

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071825AL\  
 Data File : FE054930.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Jul 2025 16:57  
 Operator : YP\AJ  
 Sample : Q2618-08MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 6MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/21/2025  
 Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e  
 Quant Time: Jul 18 23:11:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 08 07:45:12 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)    | 12.087 | 5305958    | 32.673 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.35%        |
| 12) S 1-chlorooctadecane (S... | 13.524 | 4163893    | 32.970 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.94%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.439  | 4465584    | 33.199 ug/ml  |
| 2) T n-Decane (C10)            | 4.690  | 4726636    | 34.640 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.406  | 5660236    | 37.383 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.861  | 4925453    | 35.898 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.505  | 5245154    | 35.680 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.697  | 4952547    | 35.726 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.311 | 4992510    | 35.033 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.761 | 5016871    | 34.232 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.076 | 5043041    | 35.071 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.689 | 4768409    | 33.385 ug/ml  |
| 13) T n-Docosane (C22)         | 14.278 | 4735610    | 33.165 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.384 | 9768076    | 67.197 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.409 | 4583081    | 31.670 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.359 | 4554046    | 31.248 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.249 | 4661516    | 29.581 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.083 | 4679095    | 28.921 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.868 | 4936310    | 32.392 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.609 | 4800547    | 35.704 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.390 | 5087193    | 43.375 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.381 | 5115961    | 47.202 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071825AL\  
Data File : FE054930.D  
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Acq On : 18 Jul 2025 16:57  
Operator : YP\AJ  
Sample : Q2618-08MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

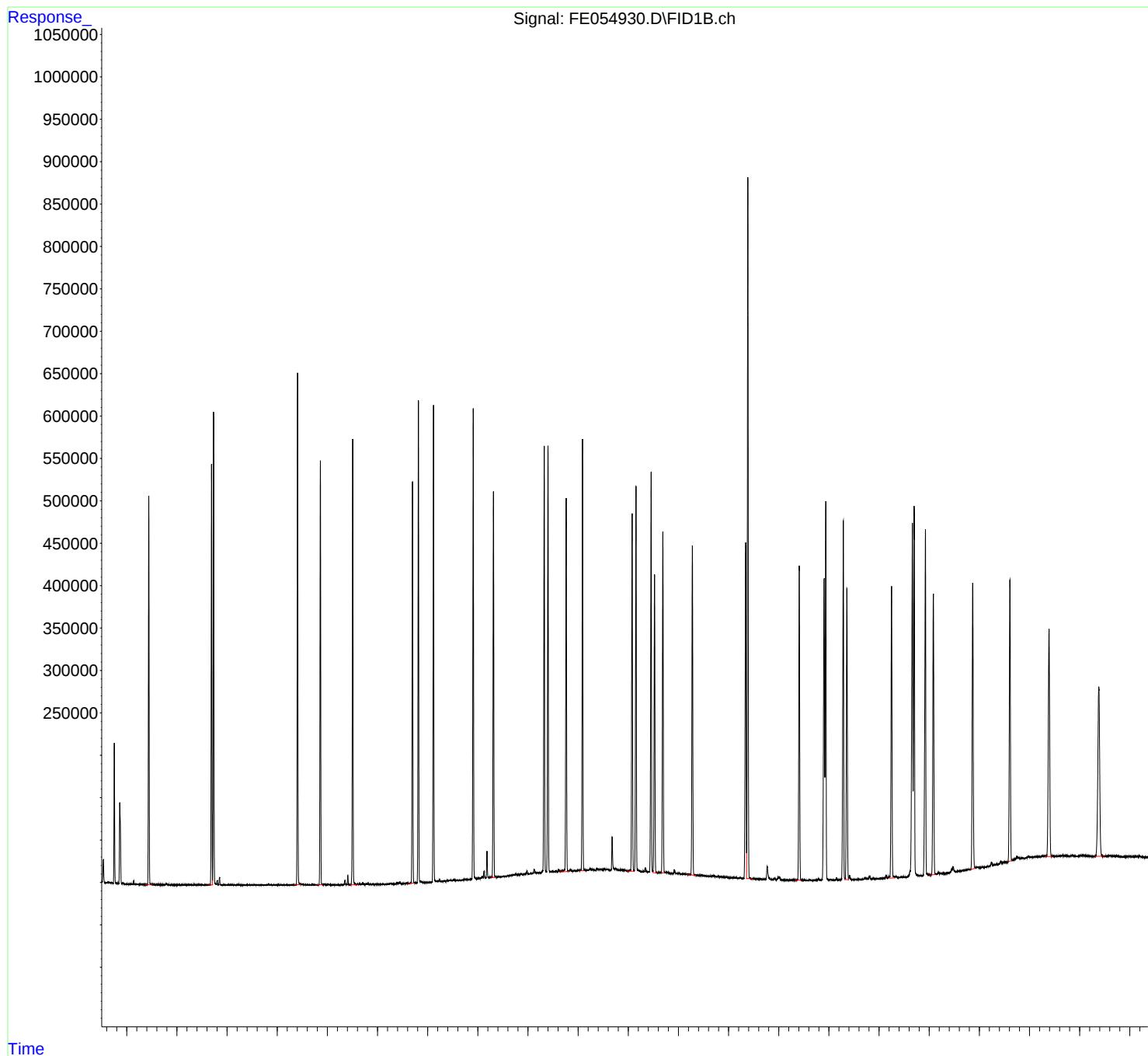
Instrument :  
FID\_E  
ClientSampleId :  
6MS

