

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082025AL\  
 Data File : FE055407.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Aug 2025 13:03  
 Operator : YP\AJ  
 Sample : PB169321BSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB169321BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/21/2025  
 Supervised By :mohammad ahmed 08/22/2025

Integration File: autoint1.e  
 Quant Time: Aug 21 01:18:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 01 13:47:09 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)    | 12.086 | 6885059    | 48.213 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 96.43%        |
| 12) S 1-chlorooctadecane (S... | 13.522 | 5517277    | 51.312 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 102.62%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.434  | 5425671    | 47.274 ug/ml  |
| 2) T n-Decane (C10)            | 4.686  | 5780875    | 49.623 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.401  | 7175230    | 53.455 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.856  | 6157371    | 51.707 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.502  | 6665357    | 51.121 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.694  | 6399053    | 52.190 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.309 | 6706824    | 52.461 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.759 | 6821957    | 52.286 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.075 | 7050350    | 56.191 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.689 | 6808906    | 55.237 ug/ml  |
| 13) T n-Docosane (C22)         | 14.277 | 6730451    | 55.113 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.387 | 13924094   | 114.476 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.410 | 6556614    | 54.800 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.360 | 6558368    | 55.287 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.252 | 6631411    | 53.893 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.085 | 6526936    | 53.495 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.870 | 6425626    | 54.958 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.611 | 5693280    | 52.089 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.392 | 5148417    | 47.639 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.382 | 4707885    | 45.019 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 20 Aug 2025 13:03  
Operator : YP\AJ  
Sample : PB169321BSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

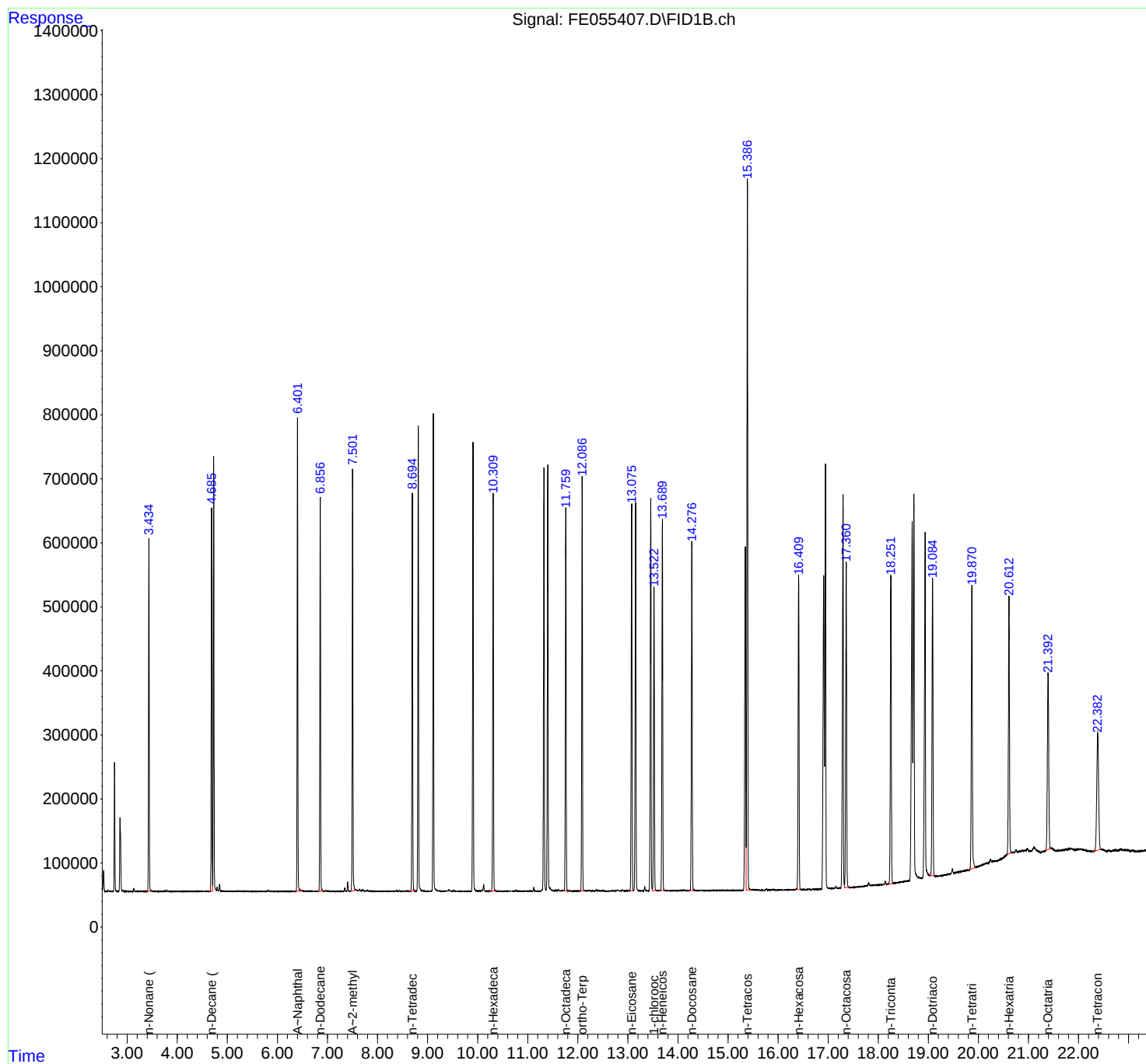
Instrument :  
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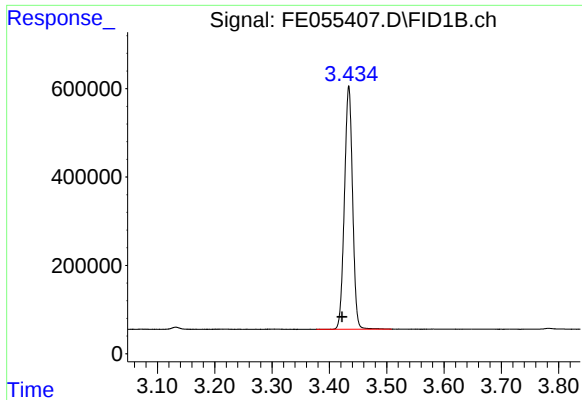
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 13:47:09 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.434 min  
Delta R.T.: 0.012 min  
Response: 5425671  
Conc: 47.27 ug/ml

