

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110525AL\  
 Data File : FE056670.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Nov 2025 14:06  
 Operator : YP\AJ  
 Sample : PB170401BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB170401BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025  
 Supervised By :Yogesh Patel 11/06/2025

Integration File: autoint1.e  
 Quant Time: Nov 06 02:07:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 30 12:50:27 2025  
 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)    | 11.974 | 7049977    | 33.746 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 67.49%        |
| 12) S 1-chlorooctadecane (S... | 13.413 | 5776364    | 35.852 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 71.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.342  | 5691918    | 33.888 ug/ml  |
| 2) T n-Decane (C10)            | 4.587  | 6122450    | 35.680 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.297  | 6788284    | 36.776 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.754  | 6294176    | 36.188 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.396  | 6116224    | 34.512 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.589  | 6182924    | 35.422 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.202 | 6124931    | 33.477 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.650 | 6023795    | 31.826 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.966 | 6131073    | 32.898 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.579 | 5812684    | 31.611 ug/ml  |
| 13) T n-Docosane (C22)         | 14.168 | 5734452    | 30.633 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.276 | 12147904   | 62.022 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.301 | 5631666    | 28.979 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.251 | 5704532    | 29.456 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.144 | 5691843    | 28.389 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.978 | 5665057    | 28.808 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.764 | 5461877    | 31.643 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.506 | 4535884    | 31.356 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.260 | 3290503    | 26.144 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.204 | 2412857    | 20.870 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB170401BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

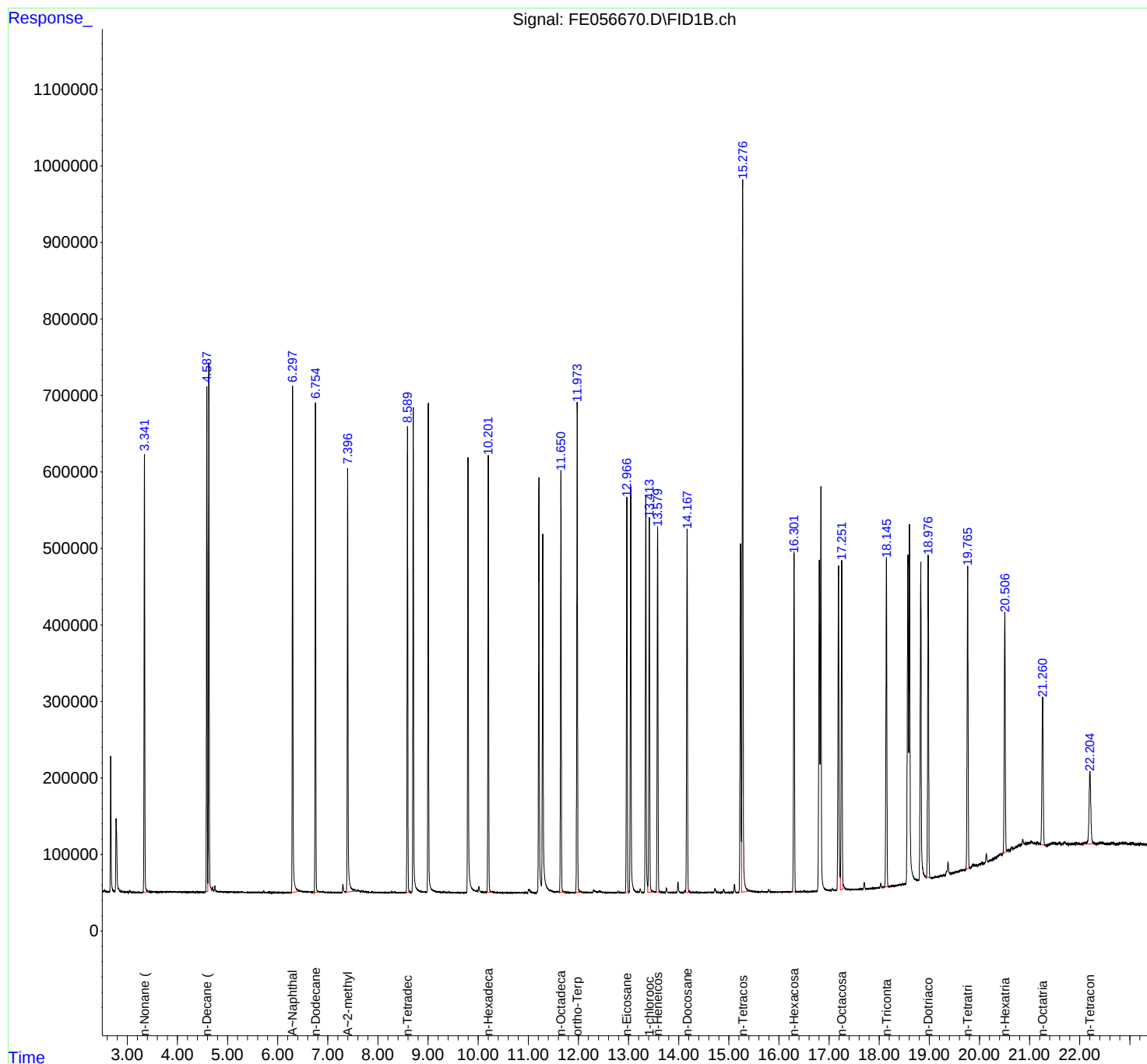
Instrument :  
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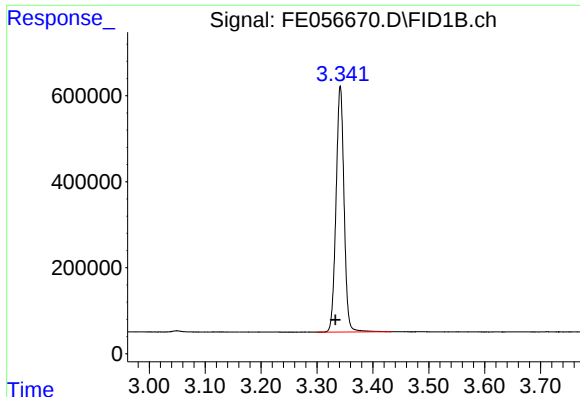
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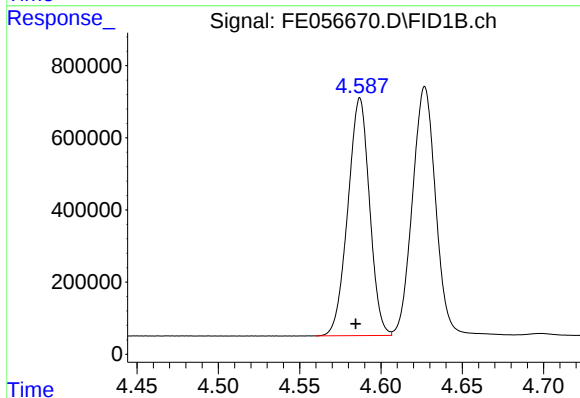
#1 n-Nonane (C9)

