

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051222AL\  
 Data File : FD042435.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 May 2022 5:36  
 Operator : UA/NP  
 Sample : PB144779BS  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

## Instrument :

FID\_D

## ClientSampleId :

PB144779BS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e

Quant Time: May 13 06:46:33 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)    | 11.209 | 7106843    | 42.376 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.75%        |
| 12) S 1-chlorooctadecane (S... | 12.646 | 5752414    | 43.593 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 87.19%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.094  | 6004349    | 44.052 ug/ml  |
| 2) T n-Decane (C10)            | 4.132  | 6647033    | 49.600 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.677  | 7803064    | 53.831 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.120  | 7146668    | 50.200 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.721  | 7776919    | 55.807 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.897  | 7347750    | 51.583 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.481  | 7443972    | 51.225 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.912 | 7719740    | 51.508 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.210 | 7353972    | 48.045 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.817 | 7259564    | 47.089 ug/ml  |
| 13) T n-Docosane (C22)         | 13.399 | 7123623    | 46.214 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.493 | 7618533    | 49.262 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.509 | 6632058    | 43.116 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.450 | 6500598    | 42.518 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.334 | 6107660    | 40.718 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.159 | 6070488    | 42.932 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.939 | 5481868    | 42.597 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.673 | 5165734    | 45.650 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.370 | 4934188    | 49.452 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.141 | 4730549    | 52.446 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

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Acq On : 13 May 2022 5:36  
Operator : UA/NP  
Sample : PB144779BS  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

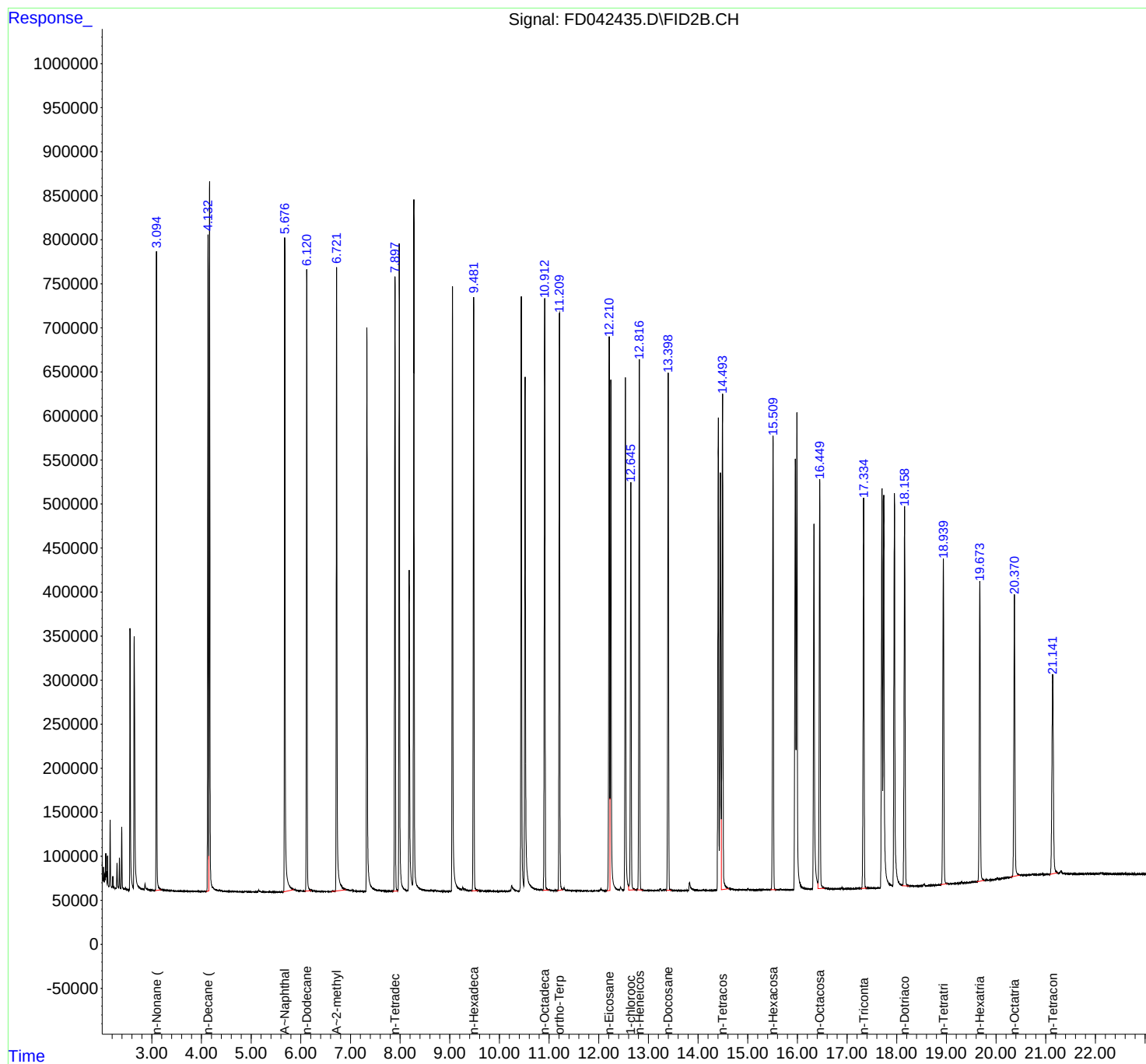
Instrument :  
FID\_D  
ClientSampleId :  
PB144779BS

