

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051622AL\  
 Data File : FD042478.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 May 2022 17:12  
 Operator : UA/NP  
 Sample : N2847-01MSD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

## Instrument :

FID\_D

## ClientSampleId :

PSC-124019MSD

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e

Quant Time: May 16 20:49:48 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)    | 11.206 | 5266263    | 31.401 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 62.80%        |
| 12) S 1-chlorooctadecane (S... | 12.643 | 3844041    | 29.131 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 58.26%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.078  | 3104893    | 22.779 ug/ml  |
| 2) T n-Decane (C10)            | 4.123  | 3926969    | 29.303 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.673  | 4732610    | 32.649 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.117  | 4626573    | 32.498 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.718  | 4952445    | 35.539 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.894  | 4938621    | 34.670 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.479  | 5069057    | 34.882 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.909 | 5342414    | 35.646 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.208 | 5103603    | 33.343 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.816 | 5060308    | 32.824 ug/ml  |
| 13) T n-Docosane (C22)         | 13.398 | 5001218    | 32.445 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.493 | 5307934    | 34.321 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.509 | 4697698    | 30.541 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.452 | 4719767    | 30.870 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.336 | 4299011    | 28.661 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.162 | 4224306    | 29.875 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.940 | 3738606    | 29.051 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.675 | 3434619    | 30.352 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.372 | 3193593    | 32.007 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.140 | 2930597    | 32.490 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

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Acq On : 16 May 2022 17:12  
Operator : UA/NP  
Sample : N2847-01MSD  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

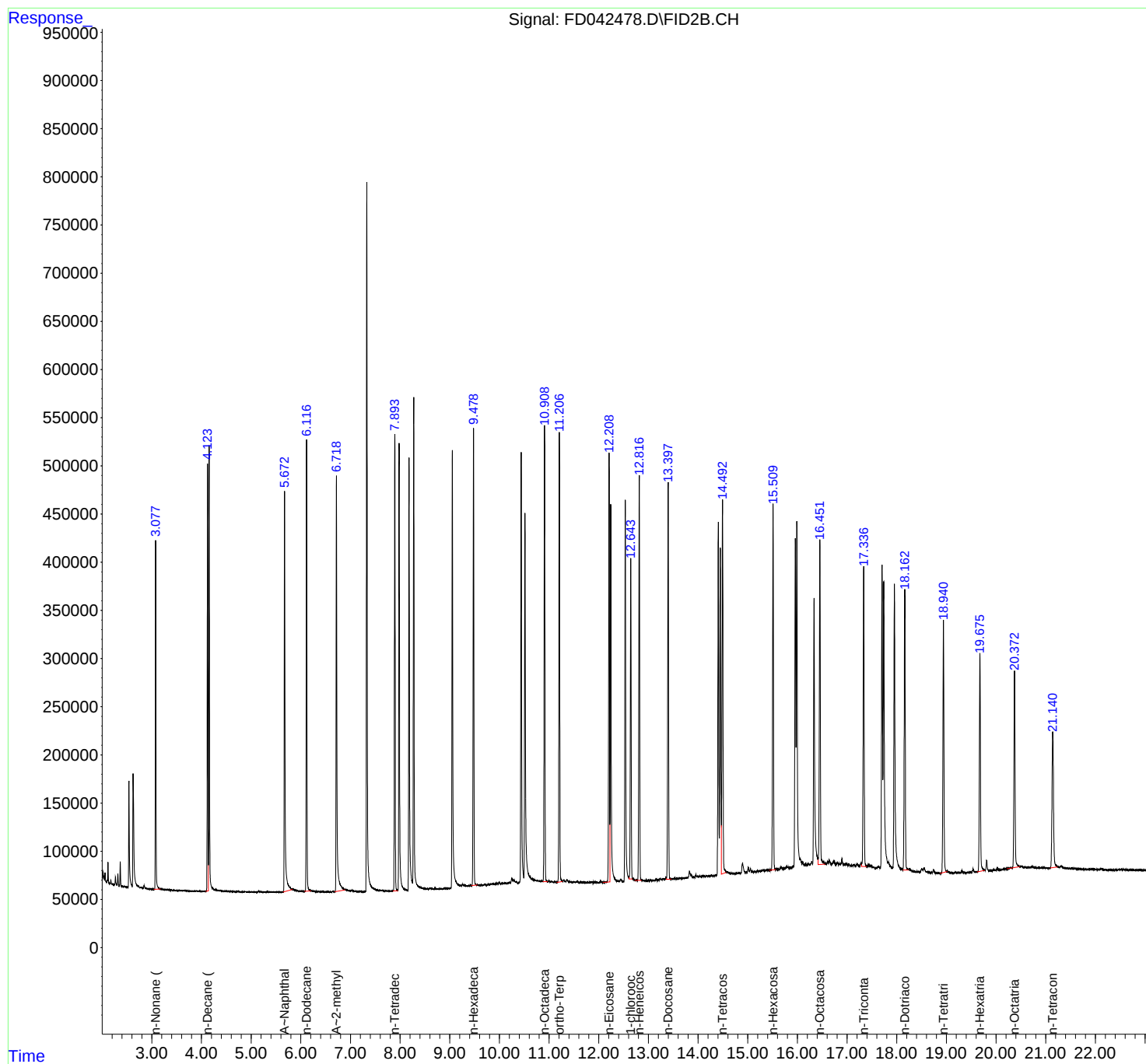
Instrument :  
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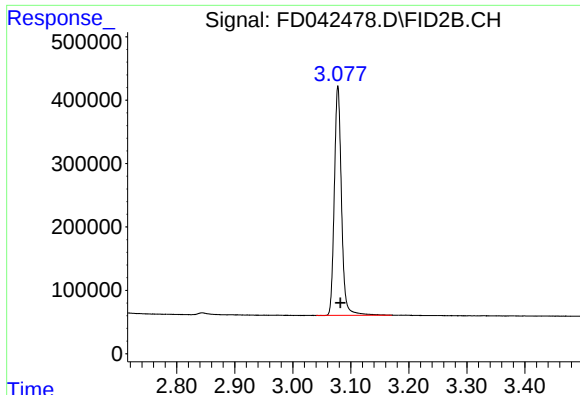
Manual Integrations  
APPROVED