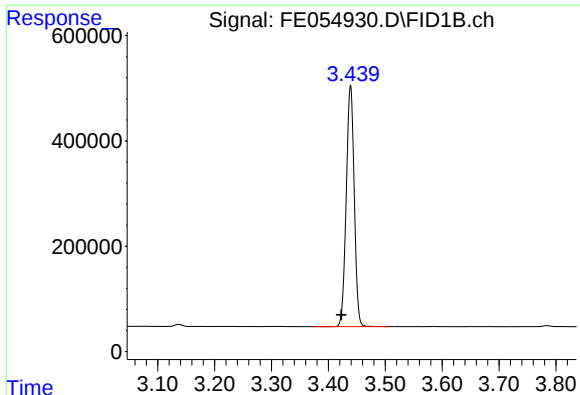
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QLast Update : Tue Jul 08 07:45:12 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.439 min  
Delta R.T.: 0.016 min  
Response: 4465584  
Conc: 33.20 ug/ml

Instrument :

FID\_E

ClientSampleId :

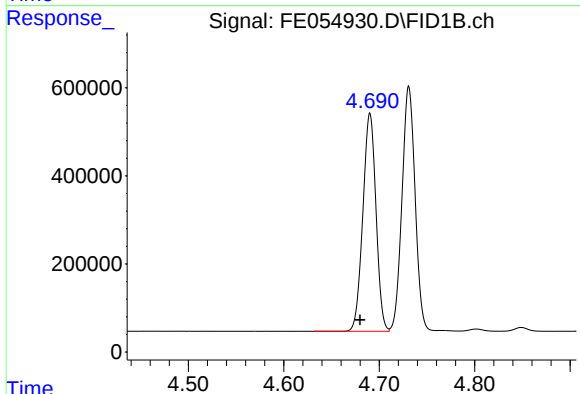
6MS

Manual Integrations

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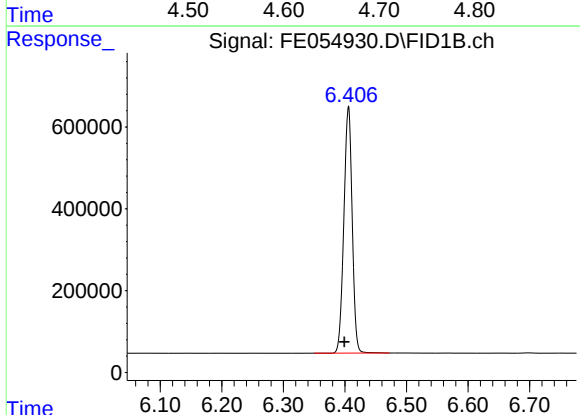
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Supervised By :mohammad ahmed 07/22/2025



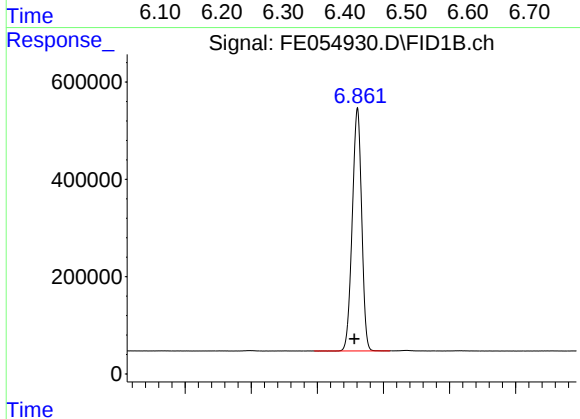
#2 n-Decane (C10)