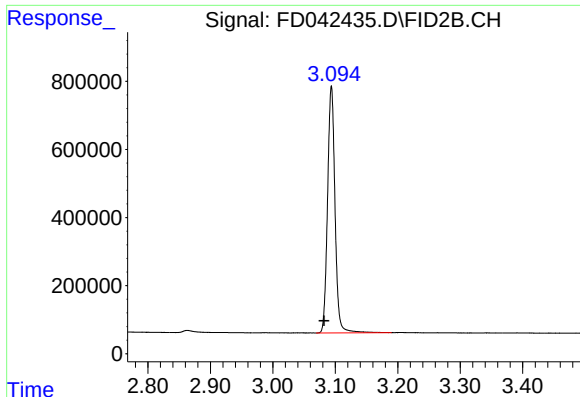
Manual Integrations  
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Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e  
Quant Time: May 13 06:46:33 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 22 01:55:29 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





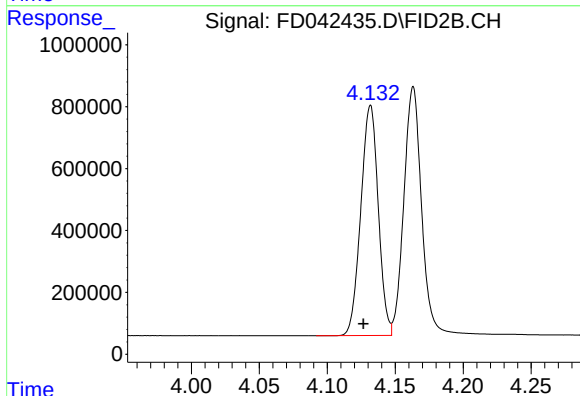
#1 n-Nonane (C9)

R.T.: 3.094 min  
Delta R.T.: 0.012 min  
Response: 6004349  
Conc: 44.05 ug/ml

Instrument :  
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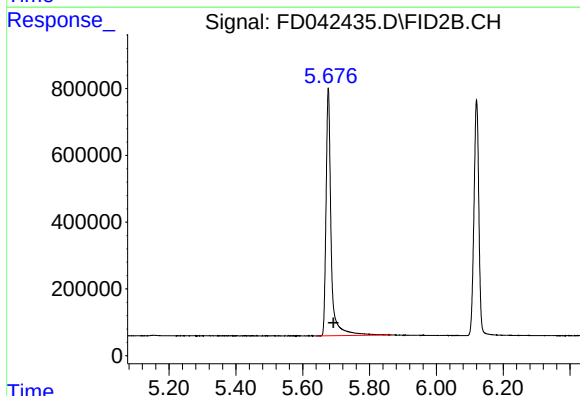
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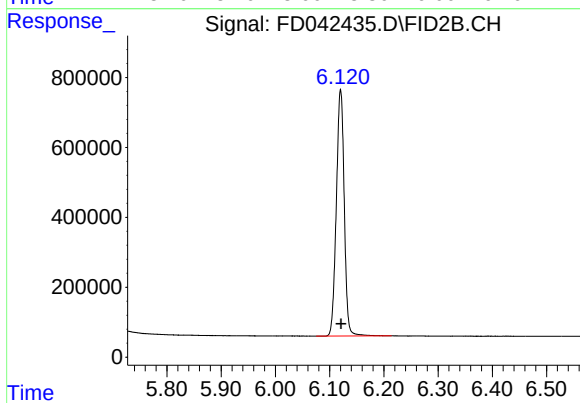
#2 n-Decane (C10)