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Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e  
Quant Time: May 16 20:49:48 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.: 3.078 min  
Delta R.T.: -0.004 min  
Response: 3104893  
Conc: 22.78 ug/ml

Instrument :

FID\_D

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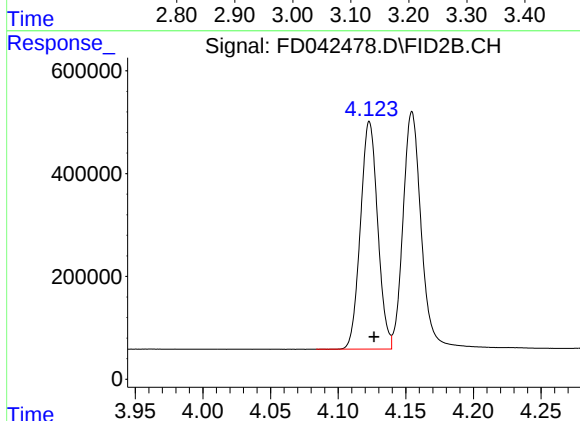
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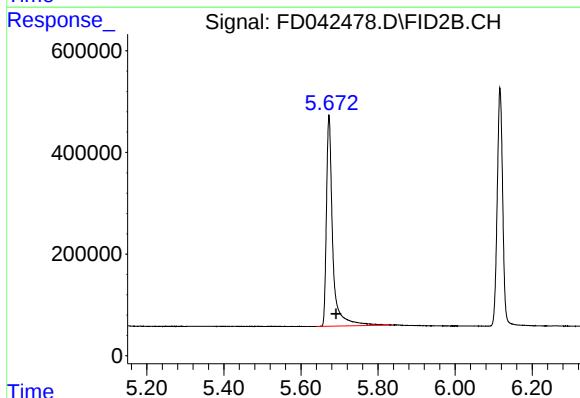
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Supervised By :mohammad ahmed 05/17/2022



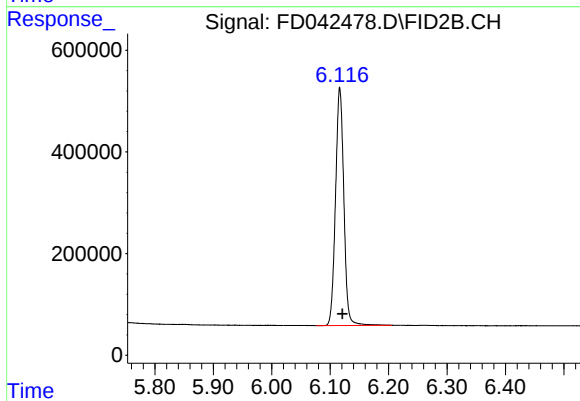
#2 n-Decane (C10)