R.T.: 4.690 min  
Delta R.T.: 0.010 min  
Response: 4726636  
Conc: 34.64 ug/ml



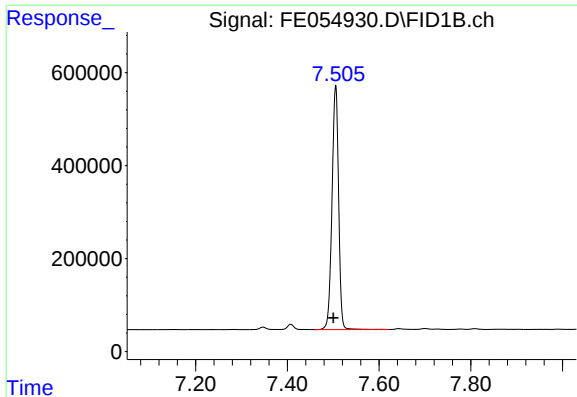
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min  
Delta R.T.: 0.007 min  
Response: 5660236  
Conc: 37.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.861 min  
Delta R.T.: 0.004 min  
Response: 4925453  
Conc: 35.90 ug/ml



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

R.T.: 7.505 min  
Delta R.T.: 0.005 min  
Response: 5245154  
Conc: 35.68 ug/ml

Instrument :

FID\_E

ClientSampleId :

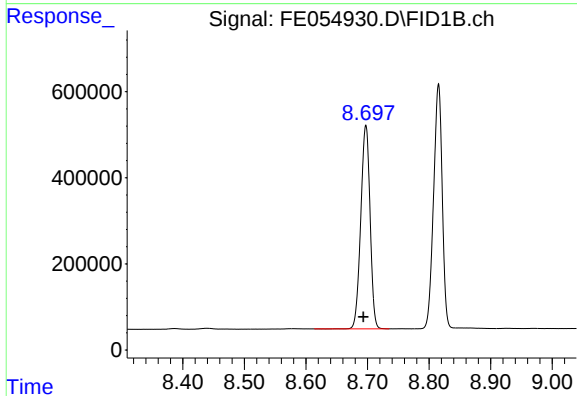
6MS

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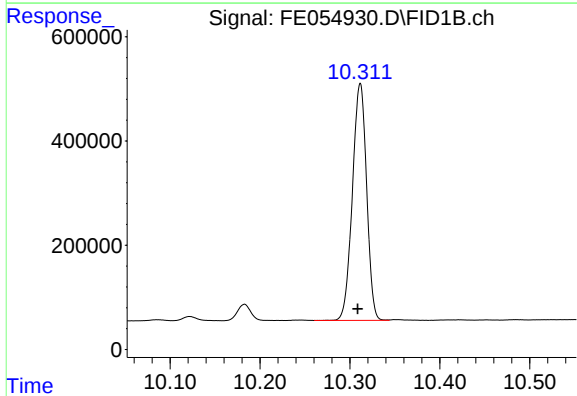
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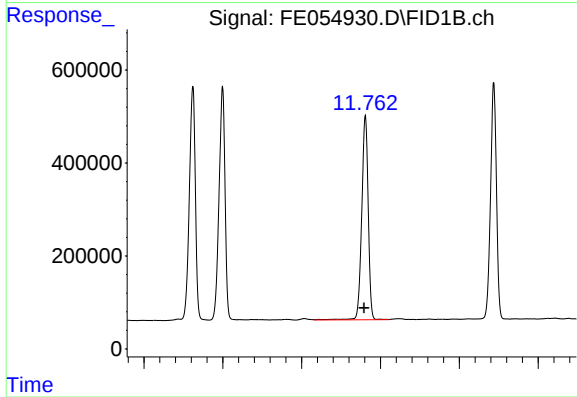
#6 n-Tetradecane (C14)