Instrument :

FID\_E

ClientSampleId :

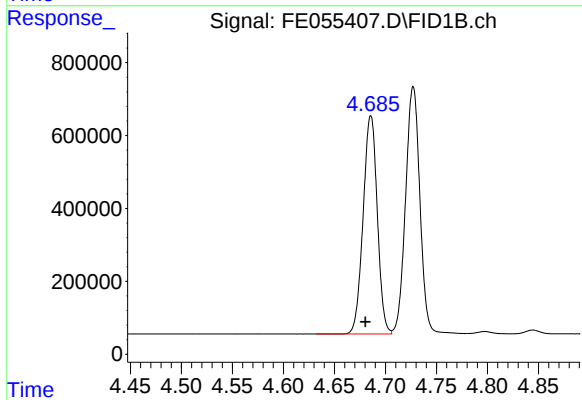
PB169321BSD

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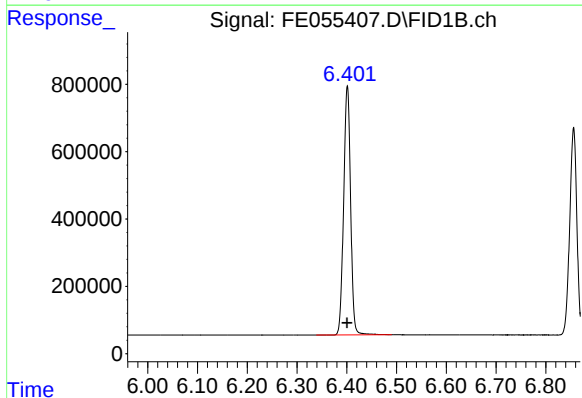
Reviewed By :Yogesh Patel 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