R.T.: 4.123 min  
Delta R.T.: -0.003 min  
Response: 3926969  
Conc: 29.30 ug/ml



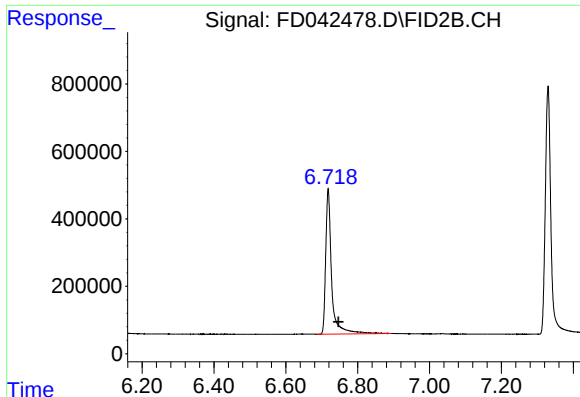
#3 A~Naphthalene (C11.7)

R.T.: 5.673 min  
Delta R.T.: -0.018 min  
Response: 4732610  
Conc: 32.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.117 min  
Delta R.T.: -0.005 min  
Response: 4626573  
Conc: 32.50 ug/ml



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

R.T.: 6.718 min  
Delta R.T.: -0.028 min  
Response: 4952445  
Conc: 35.54 ug/ml

Instrument :

FID\_D

ClientSampleId :

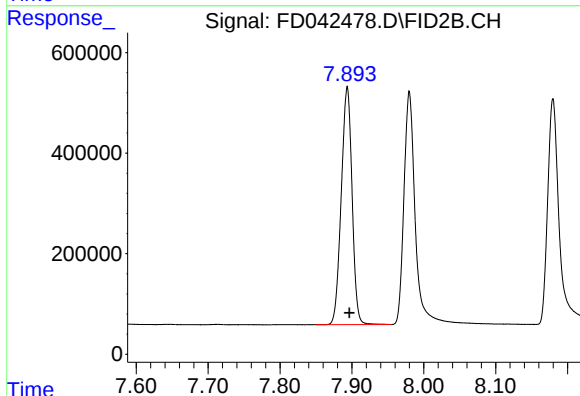
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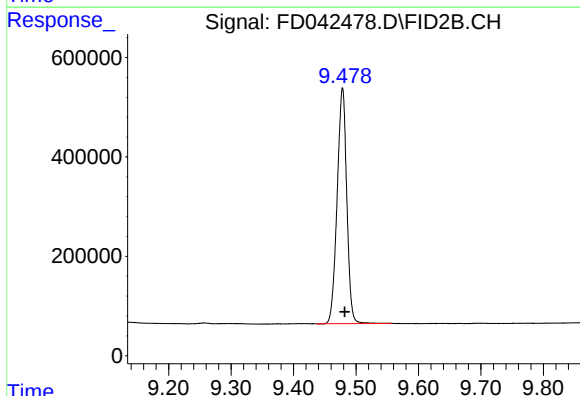
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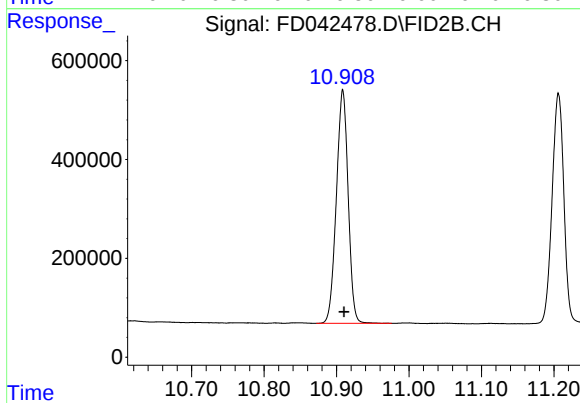
#6 n-Tetradecane (C14)

