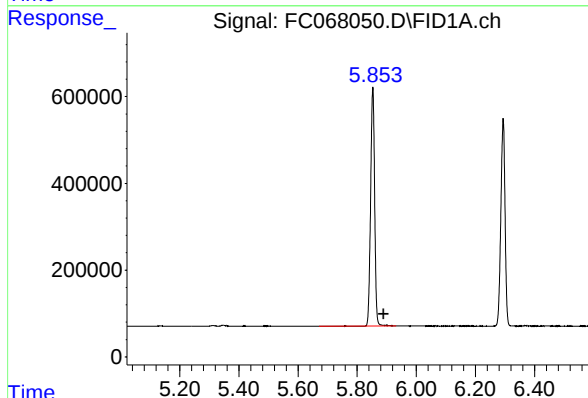
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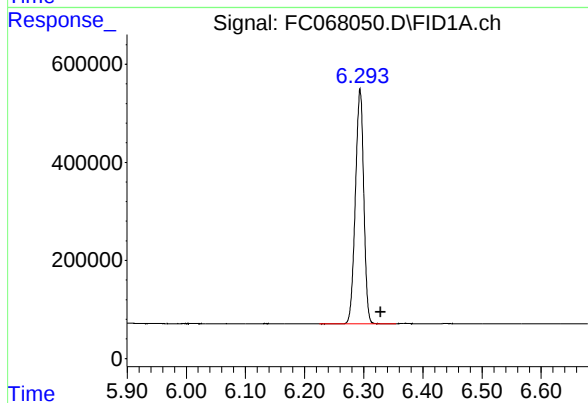
#2 n-Decane (C10)

R.T.: 4.282 min  
Delta R.T.: -0.033 min  
Response: 4382394  
Conc: 27.64 ug/ml



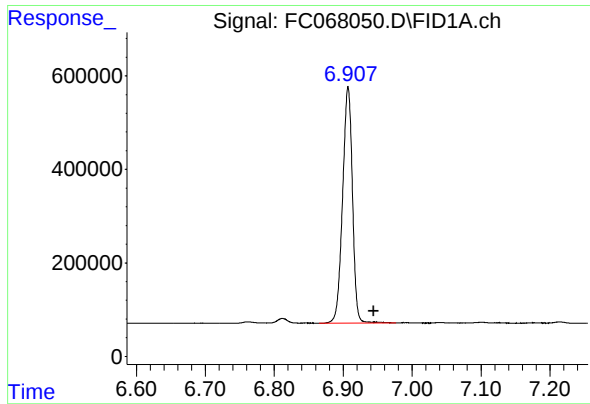
#3 A~Naphthalene (C11.7)

R.T.: 5.853 min  
Delta R.T.: -0.037 min  
Response: 5188823  
Conc: 29.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.294 min  
Delta R.T.: -0.035 min  
Response: 4702522  
Conc: 29.21 ug/ml



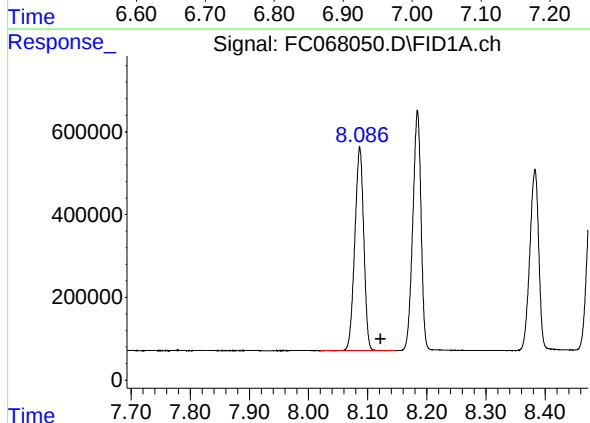
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.907 min  
Delta R.T.: -0.037 min  
Response: 5015000  
Conc: 29.93 ug/ml