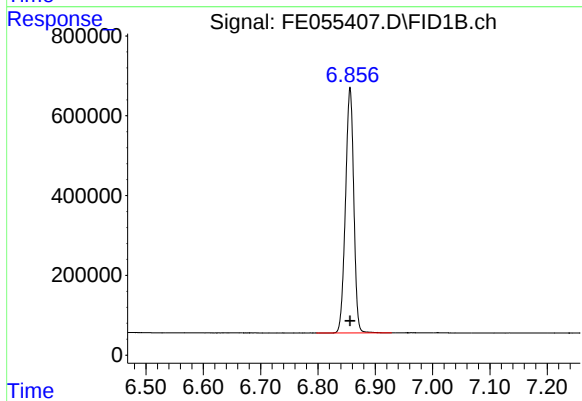
#2 n-Decane (C10)

R.T.: 4.686 min  
Delta R.T.: 0.005 min  
Response: 5780875  
Conc: 49.62 ug/ml



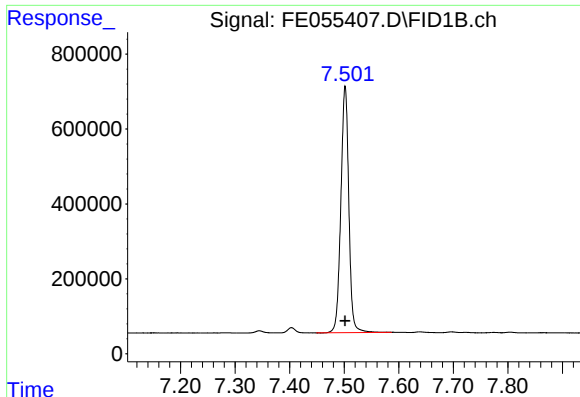
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min  
Delta R.T.: 0.000 min  
Response: 7175230  
Conc: 53.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 6157371  
Conc: 51.71 ug/ml



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

R.T.: 7.502 min  
Delta R.T.: 0.000 min  
Response: 6665357  
Conc: 51.12 ug/ml

Instrument :

FID\_E

ClientSampleId :

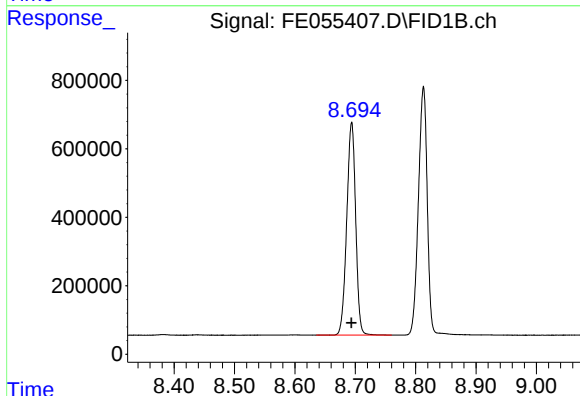
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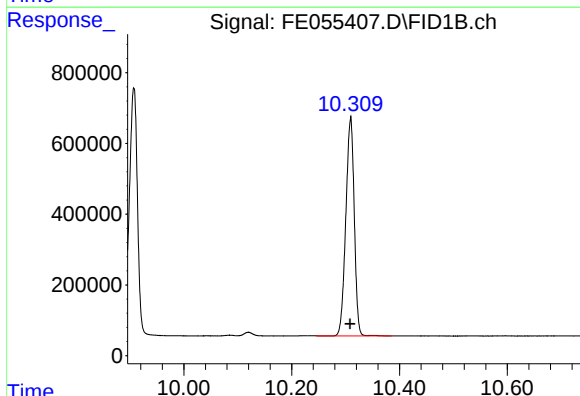
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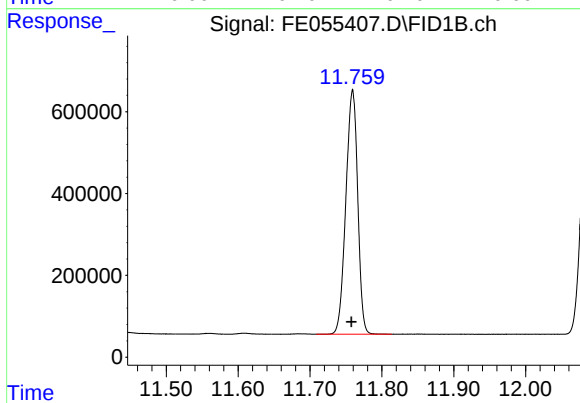
#6 n-Tetradecane (C14)

