

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE042623AL\  
 Data File : FE041547.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Apr 2023 14:45  
 Operator : YP\AJ  
 Sample : PB152408BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB152408BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/27/2023  
 Supervised By :Ankita Jodhani 04/27/2023

Integration File: autoint1.e  
 Quant Time: Apr 27 02:02:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 2023  
 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)    | 11.984 | 7244660    | 38.616 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.23%        |
| 12) S 1-chlorooctadecane (S... | 13.419 | 5824506    | 41.230 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 82.46%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.368  | 5587699    | 38.013 ug/ml  |
| 2) T n-Decane (C10)            | 4.617  | 5711926    | 38.085 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.319  | 6501251    | 39.285 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.781  | 5998057    | 39.450 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.415  | 6269471    | 38.881 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.612  | 6194914    | 40.782 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.219 | 6736233    | 42.211 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.664 | 7030370    | 42.891 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.975 | 6948529    | 43.200 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.587 | 6760290    | 42.419 ug/ml  |
| 13) T n-Docosane (C22)         | 14.173 | 6668068    | 41.851 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.273 | 3932507    | 24.392 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.299 | 6328438    | 40.029 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.248 | 6134616    | 39.868 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.138 | 5996019    | 39.369 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.969 | 5812869    | 39.018 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.752 | 5734767    | 40.708 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.493 | 5424243    | 40.561 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.247 | 5478937    | 41.465 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.189 | 5668605    | 44.772 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB152408BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

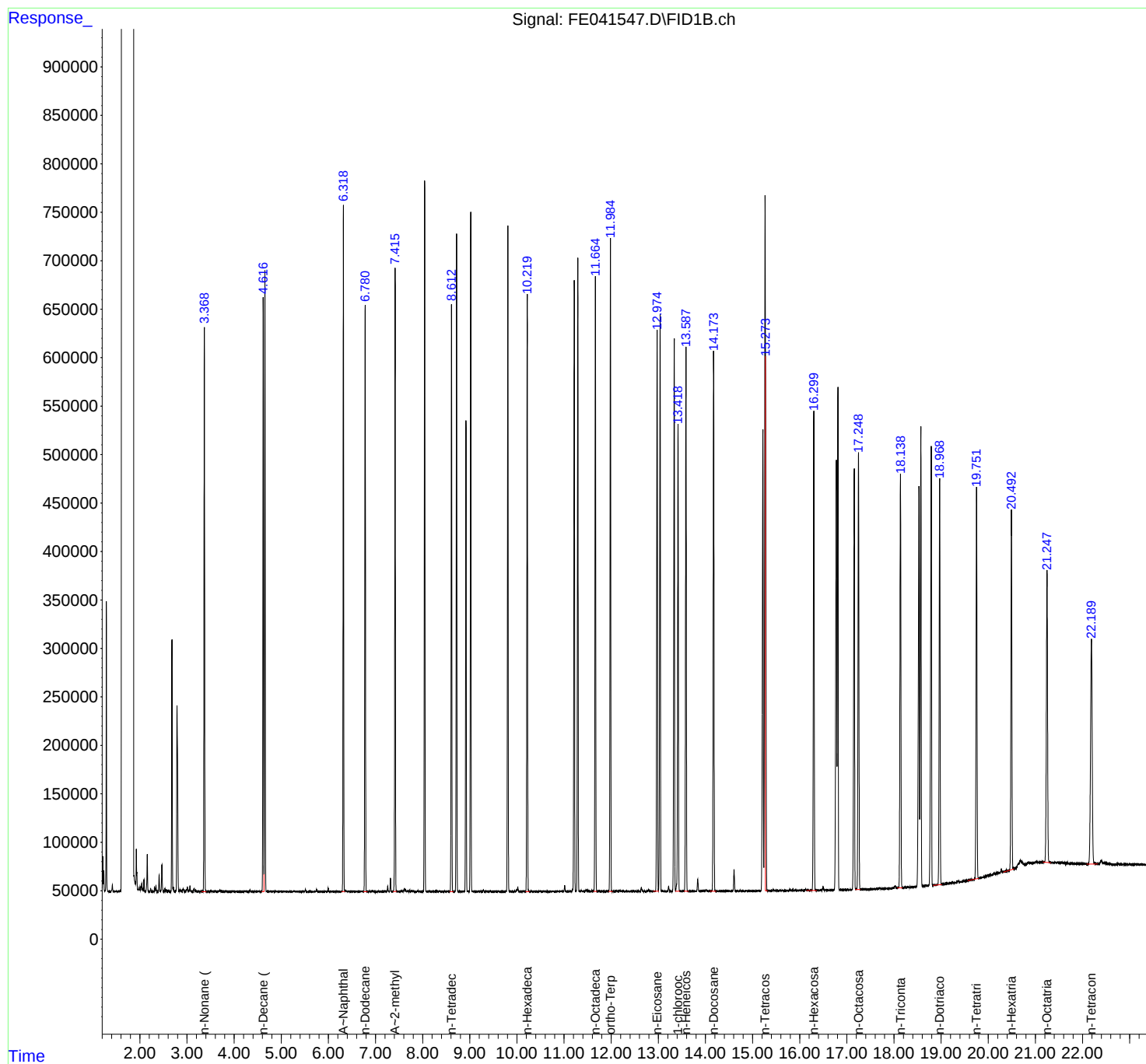
Instrument :  
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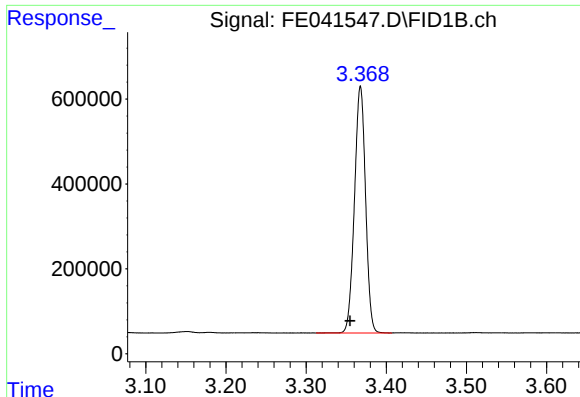
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.368 min  
Delta R.T.: 0.013 min  
Response: 5587699  
Conc: 38.01 ug/ml