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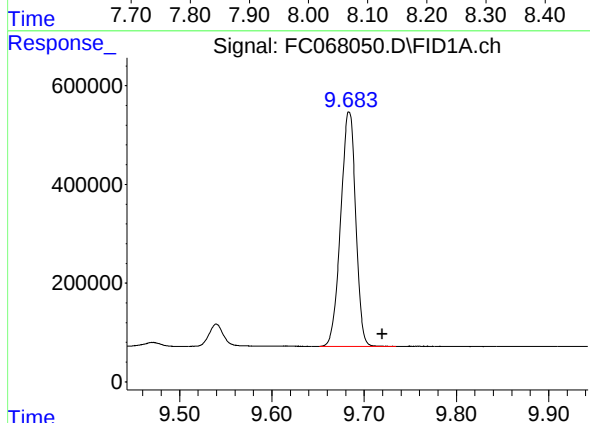
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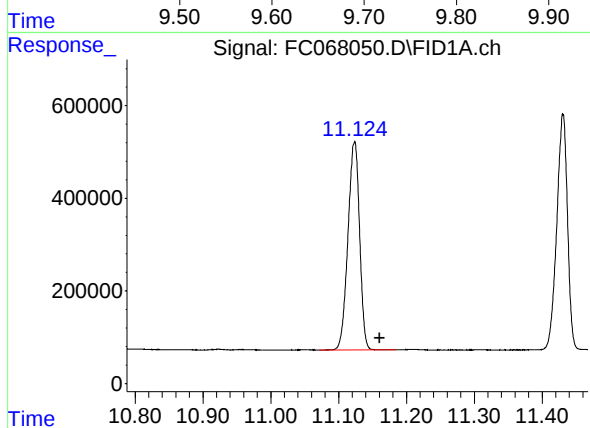
#6 n-Tetradecane (C14)

R.T.: 8.087 min  
Delta R.T.: -0.035 min  
Response: 5164800  
Conc: 32.48 ug/ml



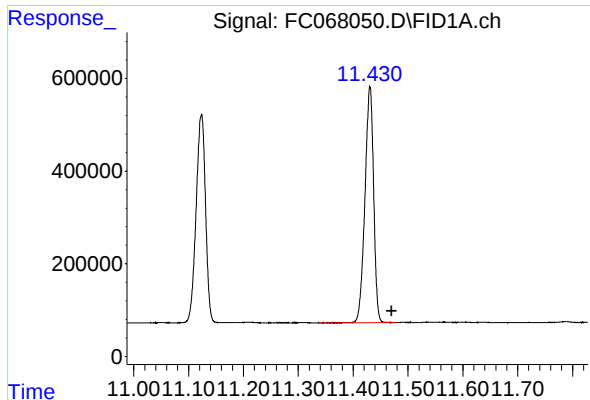
#7 n-Hexadecane (C16)

R.T.: 9.684 min  
Delta R.T.: -0.036 min  
Response: 5374647  
Conc: 33.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.123 min  
Delta R.T.: -0.037 min  
Response: 5359975  
Conc: 33.39 ug/ml



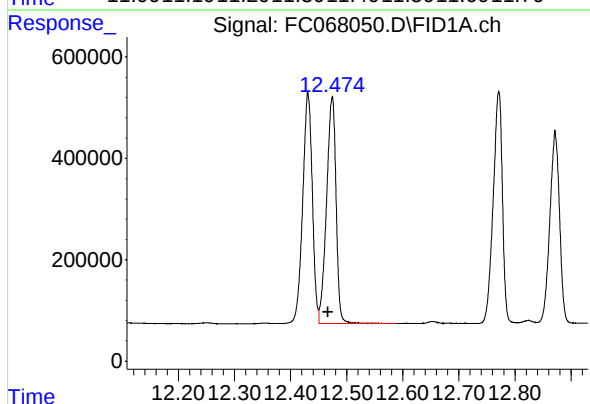
#9 ortho-Terphenyl (SURR)

R.T.: 11.430 min  
Delta R.T.: -0.040 min  
Response: 5594366  
Conc: 32.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
TP-5MS

