

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011122AL\  
 Data File : FC057830.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Jan 2022 17:26  
 Operator : AJ\MA  
 Sample : PB141953BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB141953BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022  
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: autoint1.e  
 Quant Time: Jan 11 23:57:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 12:13:43 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 10.708 | 8625336    | 44.607 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 89.21%        |
| 12) S 1-chlorooctadecane (S... | 12.144 | 6600664    | 44.785 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 89.57%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.663  | 8753936    | 54.742 ug/ml  |
| 2) T n-Decane (C10)            | 3.641  | 9144096    | 56.891 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.167  | 10442716   | 57.510 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.599  | 9276734    | 57.520 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.206  | 10066436   | 55.048 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.380  | 9244633    | 55.996 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.970  | 9331736    | 55.865 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.404 | 9115257    | 52.969 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.707 | 9014180    | 52.655 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.315 | 8426192    | 48.728 ug/ml  |
| 13) T n-Docosane (C22)         | 12.898 | 8232281    | 47.584 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.996 | 7882985    | 45.538 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.014 | 7478230    | 44.437 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.958 | 7221972    | 44.132 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.844 | 6927451    | 44.371 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.671 | 6085642    | 43.648 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.451 | 4364004    | 35.112 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.187 | 2558318    | 23.011 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.890 | 1714078    | 16.432 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.713 | 1444063    | 15.081 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA  
Sample : PB141953BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

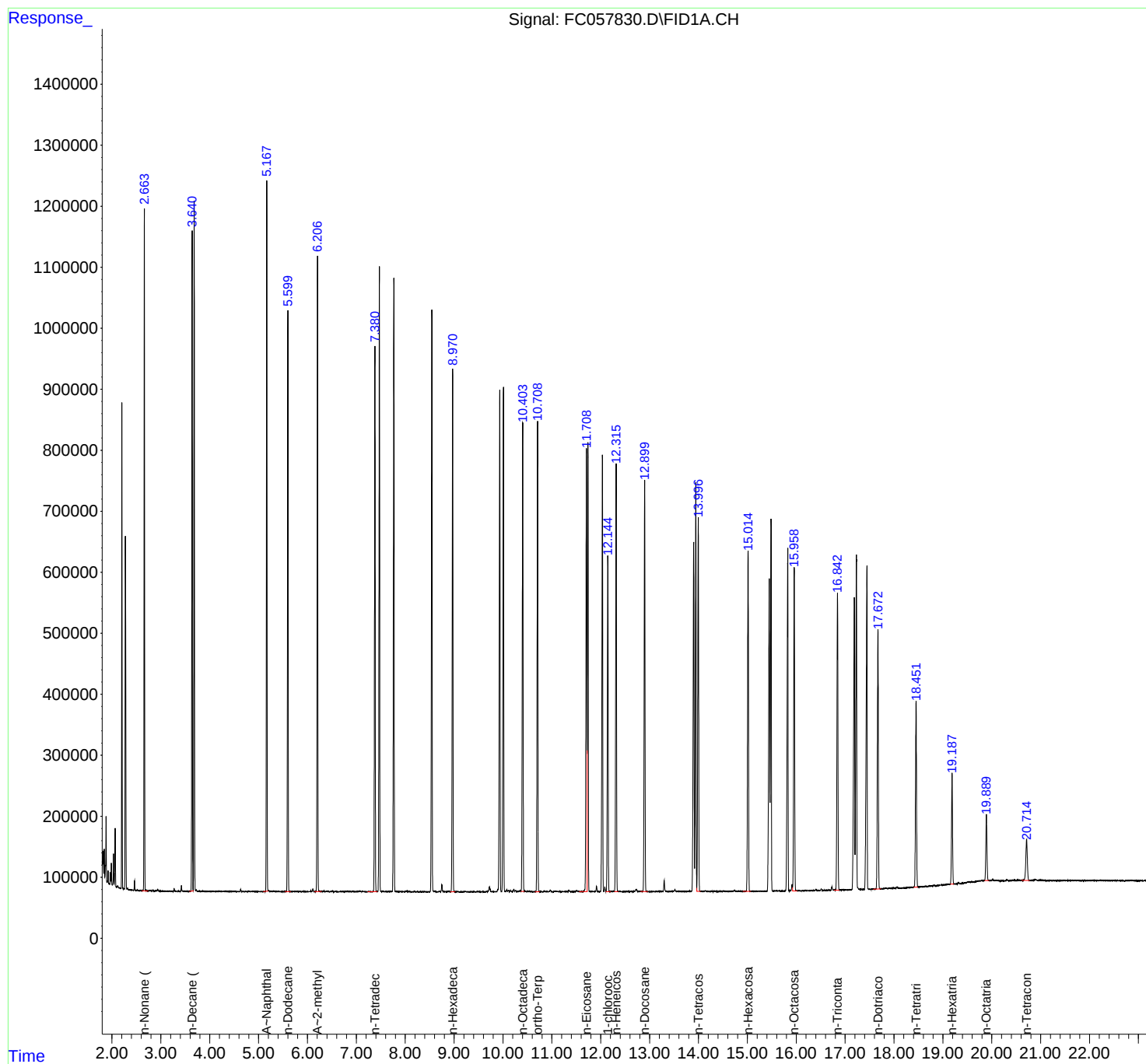
Instrument :  
FID\_C  
ClientSampleId :  
PB141953BSD