Instrument :

FID\_E

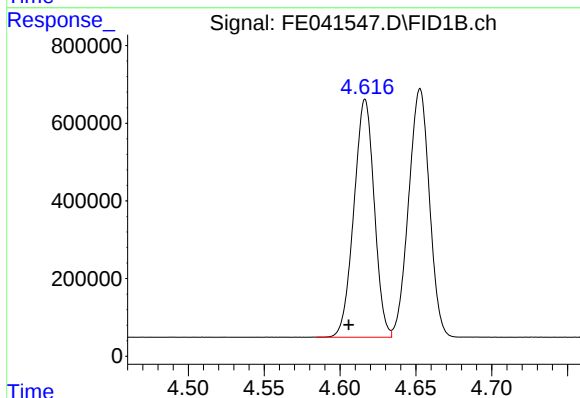
ClientSampleId :

PB152408BSD

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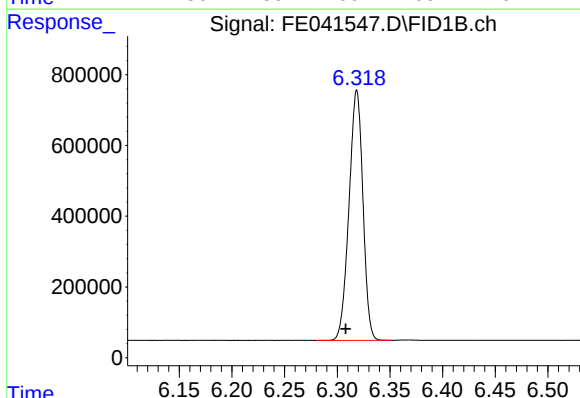
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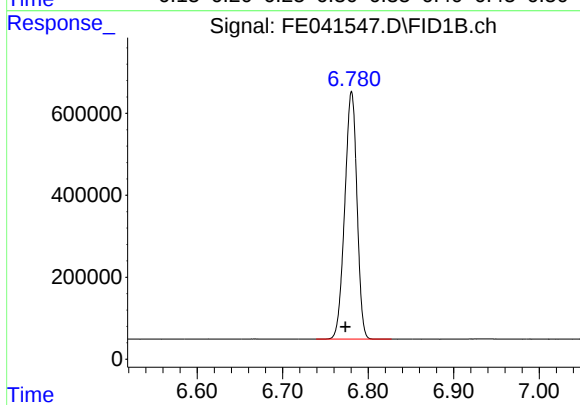
#2 n-Decane (C10)