R.T.: 8.697 min  
Delta R.T.: 0.004 min  
Response: 4952547  
Conc: 35.73 ug/ml



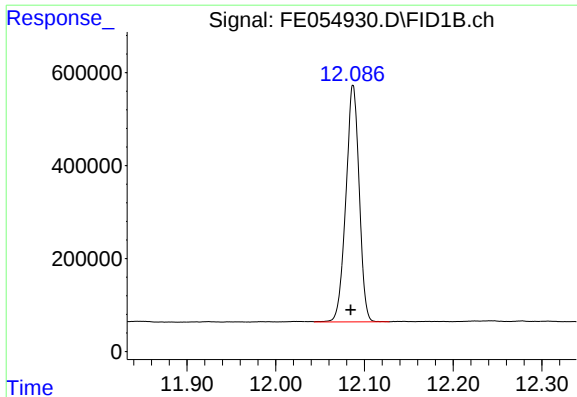
#7 n-Hexadecane (C16)

R.T.: 10.311 min  
Delta R.T.: 0.003 min  
Response: 4992510  
Conc: 35.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.761 min  
Delta R.T.: 0.003 min  
Response: 5016871  
Conc: 34.23 ug/ml



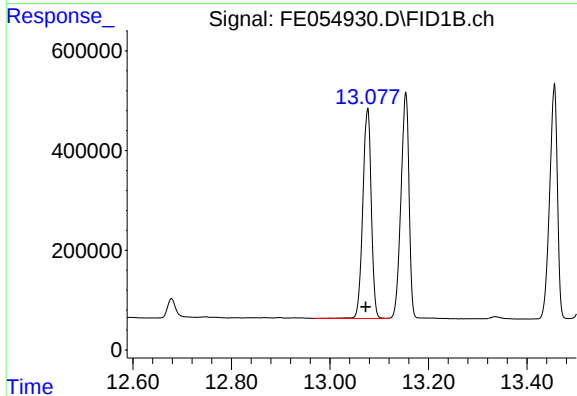
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min  
Delta R.T.: 0.003 min  
Response: 5305958  
Conc: 32.67 ug/ml

Instrument :  
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6MS

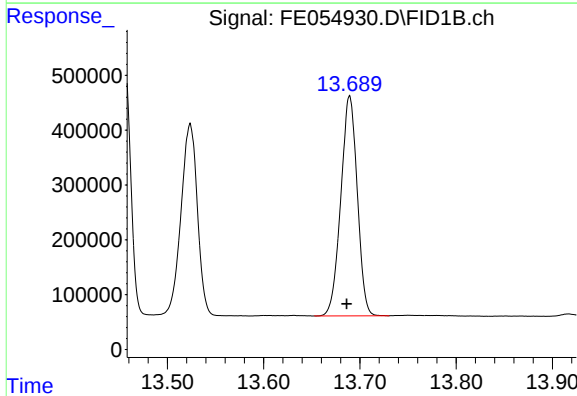
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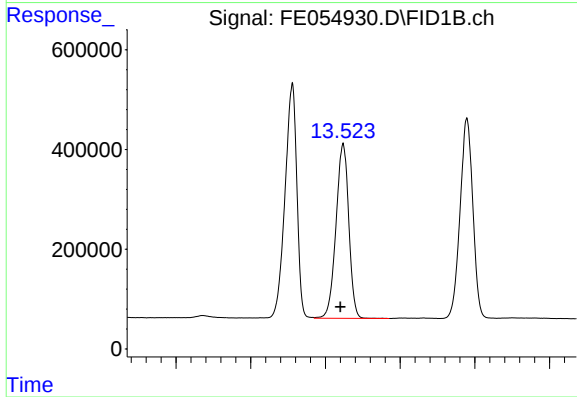
#10 n-Eicosane (C20)

R.T.: 13.076 min  
Delta R.T.: 0.003 min  
Response: 5043041  
Conc: 35.07 ug/ml



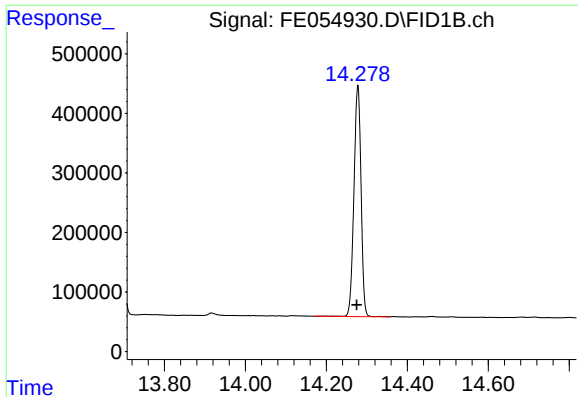
#11 n-Heneicosane (C21)