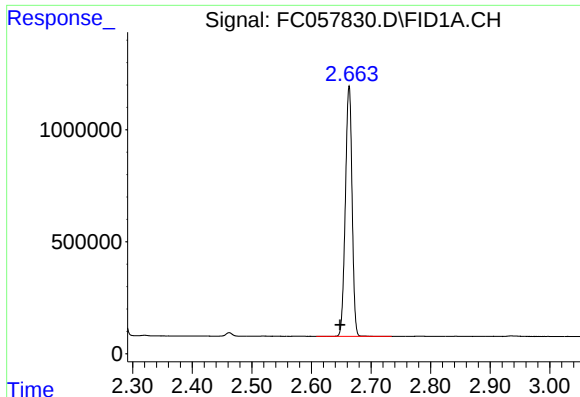
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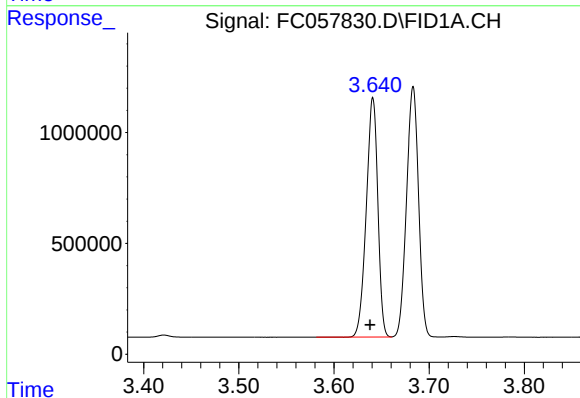
#1 n-Nonane (C9)

R.T.: 2.663 min  
Delta R.T.: 0.015 min  
Response: 8753936  
Conc: 54.74 ug/ml

Instrument :  
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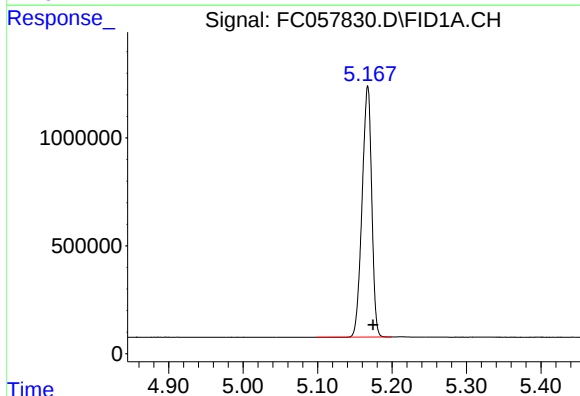
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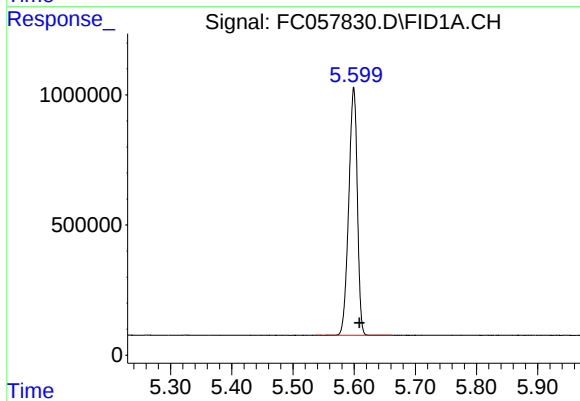
#2 n-Decane (C10)