R.T.: 3.342 min  
Delta R.T.: 0.009 min  
Response: 5691918  
Conc: 33.89 ug/ml

Instrument :  
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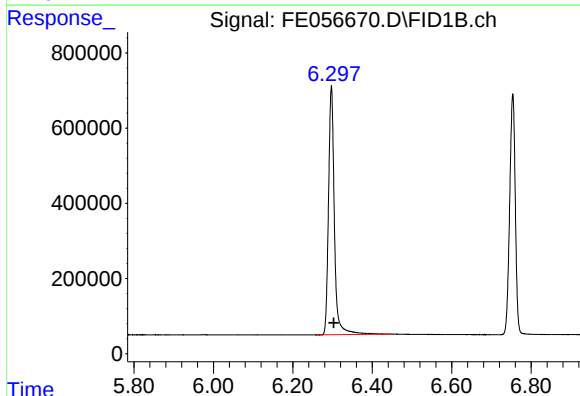
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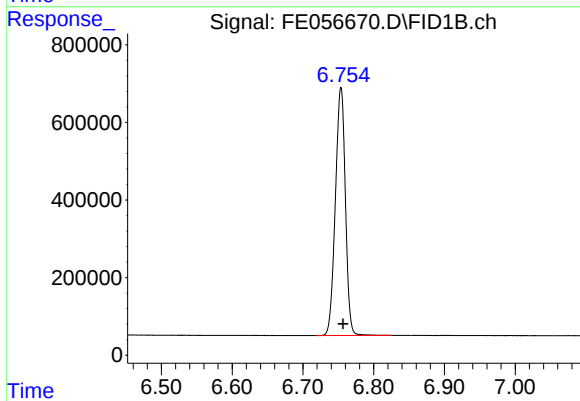
#2 n-Decane (C10)

