

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121721AL\  
 Data File : FD040009.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Dec 2021 21:15  
 Operator : AJ\MA  
 Sample : PB141533BS  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

## Instrument :

FID\_D

## ClientSampleId :

PB141533BS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/20/2021

Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e

Quant Time: Dec 17 23:46:01 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 121521.M

Quant Title : GC Extractables

QLast Update : Wed Dec 15 16:44:55 2021

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)    | 10.764 | 7140247    | 45.483 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 90.97%        |
| 12) S 1-chlorooctadecane (S... | 12.198 | 5523313    | 44.726 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 89.45%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.689  | 7227930    | 51.362 ug/ml  |
| 2) T n-Decane (C10)            | 3.677  | 7599556    | 53.282 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.216  | 8713562    | 54.282 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.646  | 7709955    | 53.998 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.258  | 8421447    | 52.185 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.427  | 7668357    | 53.205 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.018  | 7684654    | 52.824 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.454 | 7525800    | 50.575 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.758 | 7146530    | 48.865 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.367 | 6883041    | 46.849 ug/ml  |
| 13) T n-Docosane (C22)         | 12.951 | 6716043    | 45.992 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.049 | 6376172    | 43.779 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.066 | 6077896    | 43.334 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.013 | 5978256    | 44.079 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.900 | 5752939    | 44.025 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.727 | 5518078    | 44.338 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.509 | 4821477    | 39.919 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.246 | 3820657    | 33.222 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.961 | 2994350    | 26.826 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.812 | 2655818    | 23.308 ug/mlm |
| -----                          |        |            |               |

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

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121721AL\  
Data File : FD040009.D  
Signal(s) : FID2B.CH  
Acq On : 17 Dec 2021 21:15  
Operator : AJ\MA  
Sample : PB141533BS  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

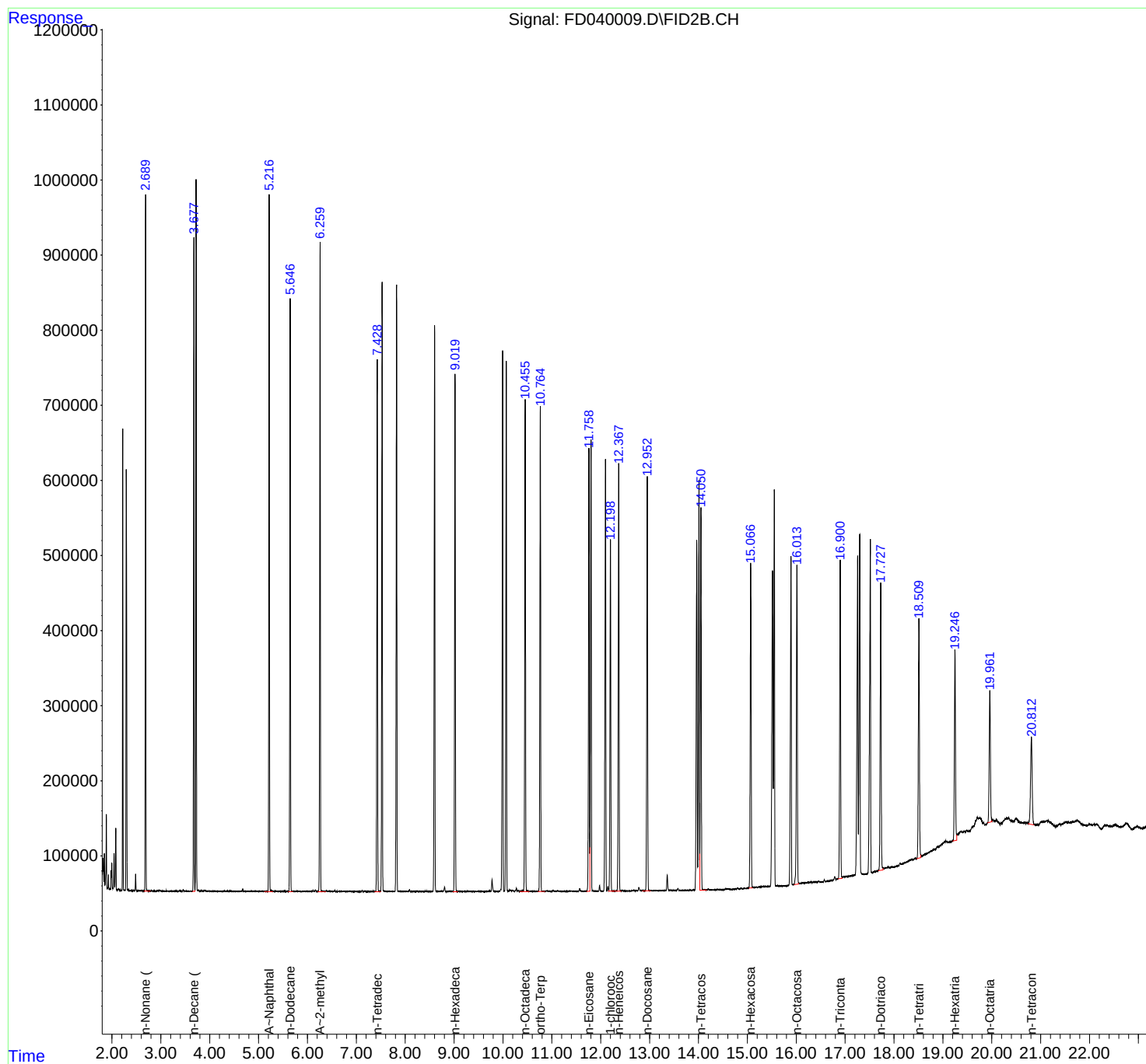
Instrument :  
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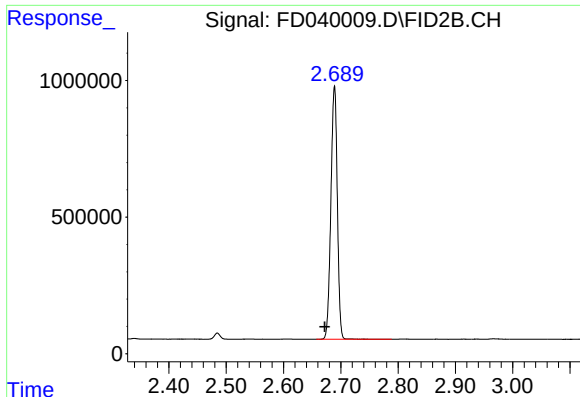
Manual Integrations  
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Supervised By :Ankita Jodhani 12/23/2021