R.T.: 3.641 min  
Delta R.T.: 0.003 min  
Response: 9144096  
Conc: 56.89 ug/ml



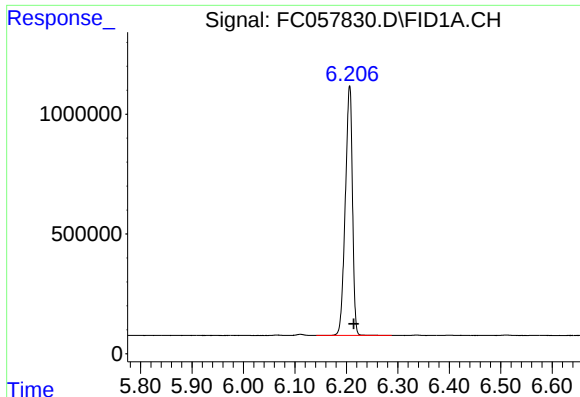
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min  
Delta R.T.: -0.008 min  
Response: 10442716  
Conc: 57.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.599 min  
Delta R.T.: -0.010 min  
Response: 9276734  
Conc: 57.52 ug/ml



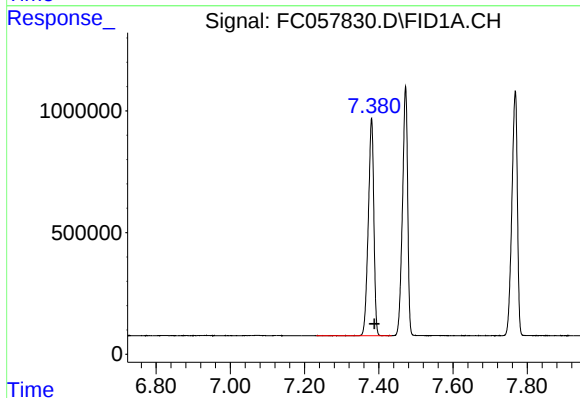
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.206 min  
Delta R.T.: -0.009 min  
Response: 10066436  
Conc: 55.05 ug/ml

Instrument :  
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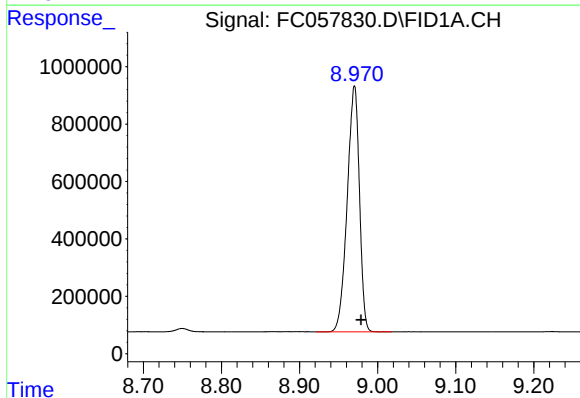
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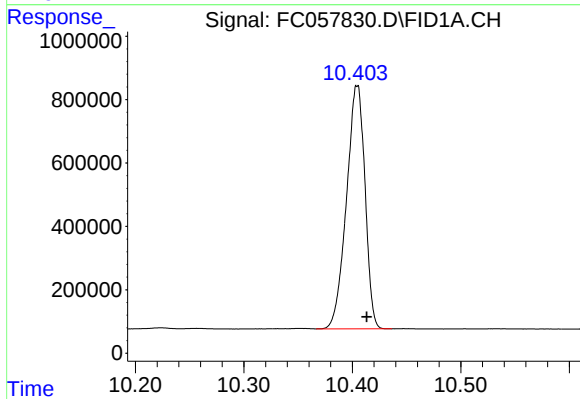
#6 n-Tetradecane (C14)

R.T.: 7.380 min  
Delta R.T.: -0.008 min  
Response: 9244633  
Conc: 56.00 ug/ml



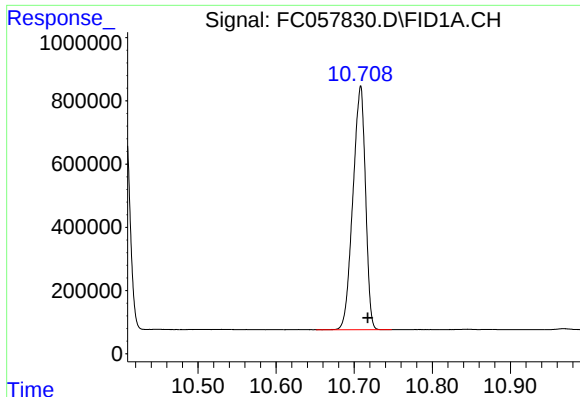
#7 n-Hexadecane (C16)