R.T.: 4.587 min  
Delta R.T.: 0.002 min  
Response: 6122450  
Conc: 35.68 ug/ml m



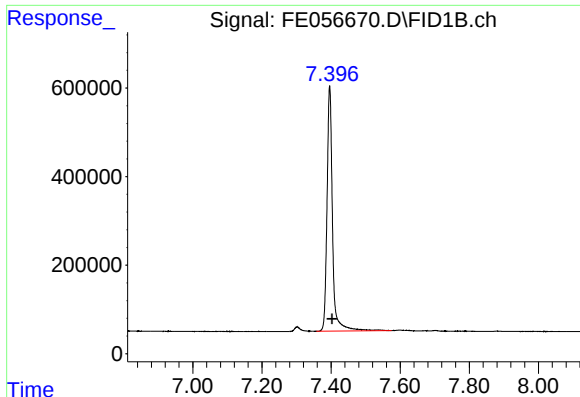
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min  
Delta R.T.: -0.006 min  
Response: 6788284  
Conc: 36.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.754 min  
Delta R.T.: -0.003 min  
Response: 6294176  
Conc: 36.19 ug/ml



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

R.T.: 7.396 min  
Delta R.T.: -0.007 min  
Response: 6116224  
Conc: 34.51 ug/ml

Instrument :

FID\_E

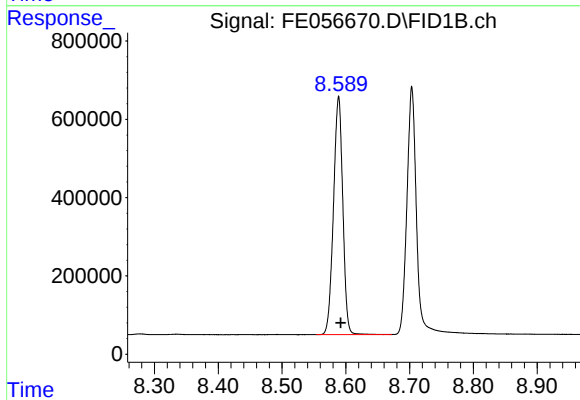
ClientSampleId :

PB170401BS

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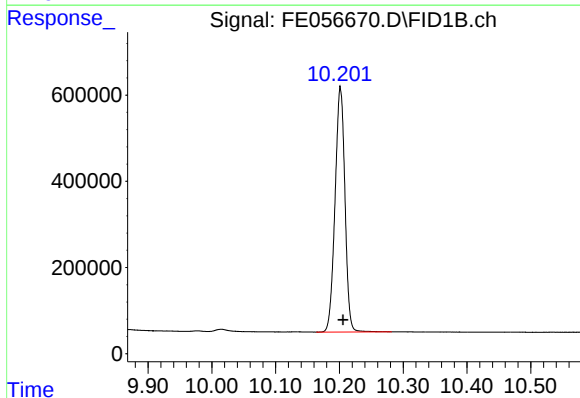
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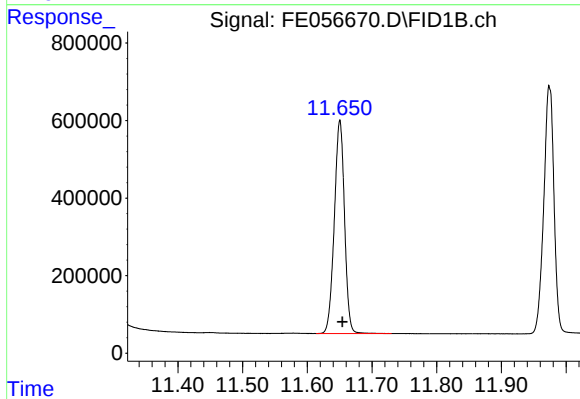
#6 n-Tetradecane (C14)

R.T.: 8.589 min  
Delta R.T.: -0.003 min  
Response: 6182924  
Conc: 35.42 ug/ml



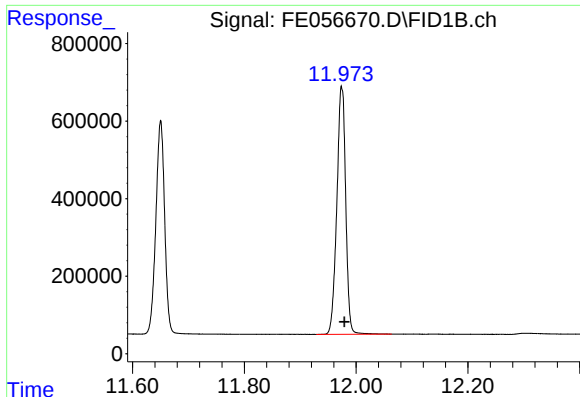
#7 n-Hexadecane (C16)