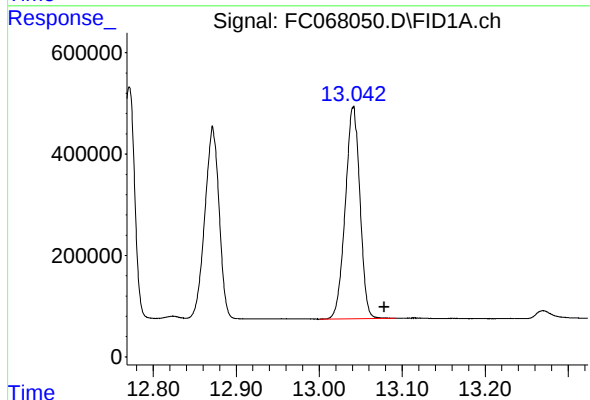
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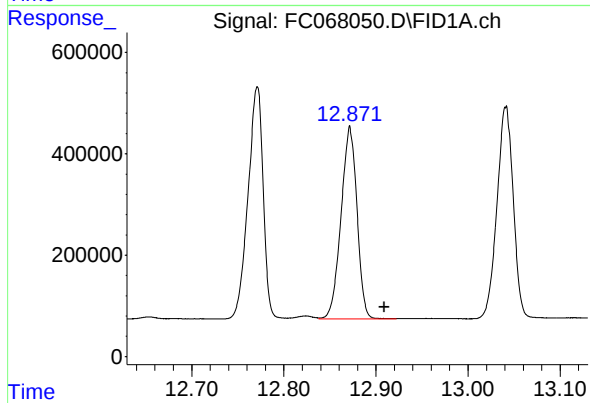
#10 n-Eicosane (C20)

R.T.: 12.474 min  
Delta R.T.: 0.007 min  
Response: 5279847  
Conc: 35.10 ug/ml



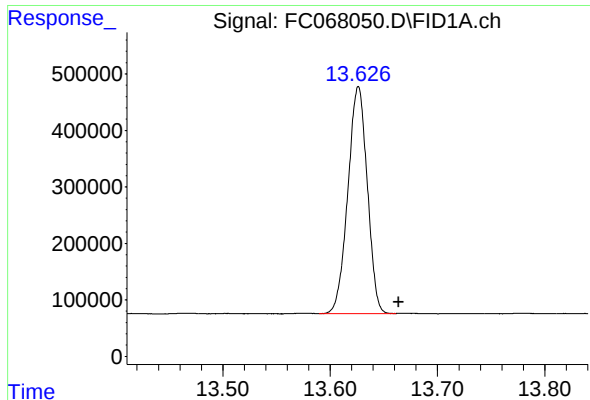
#11 n-Heneicosane (C21)

R.T.: 13.041 min  
Delta R.T.: -0.037 min  
Response: 5133935  
Conc: 35.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.872 min  
Delta R.T.: -0.038 min  
Response: 4556377  
Conc: 35.71 ug/ml



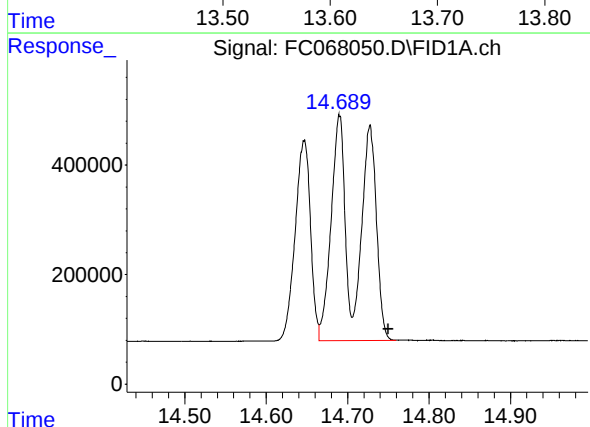
#13 n-Docosane (C22)

R.T.: 13.626 min  
Delta R.T.: -0.038 min  
Response: 5044009  
Conc: 35.24 ug/ml