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 121521.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 15 16:44:55 2021  
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.: 2.689 min  
Delta R.T.: 0.017 min  
Response: 7227930  
Conc: 51.36 ug/ml

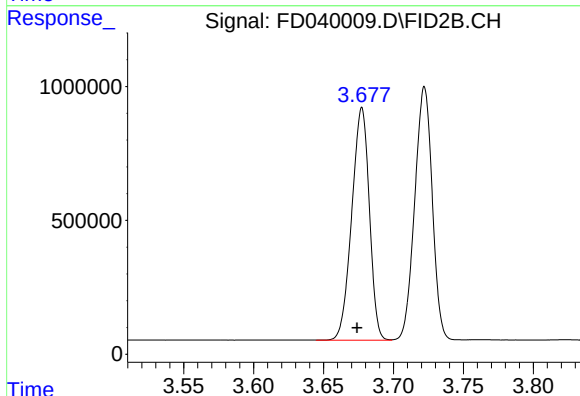
Instrument :

FID\_D

ClientSampleId :  
PB141533BS

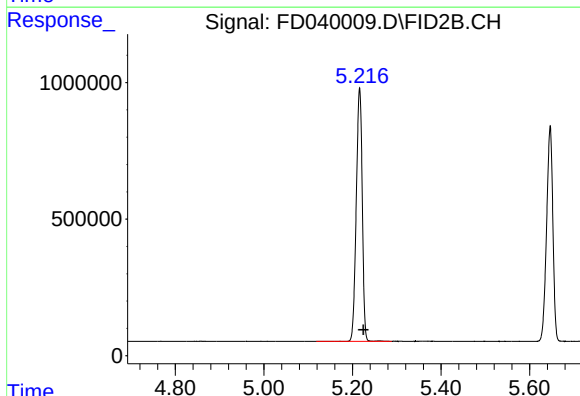
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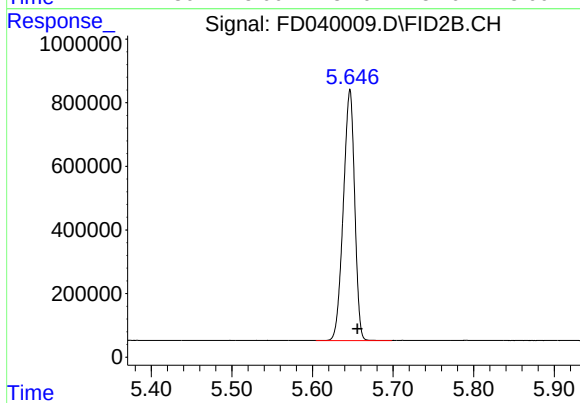
#2 n-Decane (C10)