R.T.: 10.202 min  
Delta R.T.: -0.004 min  
Response: 6124931  
Conc: 33.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min  
Delta R.T.: -0.004 min  
Response: 6023795  
Conc: 31.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min  
Delta R.T.: -0.005 min  
Response: 7049977  
Conc: 33.75 ug/ml

Instrument :

FID\_E

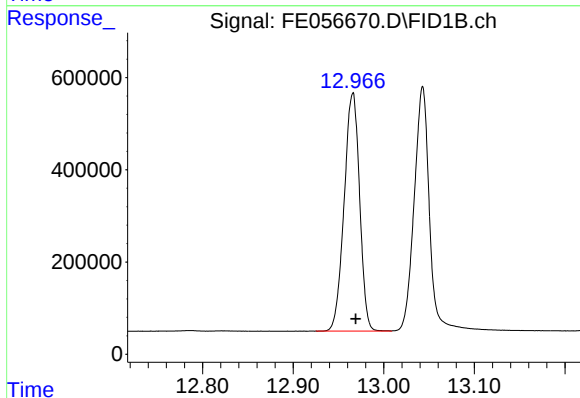
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PB170401BS

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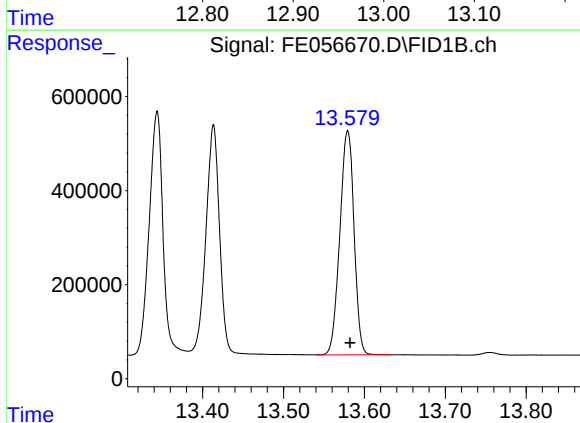
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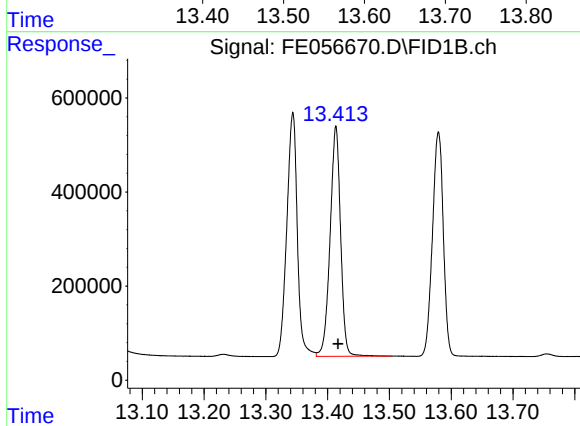
#10 n-Eicosane (C20)

R.T.: 12.966 min  
Delta R.T.: -0.003 min  
Response: 6131073  
Conc: 32.90 ug/ml



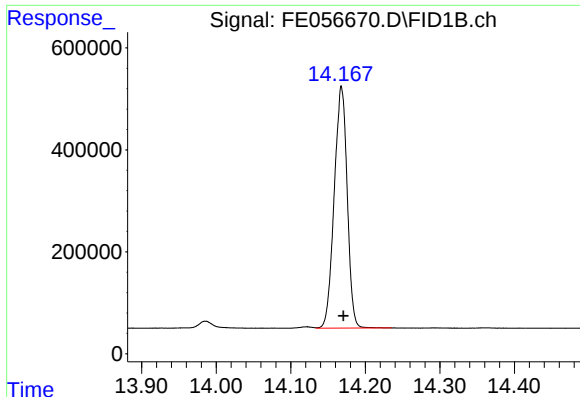
#11 n-Heneicosane (C21)

R.T.: 13.579 min  
Delta R.T.: -0.003 min  
Response: 5812684  
Conc: 31.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min  
Delta R.T.: -0.004 min  
Response: 5776364  
Conc: 35.85 ug/ml