R.T.: 8.694 min  
Delta R.T.: 0.000 min  
Response: 6399053  
Conc: 52.19 ug/ml



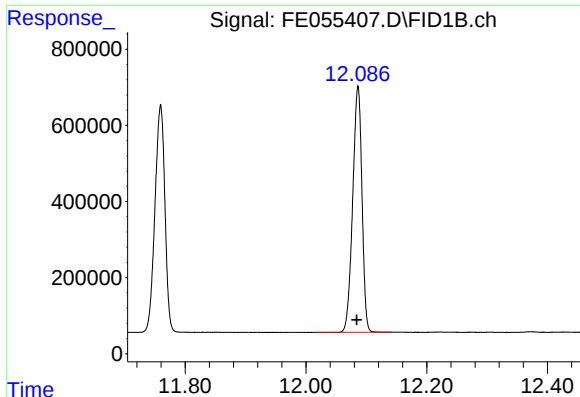
#7 n-Hexadecane (C16)

R.T.: 10.309 min  
Delta R.T.: 0.000 min  
Response: 6706824  
Conc: 52.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.759 min  
Delta R.T.: 0.001 min  
Response: 6821957  
Conc: 52.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min  
Delta R.T.: 0.002 min  
Response: 6885059  
Conc: 48.21 ug/ml

Instrument :

FID\_E

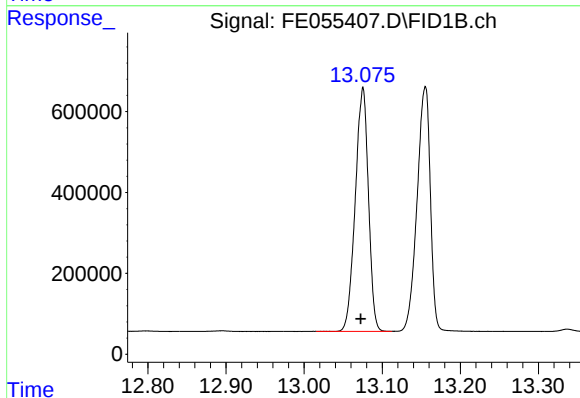
ClientSampleId :

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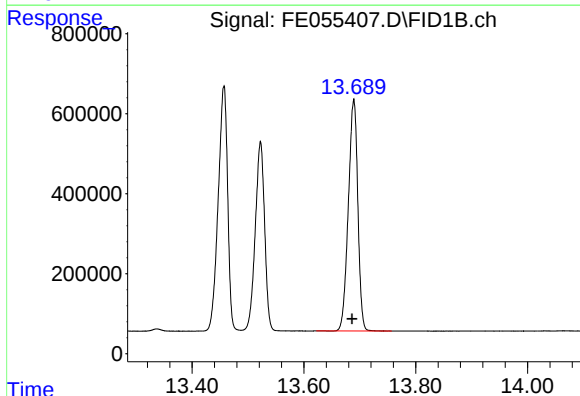
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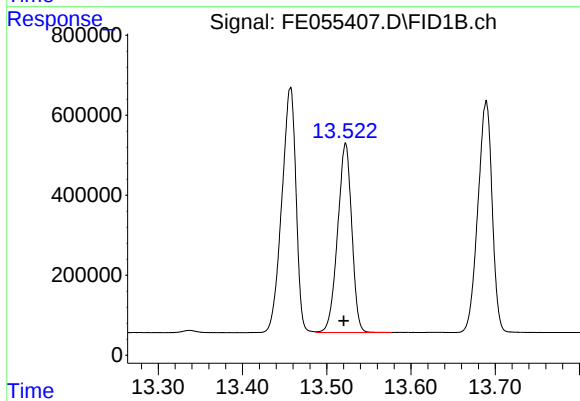
#10 n-Eicosane (C20)