R.T.: 8.970 min  
Delta R.T.: -0.009 min  
Response: 9331736  
Conc: 55.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.404 min  
Delta R.T.: -0.009 min  
Response: 9115257  
Conc: 52.97 ug/ml



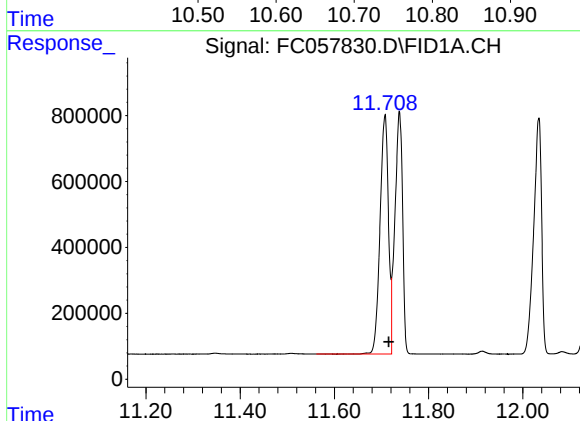
#9 ortho-Terphenyl (SURR)

R.T.: 10.708 min  
Delta R.T.: -0.010 min  
Response: 8625336  
Conc: 44.61 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB141953BSD

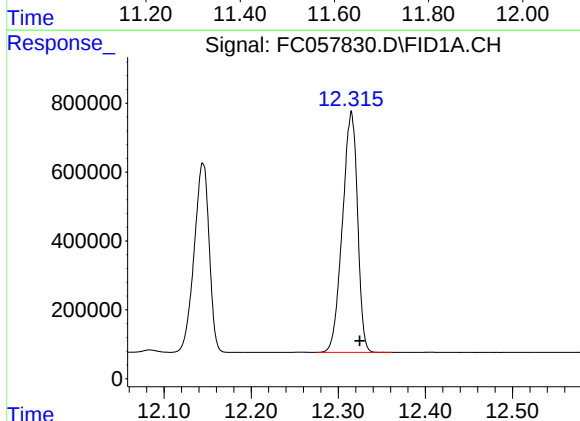
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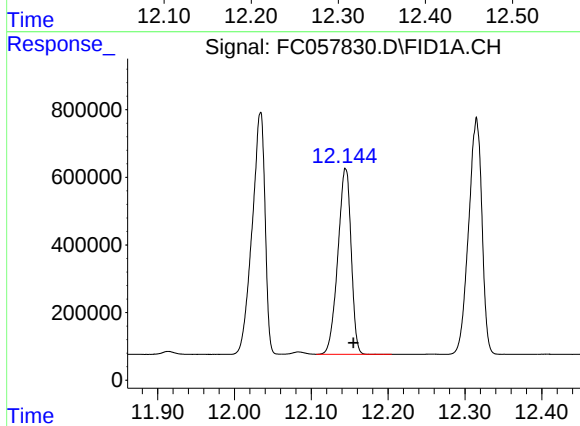
#10 n-Eicosane (C20)

R.T.: 11.707 min  
Delta R.T.: -0.008 min  
Response: 9014180  
Conc: 52.65 ug/ml



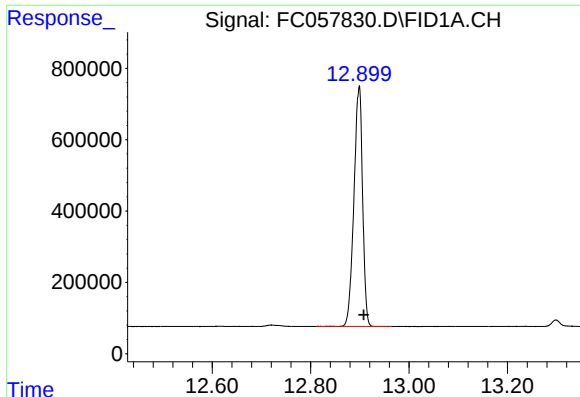
#11 n-Heneicosane (C21)

R.T.: 12.315 min  
Delta R.T.: -0.010 min  
Response: 8426192  
Conc: 48.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.144 min  
Delta R.T.: -0.010 min  
Response: 6600664  
Conc: 44.78 ug/ml