#13 n-Docosane (C22)

R.T.: 14.168 min  
Delta R.T.: -0.003 min  
Response: 5734452  
Conc: 30.63 ug/ml

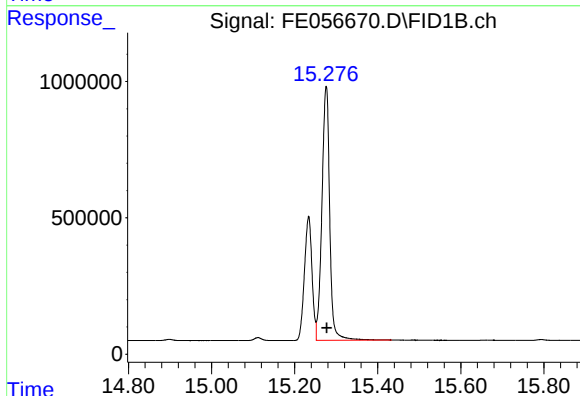
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ClientSampleId :  
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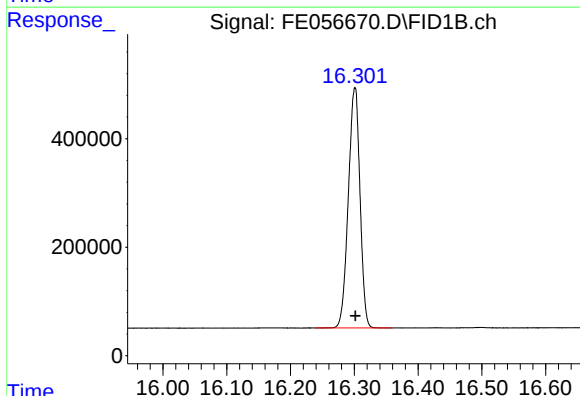
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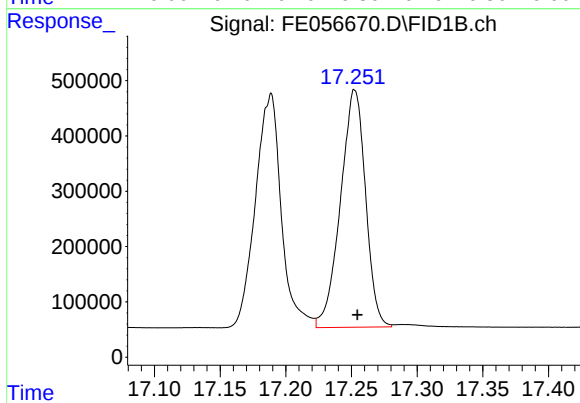
#14 n-Tetracosane (C24)

R.T.: 15.276 min  
Delta R.T.: -0.001 min  
Response: 12147904  
Conc: 62.02 ug/ml



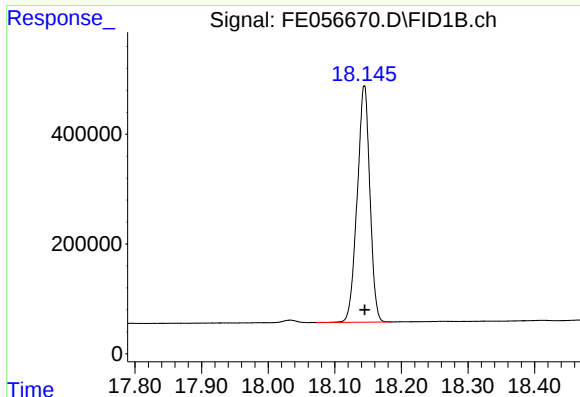
#15 n-Hexacosane (C26)

R.T.: 16.301 min  
Delta R.T.: -0.001 min  
Response: 5631666  
Conc: 28.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min  
Delta R.T.: -0.003 min  
Response: 5704532  
Conc: 29.46 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.144 min  
Delta R.T.: 0.000 min  
Response: 5691843  
Conc: 28.39 ug/ml

Instrument :