R.T.: 4.132 min  
Delta R.T.: 0.005 min  
Response: 6647033  
Conc: 49.60 ug/ml



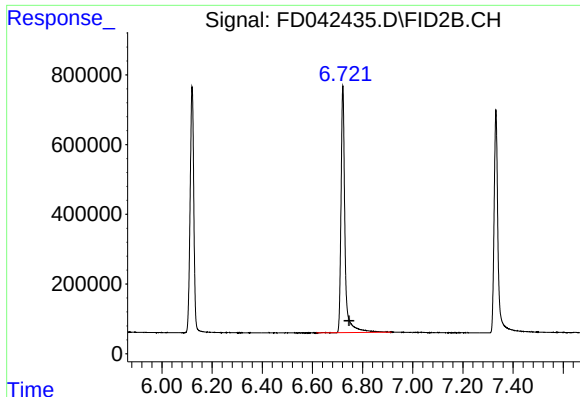
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min  
Delta R.T.: -0.015 min  
Response: 7803064  
Conc: 53.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 7146668  
Conc: 50.20 ug/ml



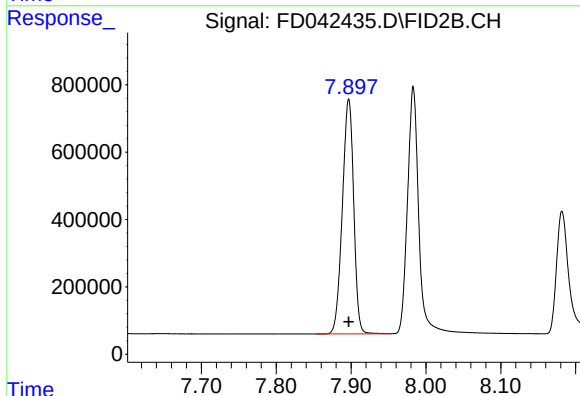
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.721 min  
Delta R.T.: -0.025 min  
Response: 7776919  
Conc: 55.81 ug/ml

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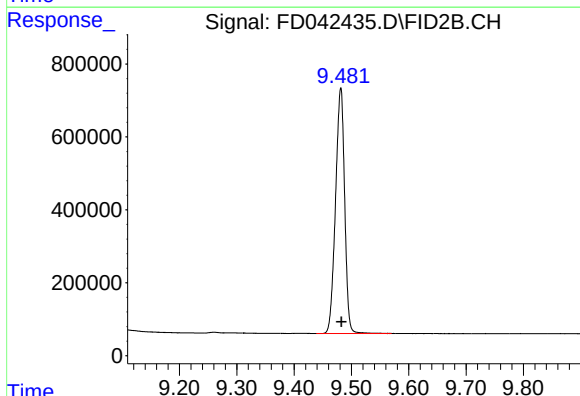
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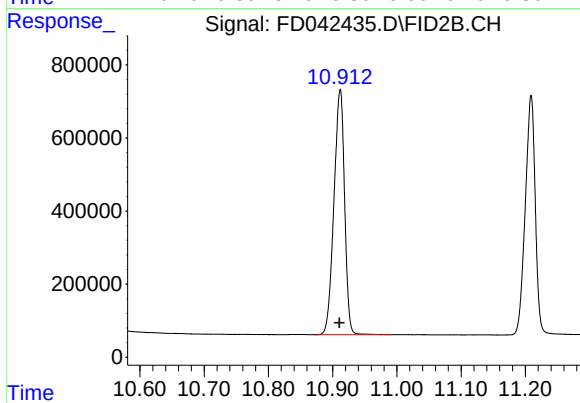
#6 n-Tetradecane (C14)

R.T.: 7.897 min  
Delta R.T.: 0.000 min  
Response: 7347750  
Conc: 51.58 ug/ml



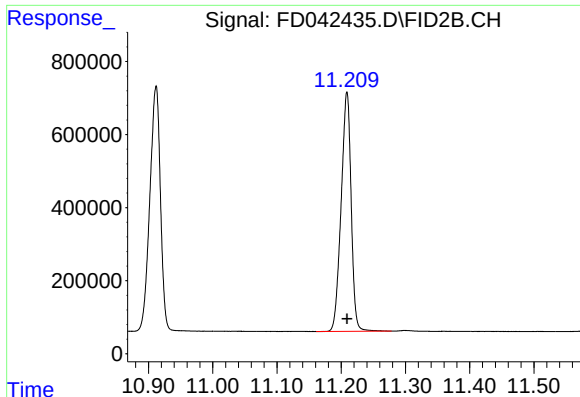
#7 n-Hexadecane (C16)