R.T.: 3.677 min  
Delta R.T.: 0.003 min  
Response: 7599556  
Conc: 53.28 ug/ml



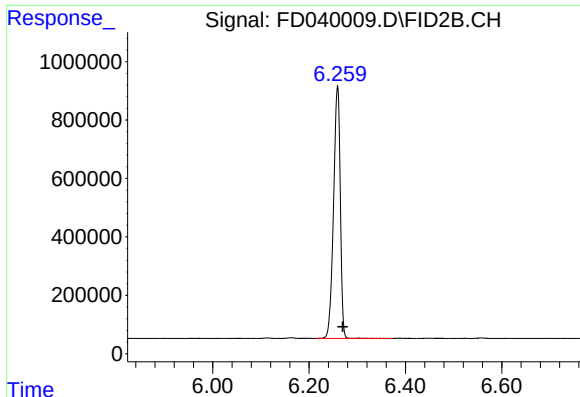
#3 A~Naphthalene (C11.7)

R.T.: 5.216 min  
Delta R.T.: -0.009 min  
Response: 8713562  
Conc: 54.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.646 min  
Delta R.T.: -0.010 min  
Response: 7709955  
Conc: 54.00 ug/ml



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

R.T.: 6.258 min  
Delta R.T.: -0.012 min  
Response: 8421447  
Conc: 52.18 ug/ml

Instrument :

FID\_D

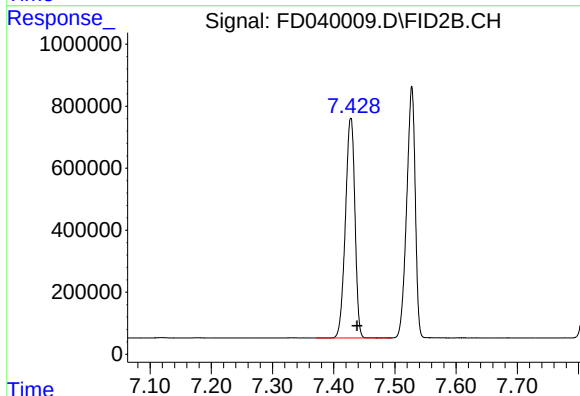
ClientSampleId :

PB141533BS

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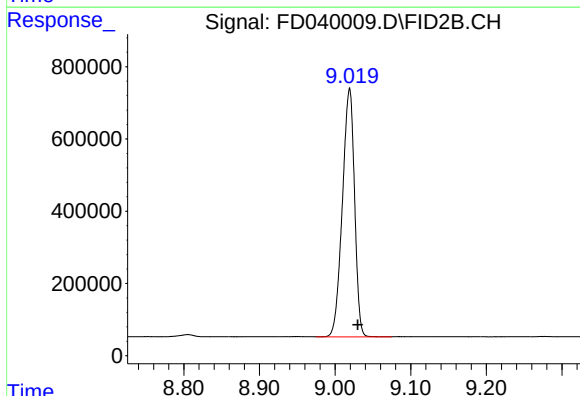
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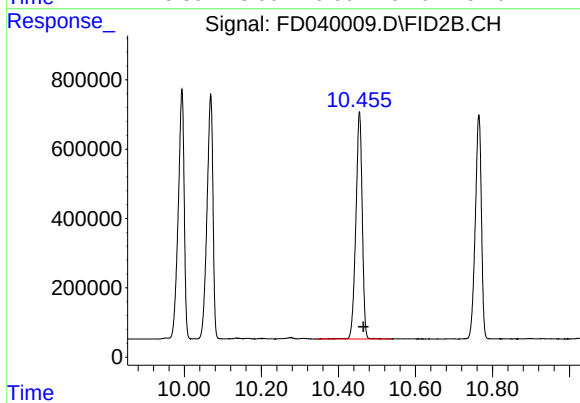
#6 n-Tetradecane (C14)