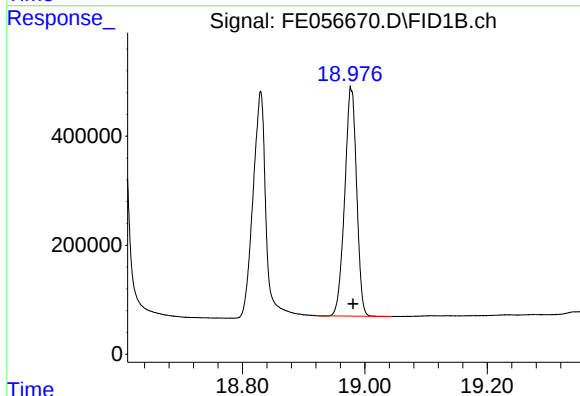
FID\_E

ClientSampleId :

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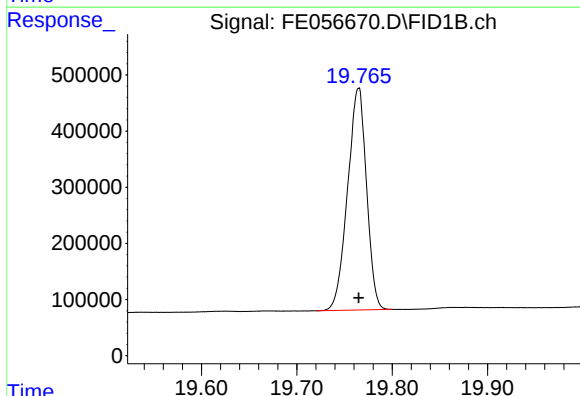
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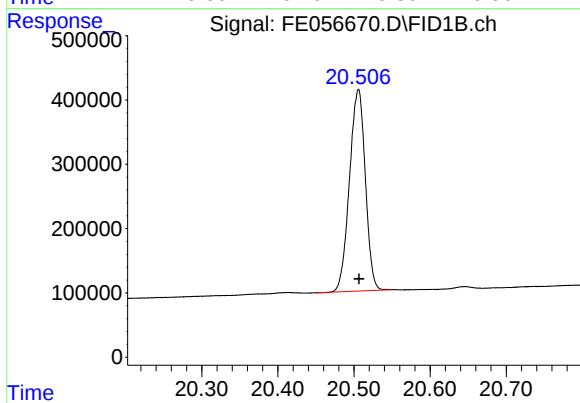
#18 n-Dotriacontane (C32)

R.T.: 18.978 min  
Delta R.T.: -0.003 min  
Response: 5665057  
Conc: 28.81 ug/ml



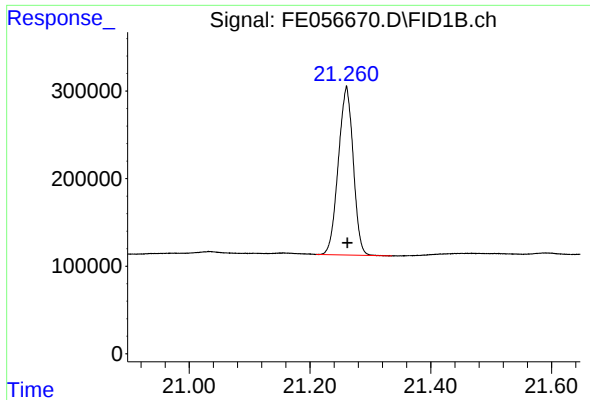
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min  
Delta R.T.: 0.000 min  
Response: 5461877  
Conc: 31.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.506 min  
Delta R.T.: -0.001 min  
Response: 4535884  
Conc: 31.36 ug/ml



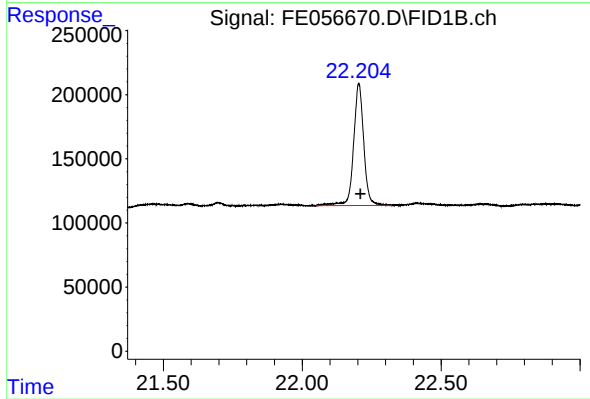
#21 n-Octatriacontane (C38)

R.T.: 21.260 min  
Delta R.T.: -0.001 min  
Response: 3290503  
Conc: 26.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.204 min  
Delta R.T.: -0.005 min  
Response: 2412857  
Conc: 20.87 ug/ml