R.T.: 9.481 min  
Delta R.T.: 0.000 min  
Response: 7443972  
Conc: 51.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.912 min  
Delta R.T.: 0.001 min  
Response: 7719740  
Conc: 51.51 ug/ml



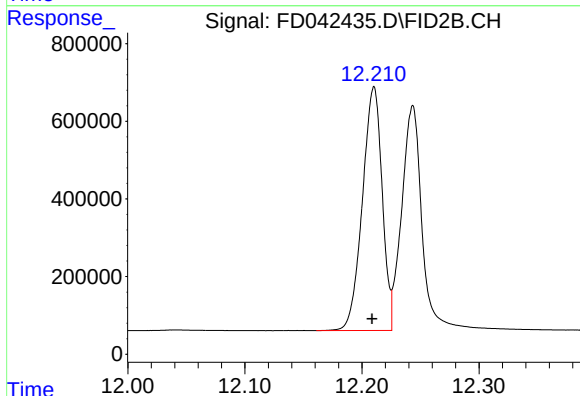
#9 ortho-Terphenyl (SURR)

R.T.: 11.209 min  
Delta R.T.: 0.000 min  
Response: 7106843  
Conc: 42.38 ug/ml

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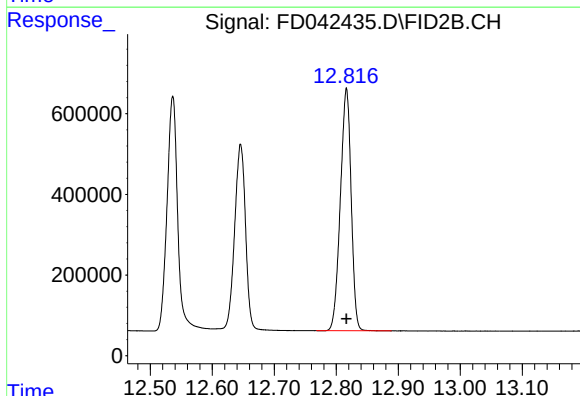
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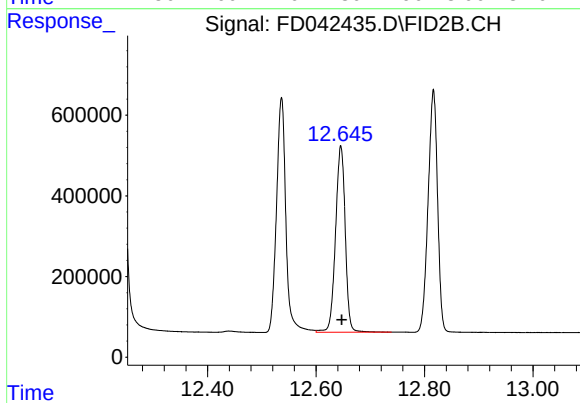
#10 n-Eicosane (C20)

R.T.: 12.210 min  
Delta R.T.: 0.002 min  
Response: 7353972  
Conc: 48.05 ug/ml



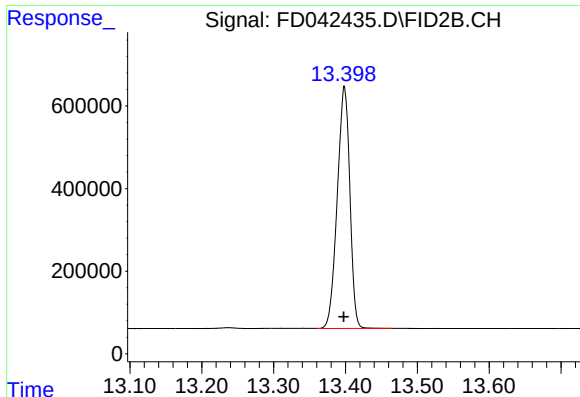
#11 n-Heneicosane (C21)

R.T.: 12.817 min  
Delta R.T.: 0.000 min  
Response: 7259564  
Conc: 47.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min  
Delta R.T.: -0.002 min  
Response: 5752414  
Conc: 43.59 ug/ml