R.T.: 13.689 min  
Delta R.T.: 0.003 min  
Response: 4768409  
Conc: 33.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min  
Delta R.T.: 0.004 min  
Response: 4163893  
Conc: 32.97 ug/ml



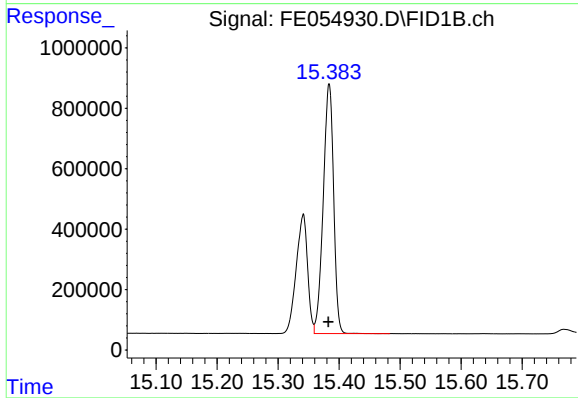
#13 n-Docosane (C22)

R.T.: 14.278 min  
Delta R.T.: 0.002 min  
Response: 4735610  
Conc: 33.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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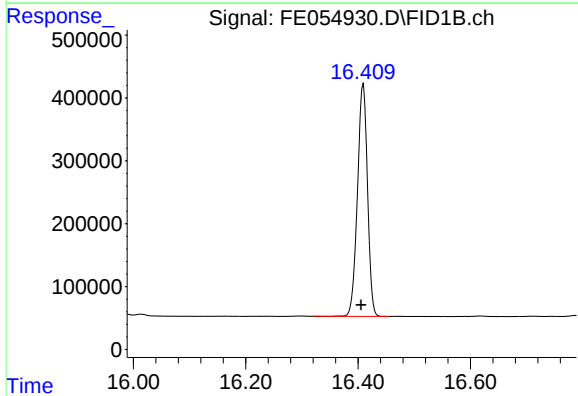
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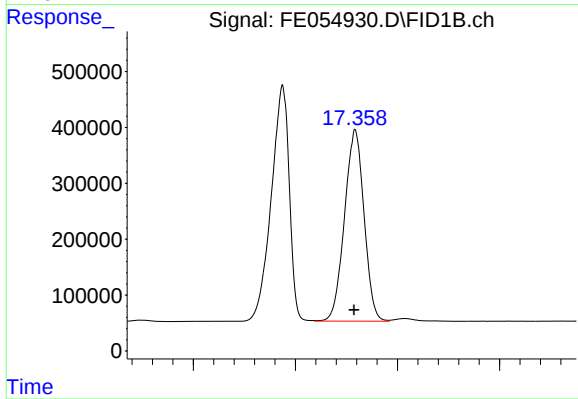
#14 n-Tetracosane (C24)

R.T.: 15.384 min  
Delta R.T.: 0.001 min  
Response: 9768076  
Conc: 67.20 ug/ml



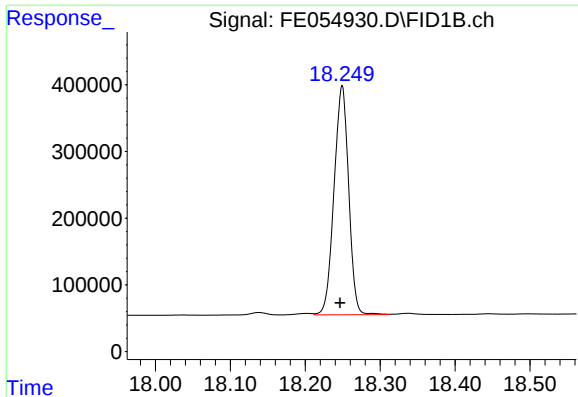
#15 n-Hexacosane (C26)

R.T.: 16.409 min  
Delta R.T.: 0.003 min  
Response: 4583081  
Conc: 31.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.359 min  
Delta R.T.: 0.000 min  
Response: 4554046  
Conc: 31.25 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.249 min  
Delta R.T.: 0.003 min  
Response: 4661516  
Conc: 29.58 ug/ml

Instrument :

FID\_E

ClientSampleId :