R.T.: 13.075 min  
Delta R.T.: 0.003 min  
Response: 7050350  
Conc: 56.19 ug/ml



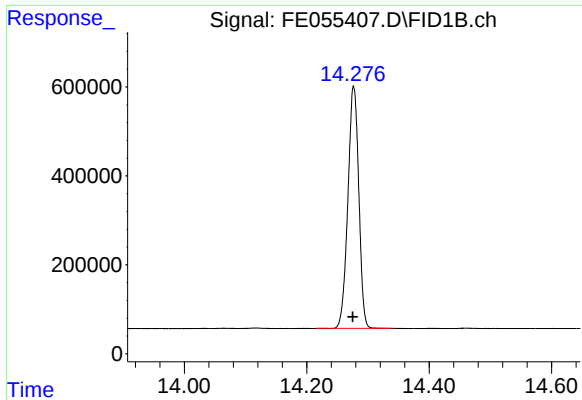
#11 n-Heneicosane (C21)

R.T.: 13.689 min  
Delta R.T.: 0.003 min  
Response: 6808906  
Conc: 55.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min  
Delta R.T.: 0.002 min  
Response: 5517277  
Conc: 51.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.277 min  
Delta R.T.: 0.002 min  
Response: 6730451  
Conc: 55.11 ug/ml

Instrument :

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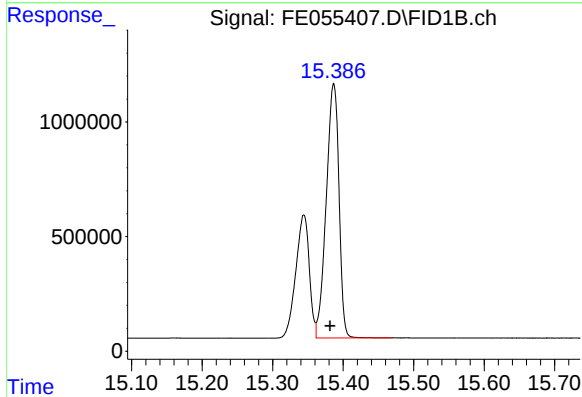
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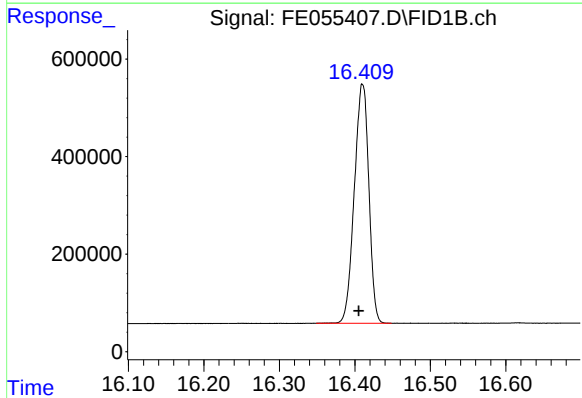
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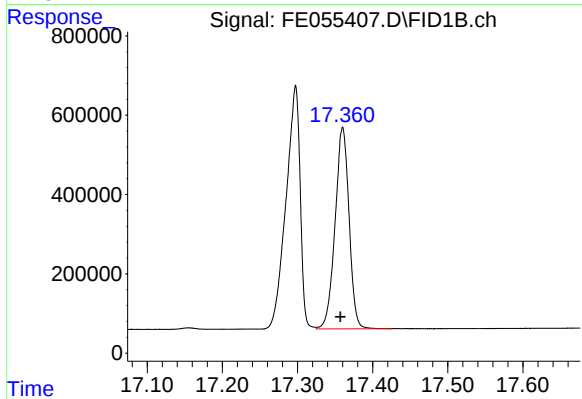
#14 n-Tetracosane (C24)

R.T.: 15.387 min  
Delta R.T.: 0.005 min  
Response: 13924094  
Conc: 114.48 ug/ml



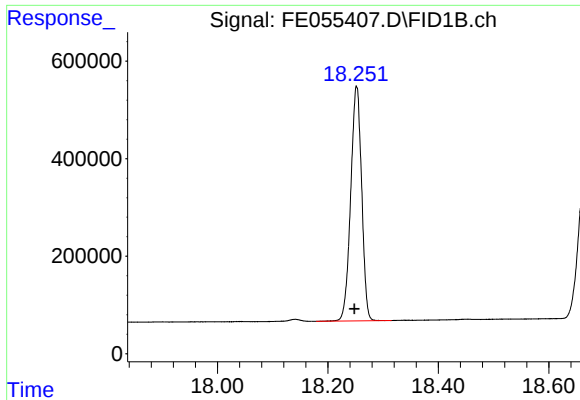
#15 n-Hexacosane (C26)