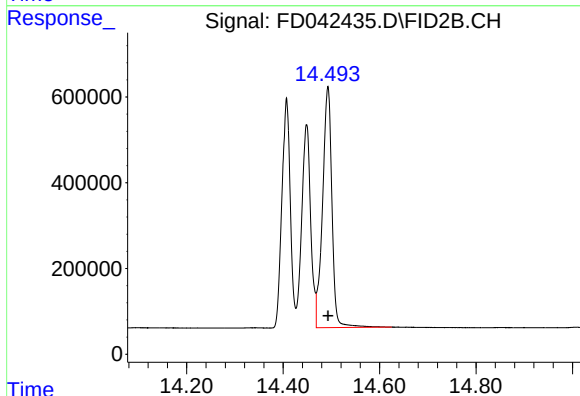
#13 n-Docosane (C22)

R.T.: 13.399 min  
Delta R.T.: 0.001 min  
Response: 7123623  
Conc: 46.21 ug/ml

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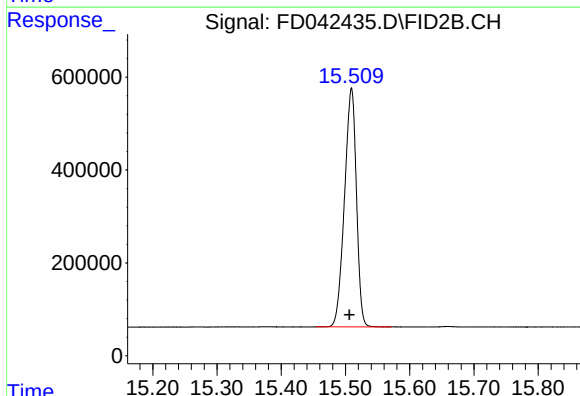
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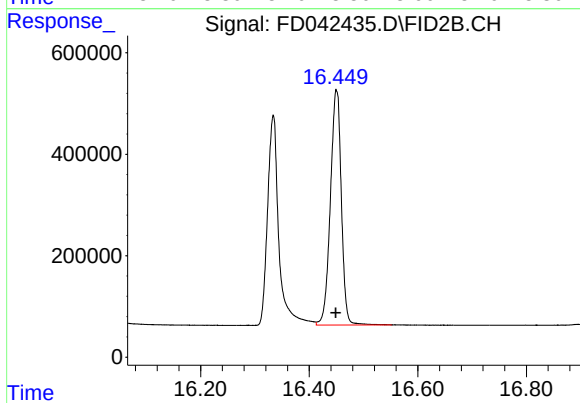
#14 n-Tetracosane (C24)

R.T.: 14.493 min  
Delta R.T.: 0.000 min  
Response: 7618533  
Conc: 49.26 ug/ml



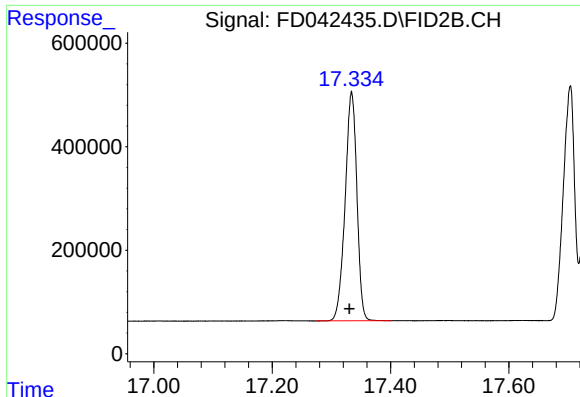
#15 n-Hexacosane (C26)

R.T.: 15.509 min  
Delta R.T.: 0.003 min  
Response: 6632058  
Conc: 43.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.450 min  
Delta R.T.: 0.001 min  
Response: 6500598  
Conc: 42.52 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.334 min  
Delta R.T.: 0.004 min  
Response: 6107660  
Conc: 40.72 ug/ml

Instrument :

FID\_D

ClientSampleId :