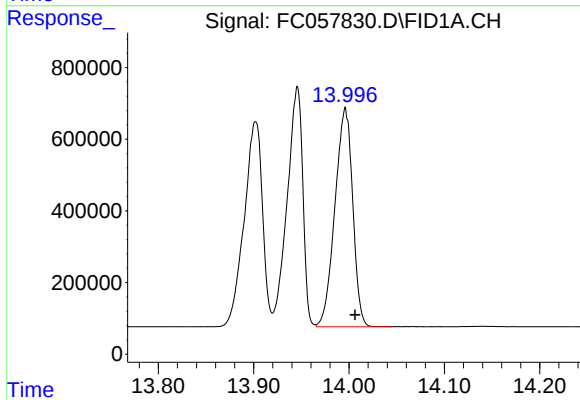
#13 n-Docosane (C22)

R.T.: 12.898 min  
Delta R.T.: -0.010 min  
Response: 8232281  
Conc: 47.58 ug/ml

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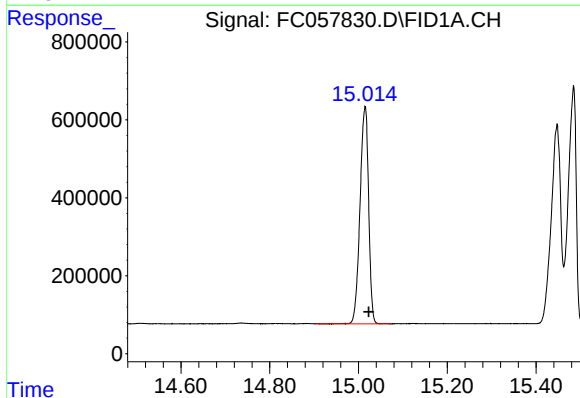
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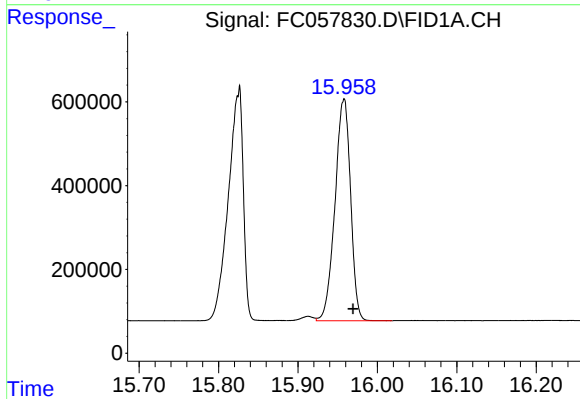
#14 n-Tetracosane (C24)

R.T.: 13.996 min  
Delta R.T.: -0.011 min  
Response: 7882985  
Conc: 45.54 ug/ml



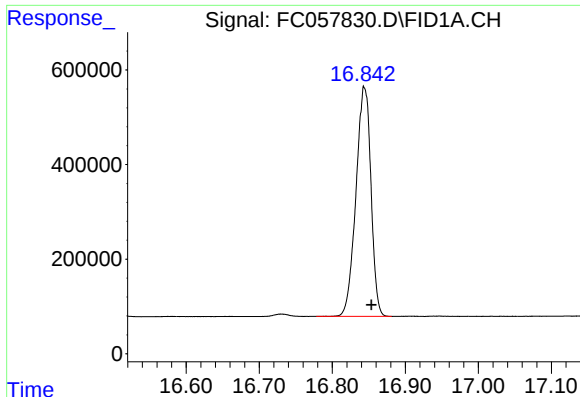
#15 n-Hexacosane (C26)

R.T.: 15.014 min  
Delta R.T.: -0.009 min  
Response: 7478230  
Conc: 44.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.958 min  
Delta R.T.: -0.012 min  
Response: 7221972  
Conc: 44.13 ug/ml



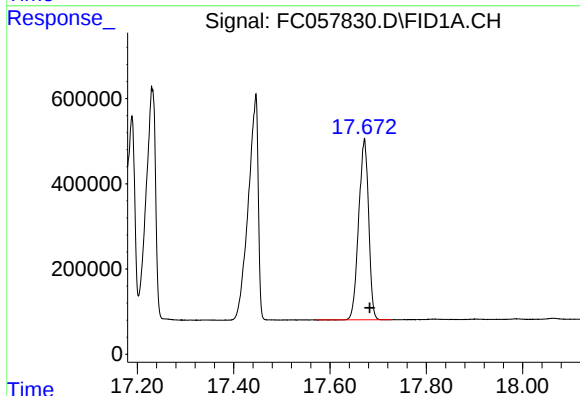
#17 n-Tricontane (C30)