R.T.: 7.894 min  
Delta R.T.: -0.003 min  
Response: 4938621  
Conc: 34.67 ug/ml



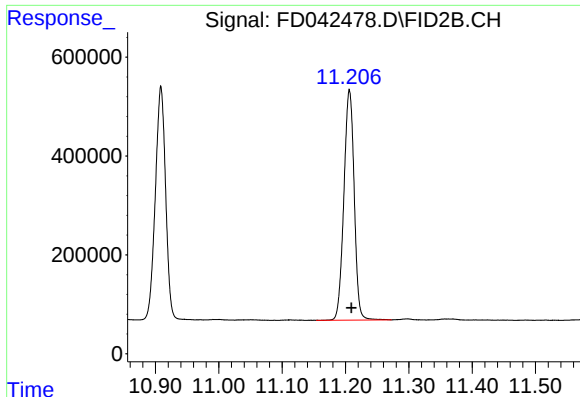
#7 n-Hexadecane (C16)

R.T.: 9.479 min  
Delta R.T.: -0.004 min  
Response: 5069057  
Conc: 34.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.909 min  
Delta R.T.: -0.002 min  
Response: 5342414  
Conc: 35.65 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.206 min  
Delta R.T.: -0.003 min  
Response: 5266263  
Conc: 31.40 ug/ml

Instrument :

FID\_D

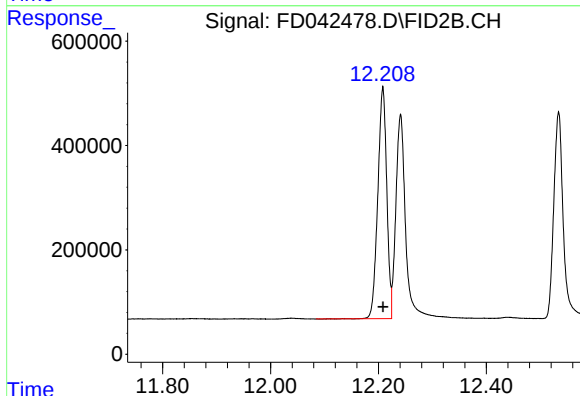
ClientSampleId :

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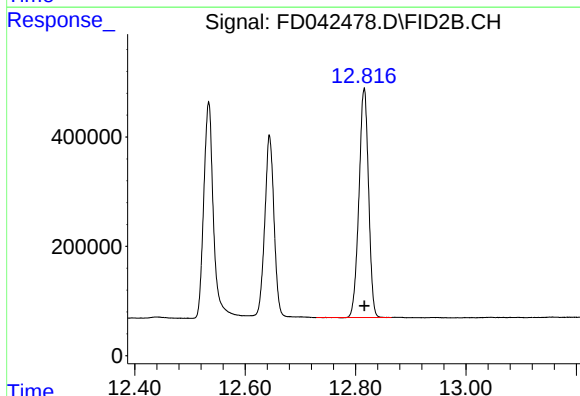
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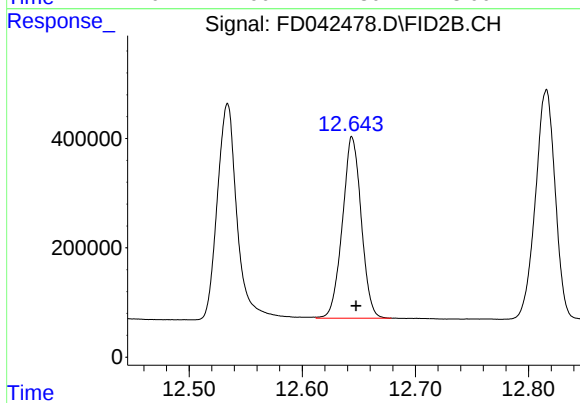
#10 n-Eicosane (C20)

R.T.: 12.208 min  
Delta R.T.: 0.000 min  
Response: 5103603  
Conc: 33.34 ug/ml



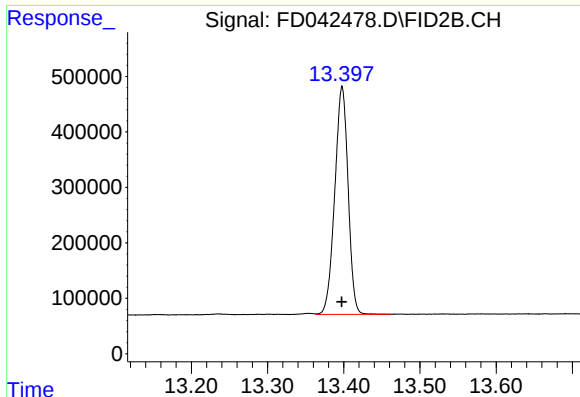
#11 n-Heneicosane (C21)