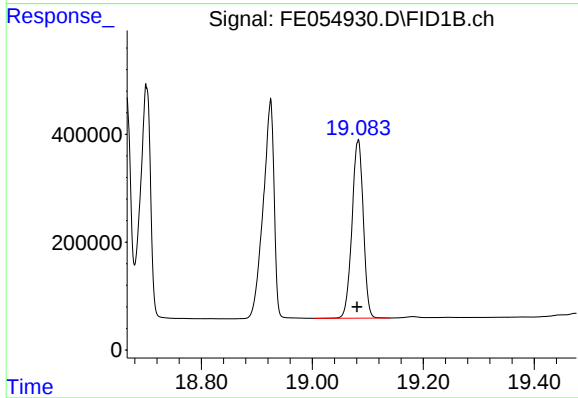
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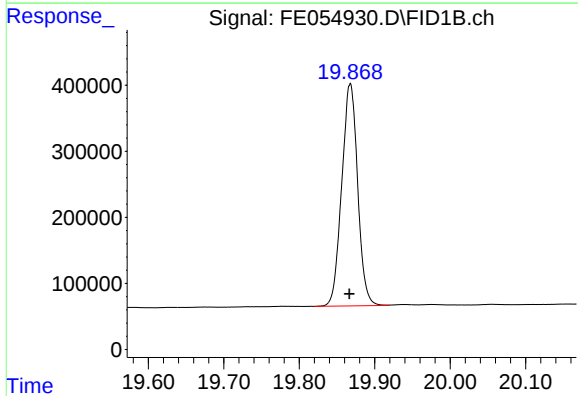
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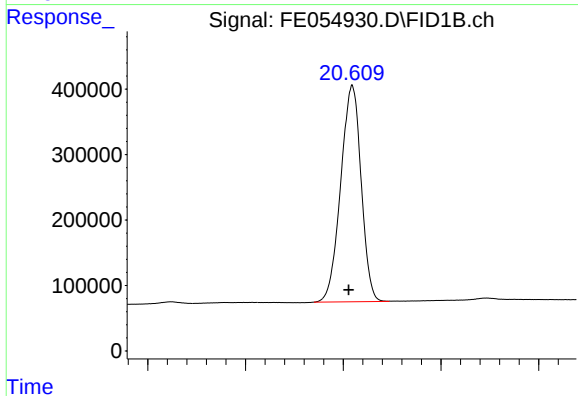
#18 n-Dotriacontane (C32)

R.T.: 19.083 min  
Delta R.T.: 0.002 min  
Response: 4679095  
Conc: 28.92 ug/ml



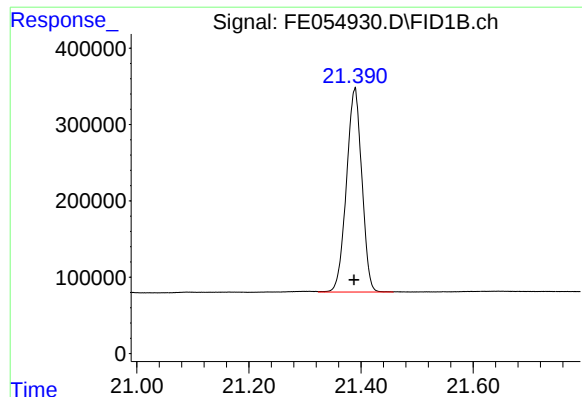
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min  
Delta R.T.: 0.001 min  
Response: 4936310  
Conc: 32.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.609 min  
Delta R.T.: 0.004 min  
Response: 4800547  
Conc: 35.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min  
Delta R.T.: 0.002 min  
Response: 5087193  
Conc: 43.38 ug/ml

Instrument :

FID\_E

ClientSampleId :

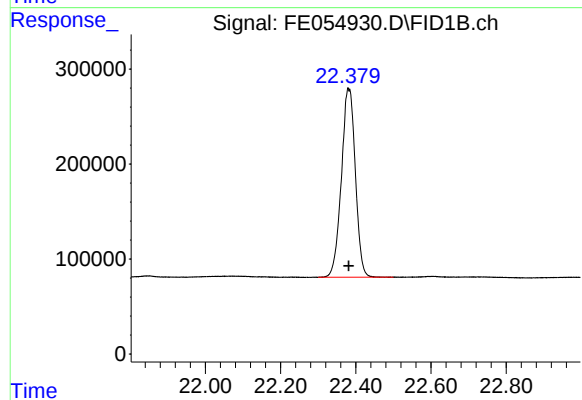
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#22 n-Tetracontane (C40)

R.T.: 22.381 min  
Delta R.T.: 0.000 min  
Response: 5115961  
Conc: 47.20 ug/ml