R.T.: 16.844 min  
Delta R.T.: -0.009 min  
Response: 6927451  
Conc: 44.37 ug/ml

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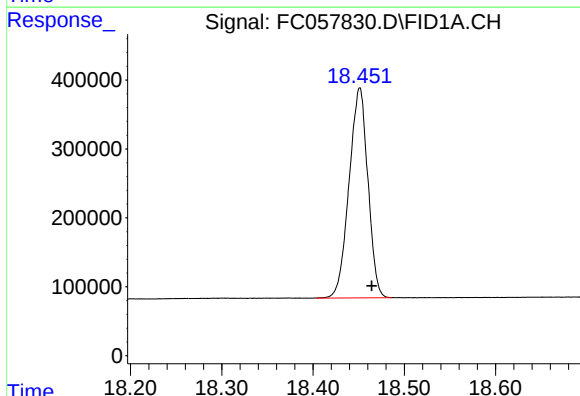
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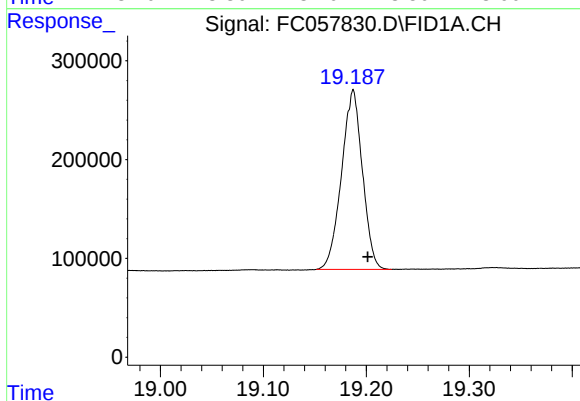
#18 n-Dotriacontane (C32)

R.T.: 17.671 min  
Delta R.T.: -0.012 min  
Response: 6085642  
Conc: 43.65 ug/ml



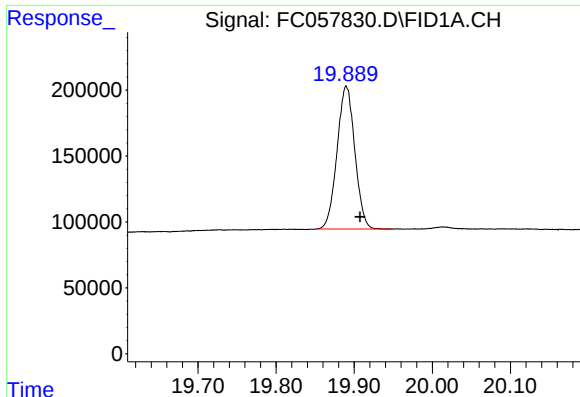
#19 n-Tetratriacontane (C34)

R.T.: 18.451 min  
Delta R.T.: -0.013 min  
Response: 4364004  
Conc: 35.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.187 min  
Delta R.T.: -0.014 min  
Response: 2558318  
Conc: 23.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.890 min  
Delta R.T.: -0.018 min  
Response: 1714078  
Conc: 16.43 ug/ml

Instrument :

FID\_C

ClientSampleId :

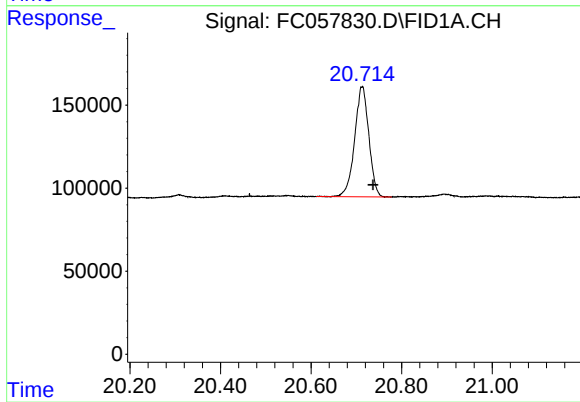
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#22 n-Tetracontane (C40)

R.T.: 20.713 min  
Delta R.T.: -0.024 min  
Response: 1444063  
Conc: 15.08 ug/ml