R.T.: 12.816 min  
Delta R.T.: 0.000 min  
Response: 5060308  
Conc: 32.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min  
Delta R.T.: -0.004 min  
Response: 3844041  
Conc: 29.13 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.398 min  
Delta R.T.: 0.000 min  
Response: 5001218  
Conc: 32.45 ug/ml

Instrument :

FID\_D

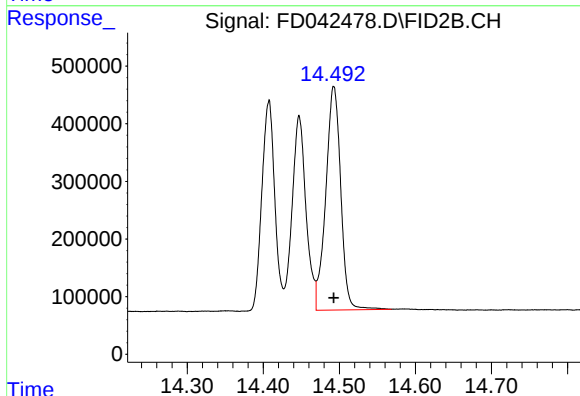
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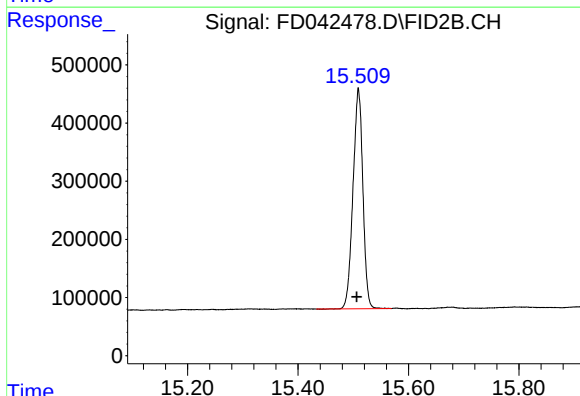
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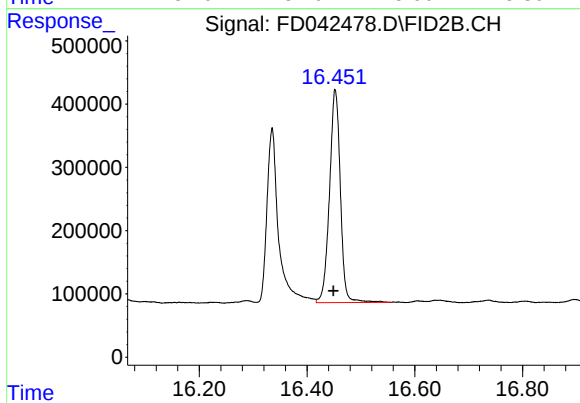
#14 n-Tetracosane (C24)

R.T.: 14.493 min  
Delta R.T.: 0.000 min  
Response: 5307934  
Conc: 34.32 ug/ml



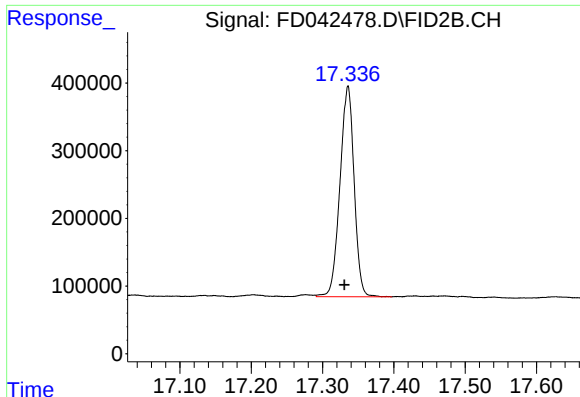
#15 n-Hexacosane (C26)

R.T.: 15.509 min  
Delta R.T.: 0.003 min  
Response: 4697698  
Conc: 30.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.452 min  
Delta R.T.: 0.003 min  
Response: 4719767  
Conc: 30.87 ug/ml



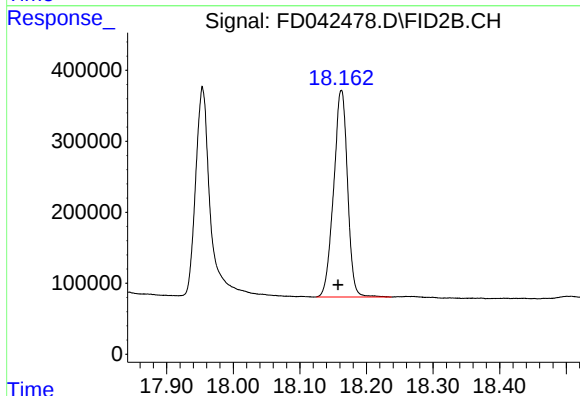
#17 n-Tricontane (C30)