R.T.: 7.427 min  
Delta R.T.: -0.011 min  
Response: 7668357  
Conc: 53.20 ug/ml



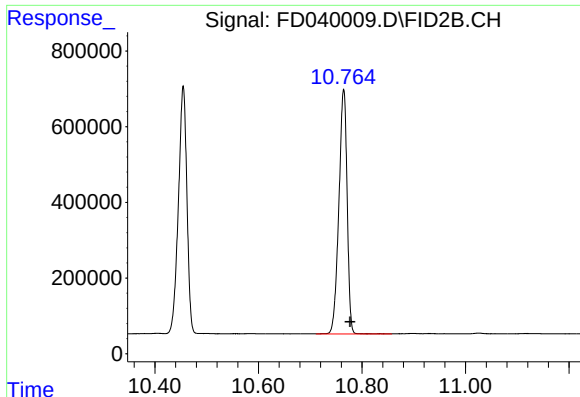
#7 n-Hexadecane (C16)

R.T.: 9.018 min  
Delta R.T.: -0.012 min  
Response: 7684654  
Conc: 52.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.454 min  
Delta R.T.: -0.011 min  
Response: 7525800  
Conc: 50.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.764 min  
Delta R.T.: -0.013 min  
Response: 7140247  
Conc: 45.48 ug/ml

Instrument :

FID\_D

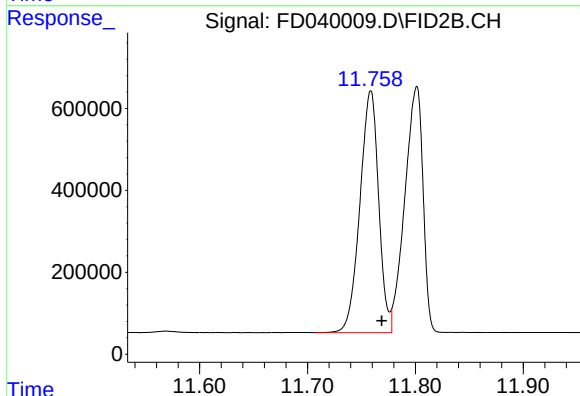
ClientSampleId :

PB141533BS

Manual Integrations

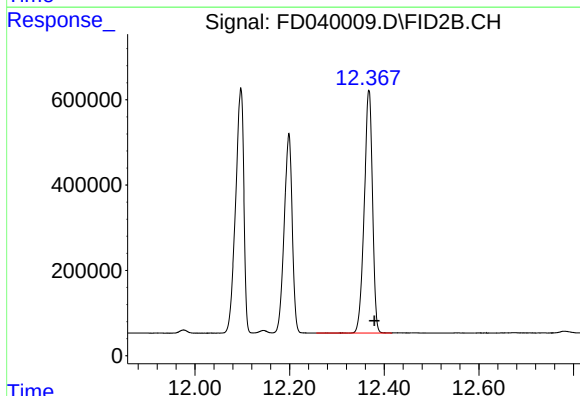
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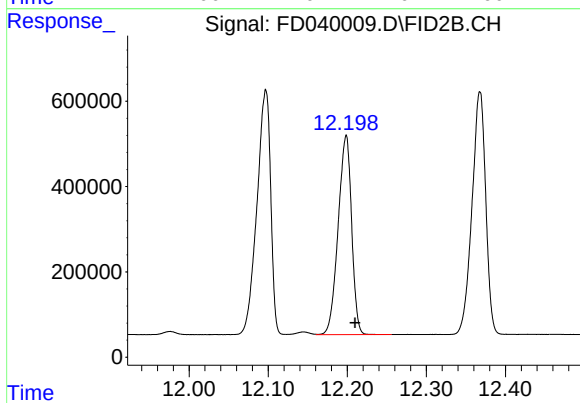
#10 n-Eicosane (C20)

R.T.: 11.758 min  
Delta R.T.: -0.011 min  
Response: 7146530  
Conc: 48.86 ug/ml



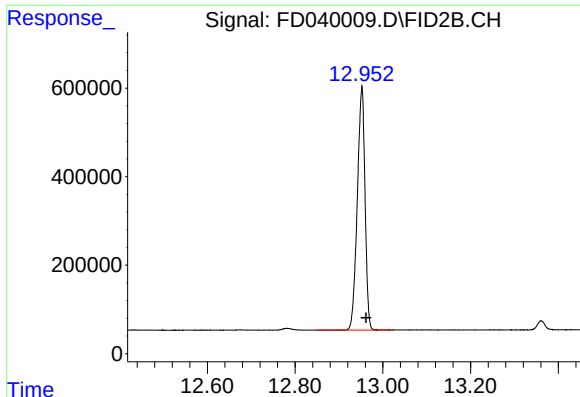
#11 n-Heneicosane (C21)