Instrument :  
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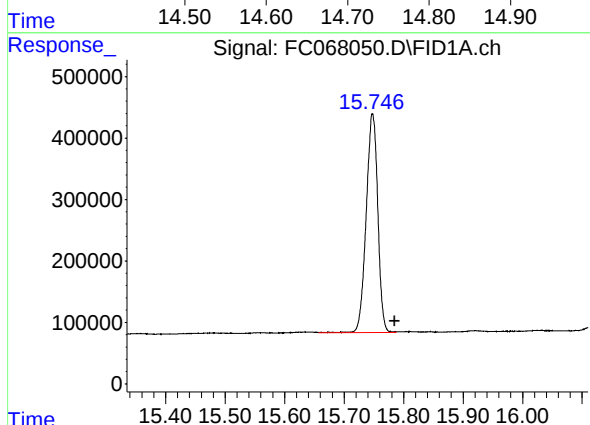
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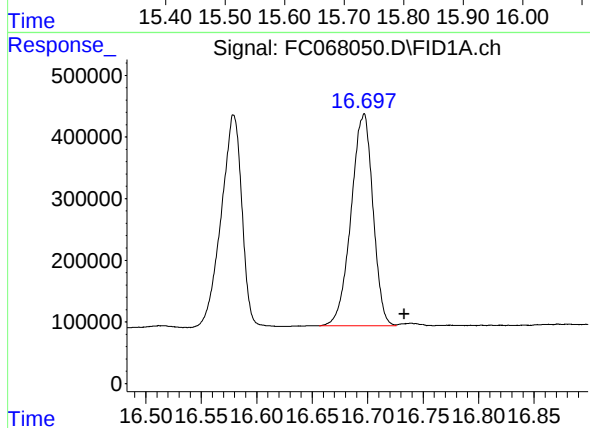
#14 n-Tetracosane (C24)

R.T.: 14.689 min  
Delta R.T.: -0.061 min  
Response: 9727620  
Conc: 70.01 ug/ml m



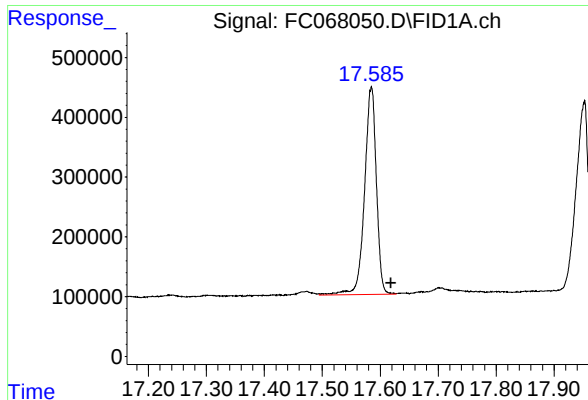
#15 n-Hexacosane (C26)

R.T.: 15.748 min  
Delta R.T.: -0.037 min  
Response: 4827881  
Conc: 36.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.697 min  
Delta R.T.: -0.036 min  
Response: 4713894  
Conc: 36.34 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.584 min  
Delta R.T.: -0.034 min  
Response: 4924317  
Conc: 38.01 ug/ml

Instrument :

FID\_C

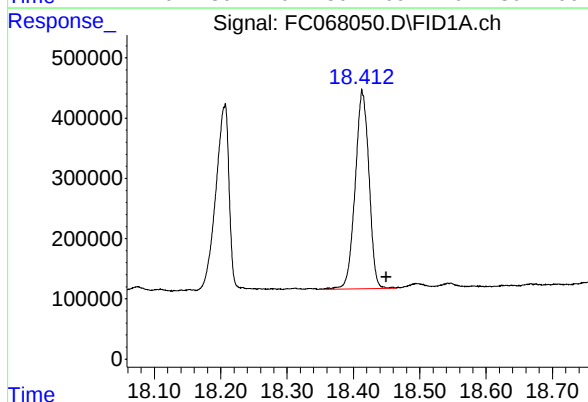
ClientSampleId :