R.T.: 4.617 min  
Delta R.T.: 0.011 min  
Response: 5711926  
Conc: 38.08 ug/ml



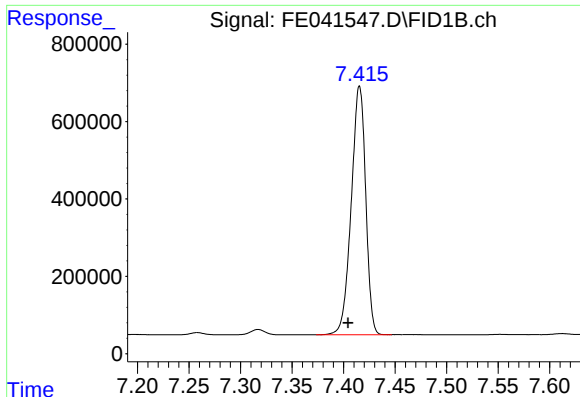
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min  
Delta R.T.: 0.010 min  
Response: 6501251  
Conc: 39.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min  
Delta R.T.: 0.007 min  
Response: 5998057  
Conc: 39.45 ug/ml



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

R.T.: 7.415 min  
Delta R.T.: 0.011 min  
Response: 6269471  
Conc: 38.88 ug/ml

Instrument :

FID\_E

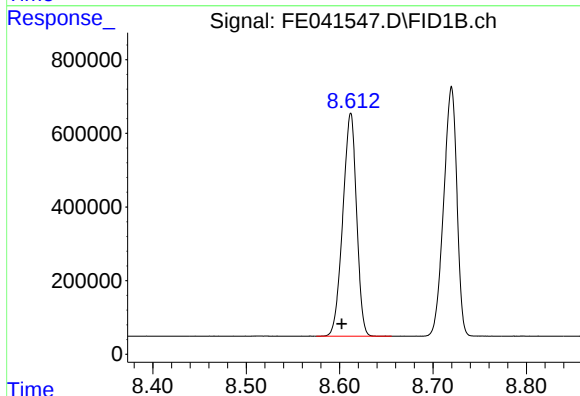
ClientSampleId :

PB152408BSD

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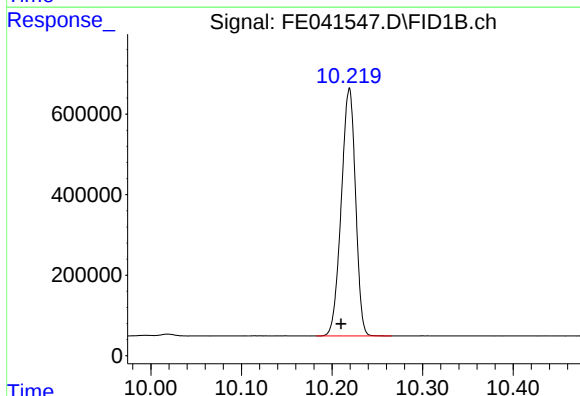
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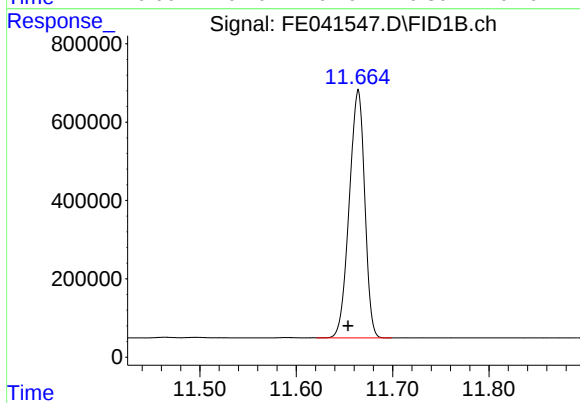
#6 n-Tetradecane (C14)

R.T.: 8.612 min  
Delta R.T.: 0.010 min  
Response: 6194914  
Conc: 40.78 ug/ml



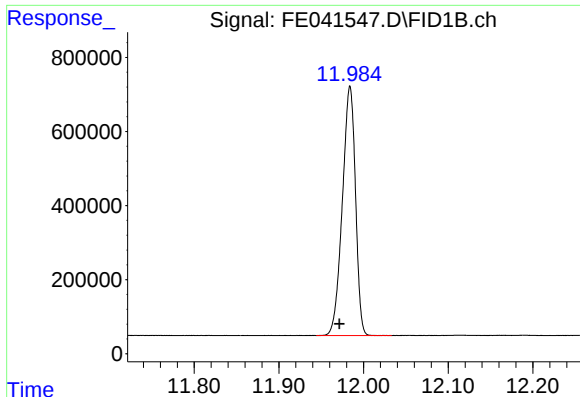
#7 n-Hexadecane (C16)