R.T.: 12.367 min  
Delta R.T.: -0.012 min  
Response: 6883041  
Conc: 46.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.198 min  
Delta R.T.: -0.012 min  
Response: 5523313  
Conc: 44.73 ug/ml



#13 n-Docosane (C22)

R.T.: 12.951 min  
Delta R.T.: -0.011 min  
Response: 6716043  
Conc: 45.99 ug/ml

Instrument :

FID\_D

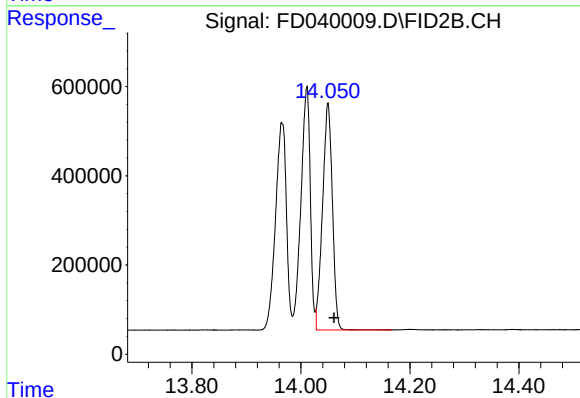
ClientSampleId :

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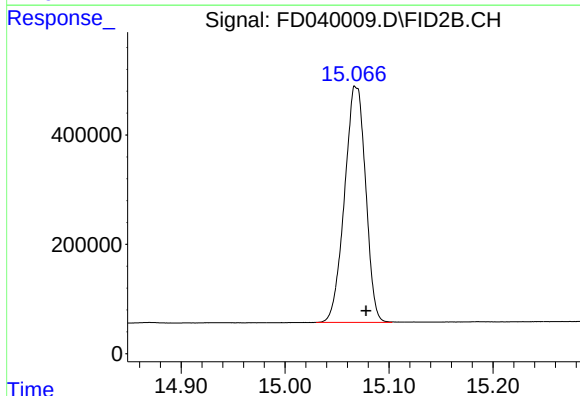
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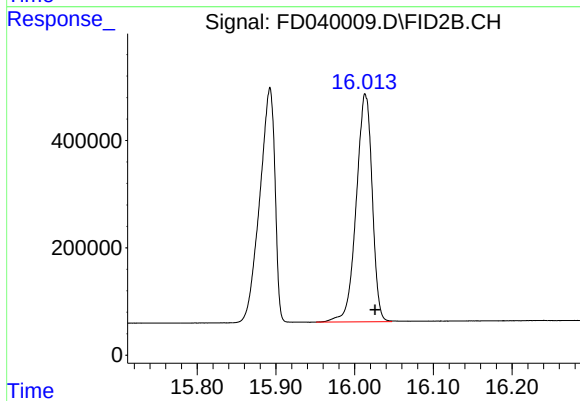
#14 n-Tetracosane (C24)

R.T.: 14.049 min  
Delta R.T.: -0.012 min  
Response: 6376172  
Conc: 43.78 ug/ml



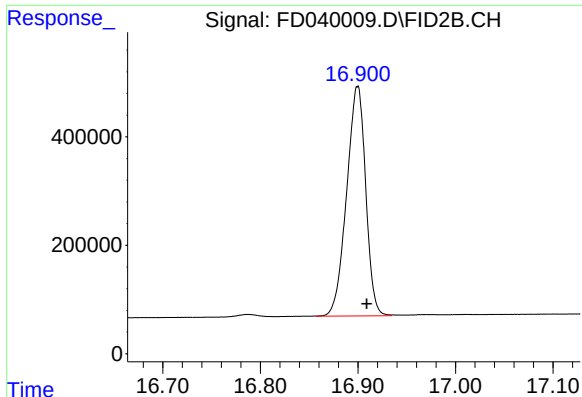
#15 n-Hexacosane (C26)

R.T.: 15.066 min  
Delta R.T.: -0.012 min  
Response: 6077896  
Conc: 43.33 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.013 min  
Delta R.T.: -0.013 min  
Response: 5978256  
Conc: 44.08 ug/ml m