R.T.: 17.336 min  
Delta R.T.: 0.005 min  
Response: 4299011  
Conc: 28.66 ug/ml

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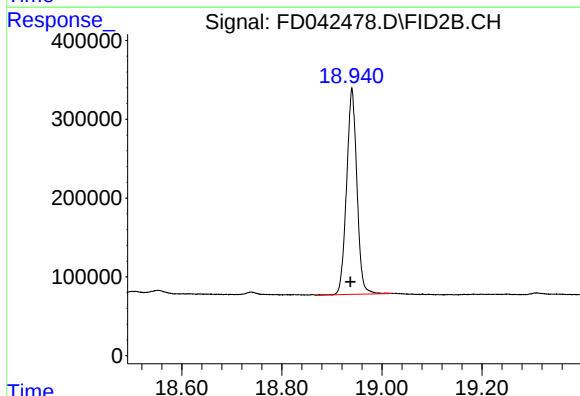
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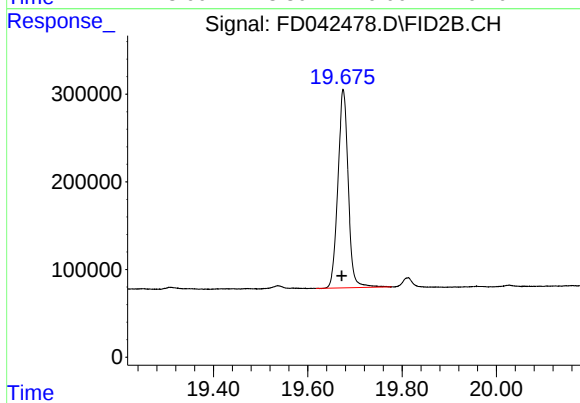
#18 n-Dotriacontane (C32)

R.T.: 18.162 min  
Delta R.T.: 0.005 min  
Response: 4224306  
Conc: 29.88 ug/ml



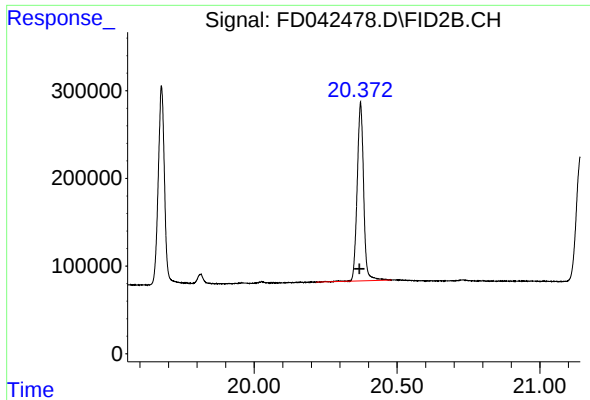
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min  
Delta R.T.: 0.003 min  
Response: 3738606  
Conc: 29.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.675 min  
Delta R.T.: 0.003 min  
Response: 3434619  
Conc: 30.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.372 min  
Delta R.T.: 0.004 min  
Response: 3193593  
Conc: 32.01 ug/ml

Instrument :

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ClientSampleId :

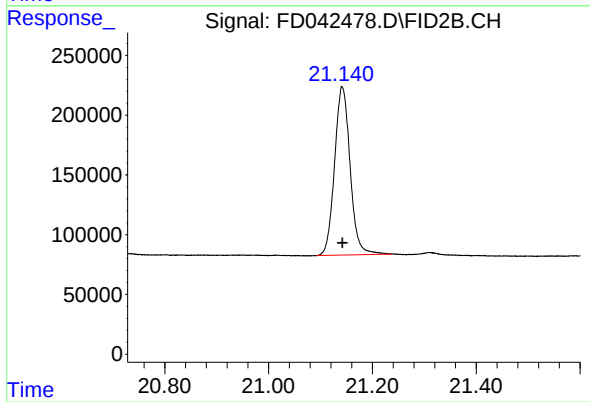
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#22 n-Tetracontane (C40)

R.T.: 21.140 min  
Delta R.T.: -0.002 min  
Response: 2930597  
Conc: 32.49 ug/ml m