R.T.: 10.219 min  
Delta R.T.: 0.009 min  
Response: 6736233  
Conc: 42.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.664 min  
Delta R.T.: 0.010 min  
Response: 7030370  
Conc: 42.89 ug/ml



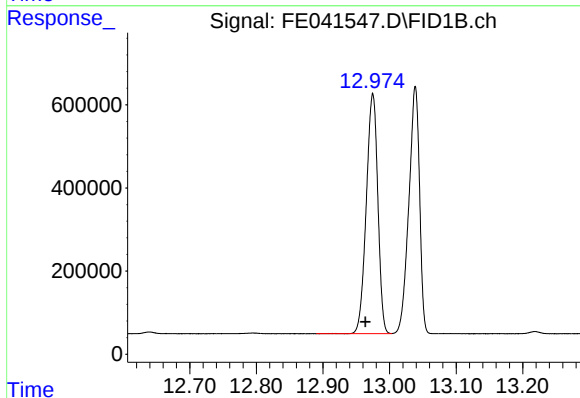
#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min  
Delta R.T.: 0.012 min  
Response: 7244660  
Conc: 38.62 ug/ml

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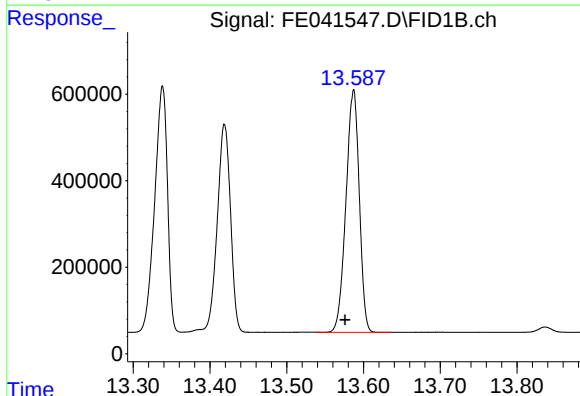
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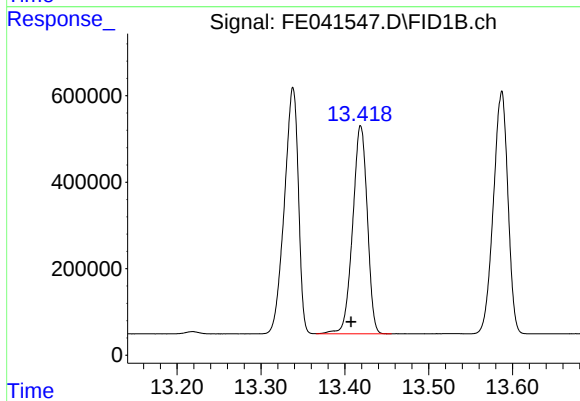
#10 n-Eicosane (C20)

R.T.: 12.975 min  
Delta R.T.: 0.011 min  
Response: 6948529  
Conc: 43.20 ug/ml



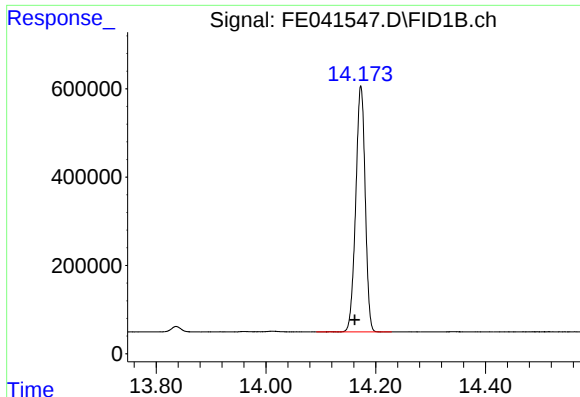
#11 n-Heneicosane (C21)

R.T.: 13.587 min  
Delta R.T.: 0.011 min  
Response: 6760290  
Conc: 42.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min  
Delta R.T.: 0.011 min  
Response: 5824506  
Conc: 41.23 ug/ml