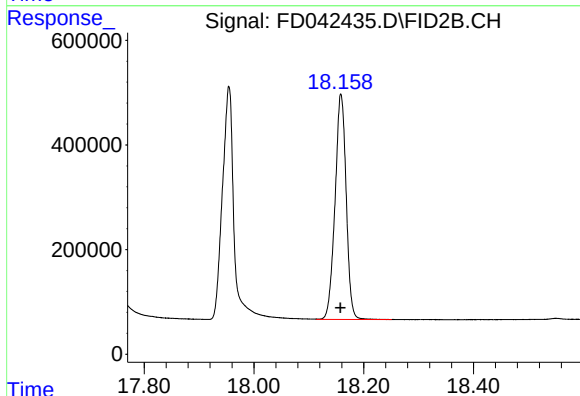
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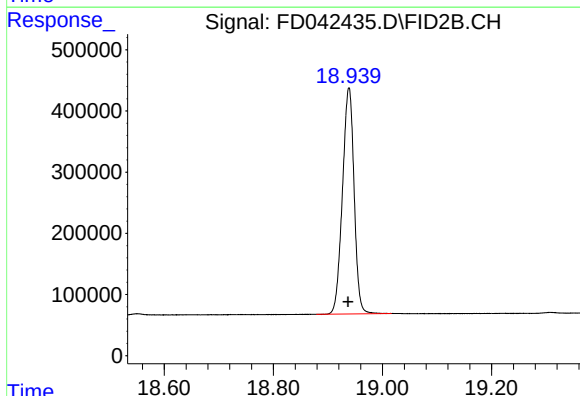
Reviewed By :Yogesh Patel 05/17/2022

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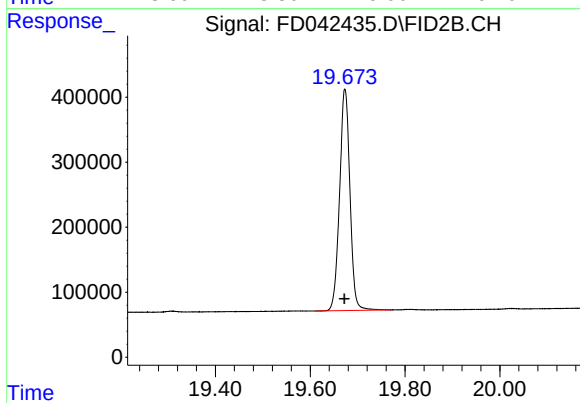
#18 n-Dotriacontane (C32)

R.T.: 18.159 min  
Delta R.T.: 0.001 min  
Response: 6070488  
Conc: 42.93 ug/ml



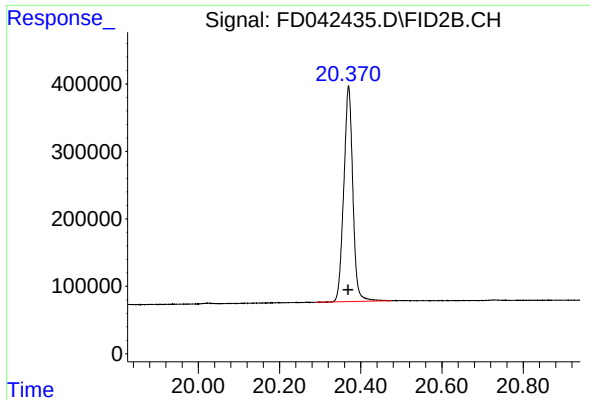
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min  
Delta R.T.: 0.002 min  
Response: 5481868  
Conc: 42.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.673 min  
Delta R.T.: 0.001 min  
Response: 5165734  
Conc: 45.65 ug/ml



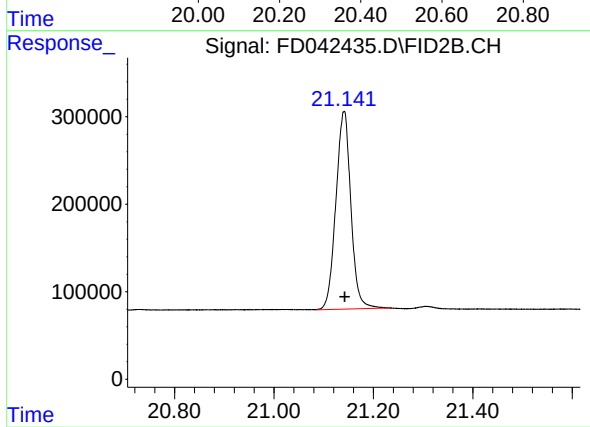
#21 n-Octatriacontane (C38)

R.T.: 20.370 min  
Delta R.T.: 0.002 min  
Response: 4934188  
Conc: 49.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.141 min  
Delta R.T.: 0.000 min  
Response: 4730549  
Conc: 52.45 ug/ml m