TP-5MS

Manual Integrations

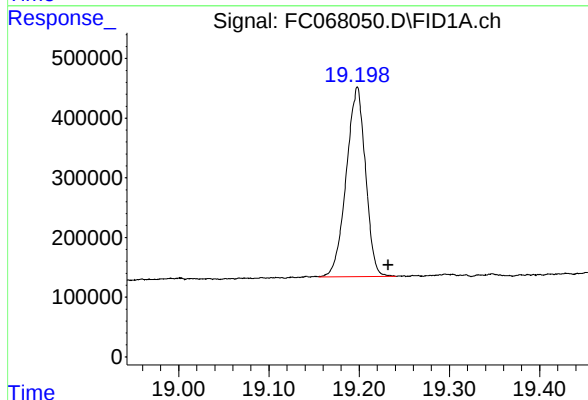
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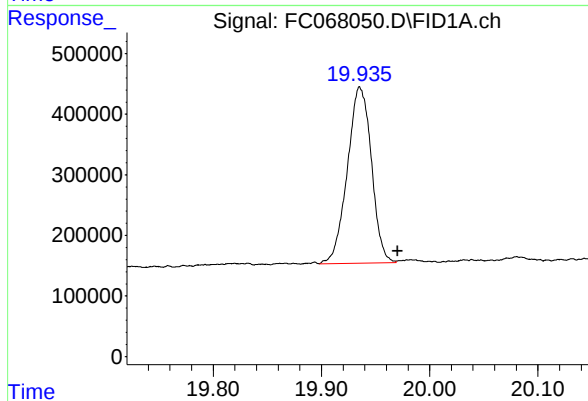
#18 n-Dotriacontane (C32)

R.T.: 18.414 min  
Delta R.T.: -0.036 min  
Response: 4741510  
Conc: 38.27 ug/ml



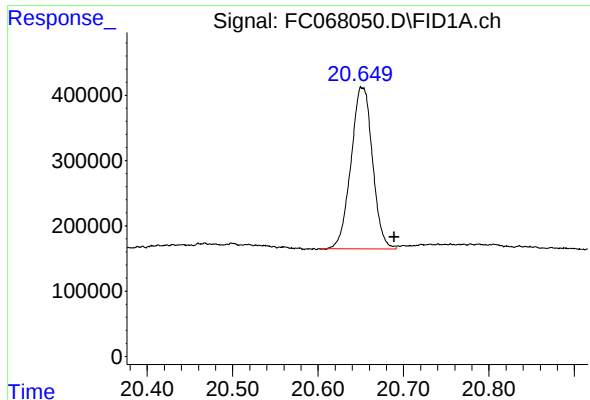
#19 n-Tetatriacontane (C34)

R.T.: 19.198 min  
Delta R.T.: -0.035 min  
Response: 4698051  
Conc: 43.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.935 min  
Delta R.T.: -0.035 min  
Response: 4485950  
Conc: 47.42 ug/ml m



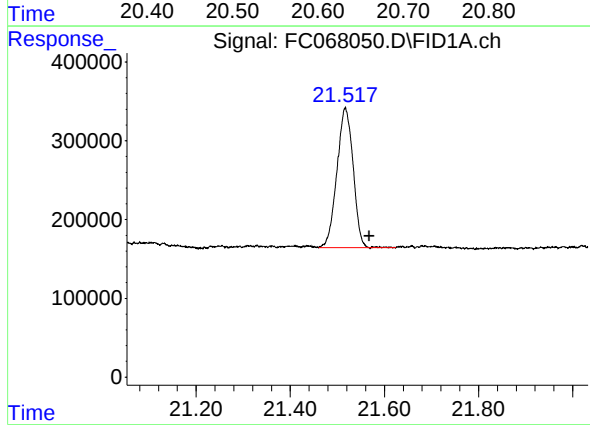
#21 n-Octatriacontane (C38)

R.T.: 20.652 min  
Delta R.T.: -0.037 min  
Response: 4325148  
Conc: 47.81 ug/ml

Instrument :  
FID\_C  
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#22 n-Tetracontane (C40)

R.T.: 21.517 min  
Delta R.T.: -0.051 min  
Response: 4245102  
Conc: 48.16 ug/ml