#13 n-Docosane (C22)

R.T.: 14.173 min  
Delta R.T.: 0.011 min  
Response: 6668068  
Conc: 41.85 ug/ml

Instrument :

FID\_E

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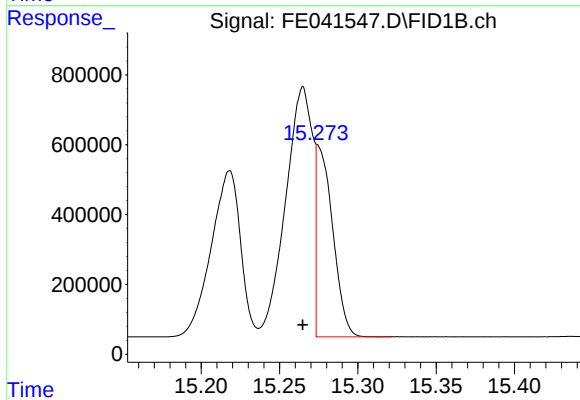
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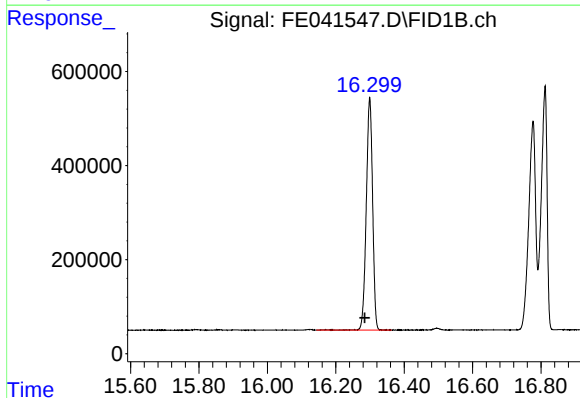
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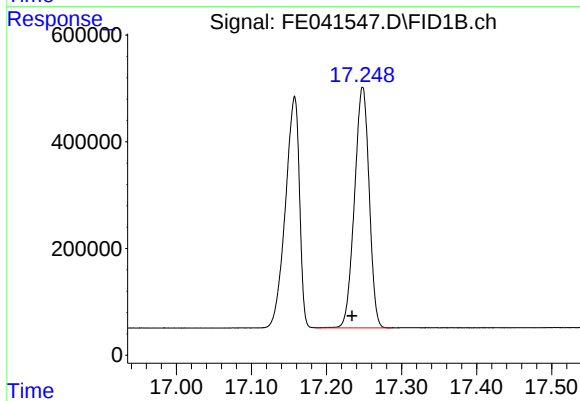
#14 n-Tetracosane (C24)

R.T.: 15.273 min  
Delta R.T.: 0.008 min  
Response: 3932507  
Conc: 24.39 ug/ml m



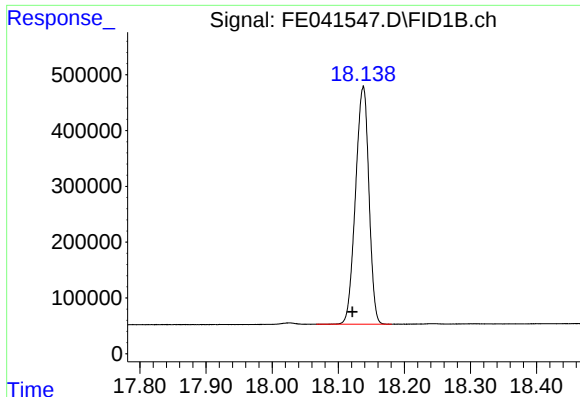
#15 n-Hexacosane (C26)

R.T.: 16.299 min  
Delta R.T.: 0.014 min  
Response: 6328438  
Conc: 40.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.248 min  
Delta R.T.: 0.014 min  
Response: 6134616  
Conc: 39.87 ug/ml



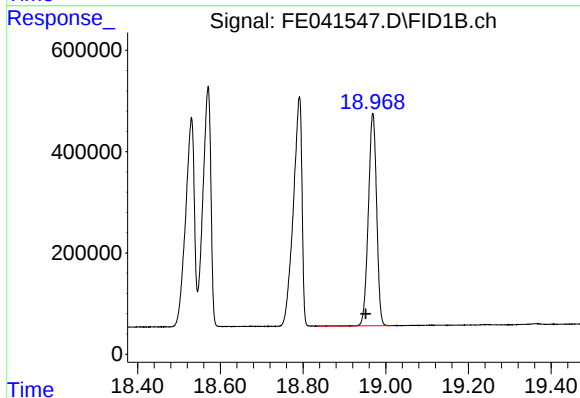
#17 n-Tricontane (C30)