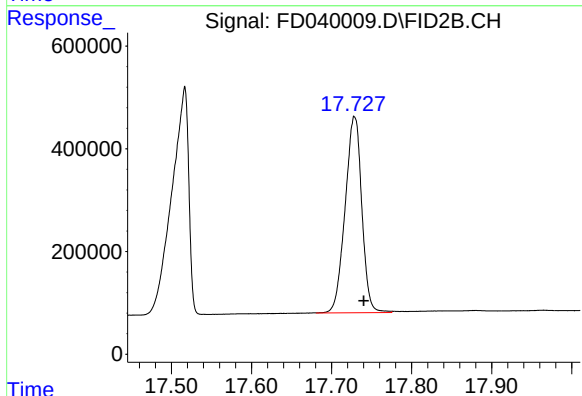
#17 n-Tricontane (C30)

R.T.: 16.900 min  
Delta R.T.: -0.009 min  
Response: 5752939  
Conc: 44.03 ug/ml

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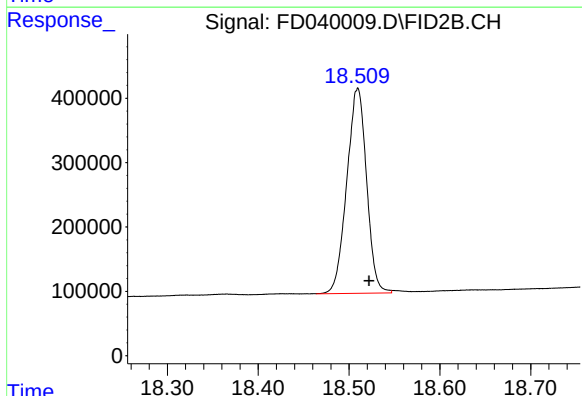
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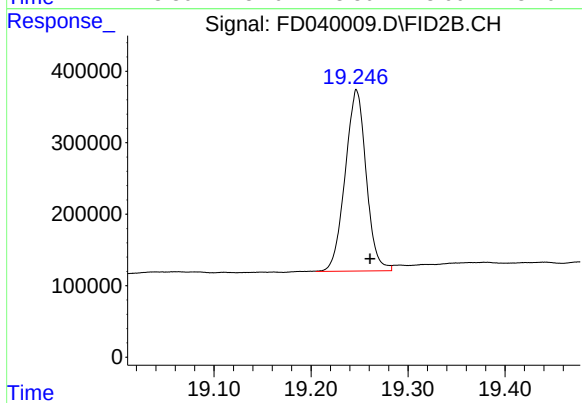
#18 n-Dotriacontane (C32)

R.T.: 17.727 min  
Delta R.T.: -0.013 min  
Response: 5518078  
Conc: 44.34 ug/ml m



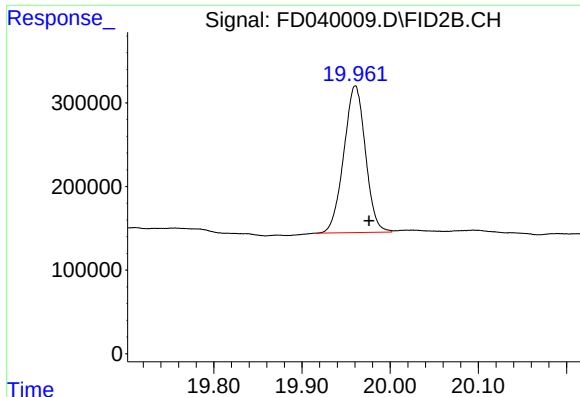
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min  
Delta R.T.: -0.013 min  
Response: 4821477  
Conc: 39.92 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.246 min  
Delta R.T.: -0.015 min  
Response: 3820657  
Conc: 33.22 ug/ml m



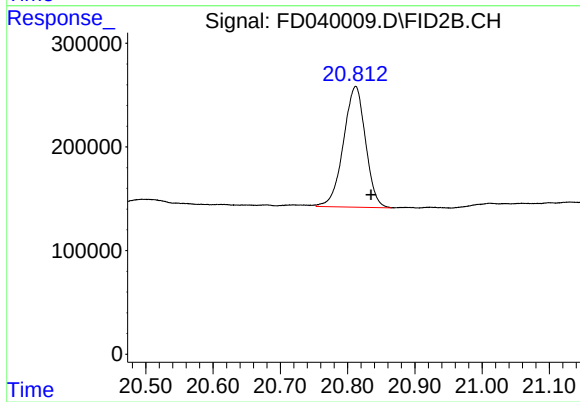
#21 n-Octatriacontane (C38)

R.T.: 19.961 min  
Delta R.T.: -0.015 min  
Response: 2994350  
Conc: 26.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.812 min  
Delta R.T.: -0.023 min  
Response: 2655818  
Conc: 23.31 ug/ml m