R.T.: 18.138 min  
Delta R.T.: 0.016 min  
Response: 5996019  
Conc: 39.37 ug/ml

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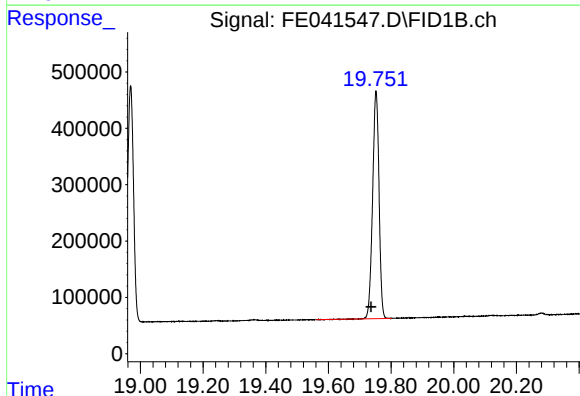
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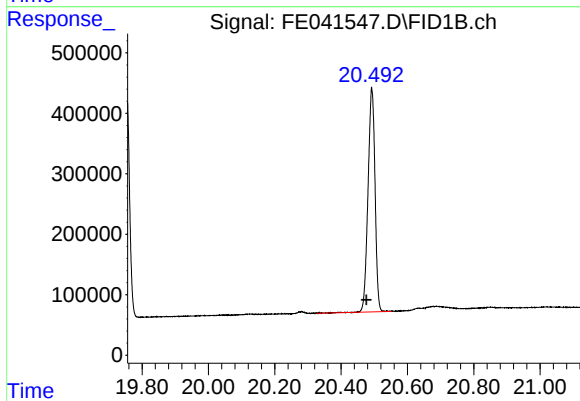
#18 n-Dotriacontane (C32)

R.T.: 18.969 min  
Delta R.T.: 0.017 min  
Response: 5812869  
Conc: 39.02 ug/ml



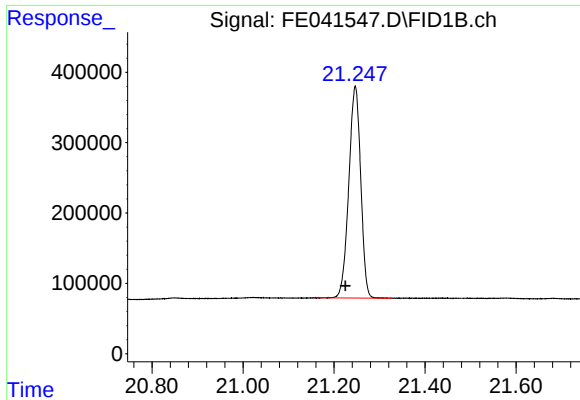
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min  
Delta R.T.: 0.016 min  
Response: 5734767  
Conc: 40.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.493 min  
Delta R.T.: 0.017 min  
Response: 5424243  
Conc: 40.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.247 min  
Delta R.T.: 0.022 min  
Response: 5478937  
Conc: 41.46 ug/ml

Instrument :

FID\_E

ClientSampleId :

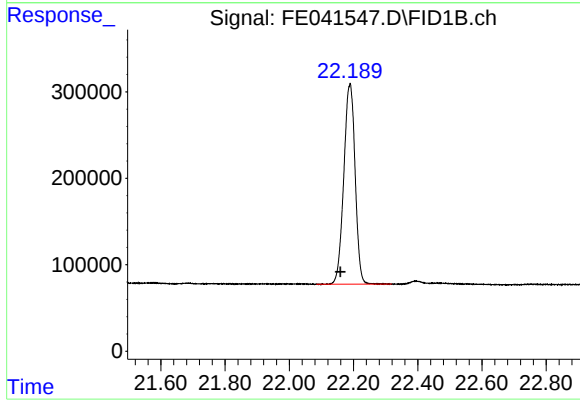
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#22 n-Tetracontane (C40)

R.T.: 22.189 min  
Delta R.T.: 0.031 min  
Response: 5668605  
Conc: 44.77 ug/ml