R.T.: 16.410 min  
Delta R.T.: 0.005 min  
Response: 6556614  
Conc: 54.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.360 min  
Delta R.T.: 0.003 min  
Response: 6558368  
Conc: 55.29 ug/ml



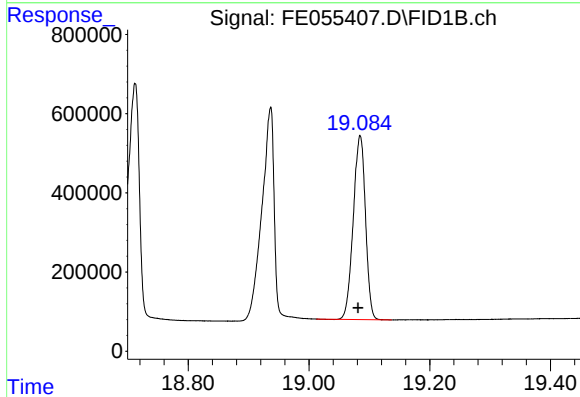
#17 n-Tricontane (C30)

R.T.: 18.252 min  
Delta R.T.: 0.004 min  
Response: 6631411  
Conc: 53.89 ug/ml

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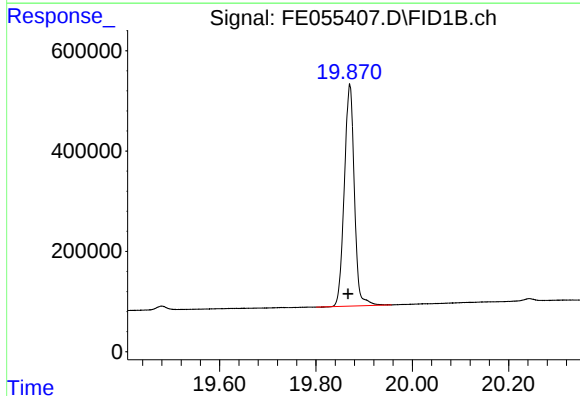
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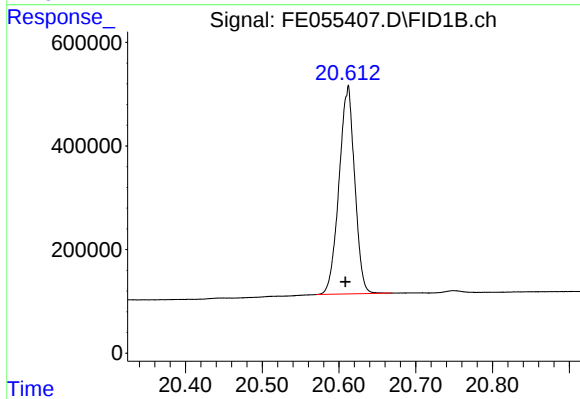
#18 n-Dotriacontane (C32)

R.T.: 19.085 min  
Delta R.T.: 0.003 min  
Response: 6526936  
Conc: 53.49 ug/ml



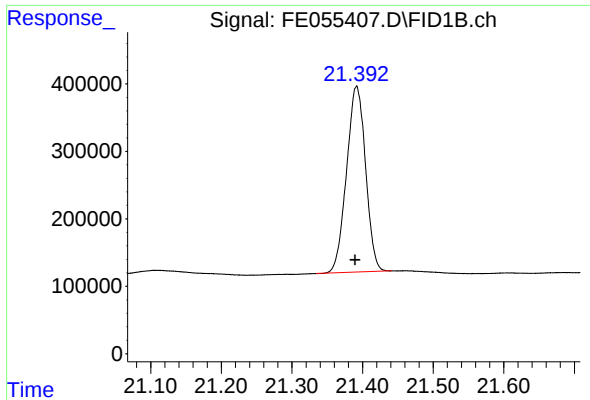
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min  
Delta R.T.: 0.003 min  
Response: 6425626  
Conc: 54.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min  
Delta R.T.: 0.003 min  
Response: 5693280  
Conc: 52.09 ug/ml



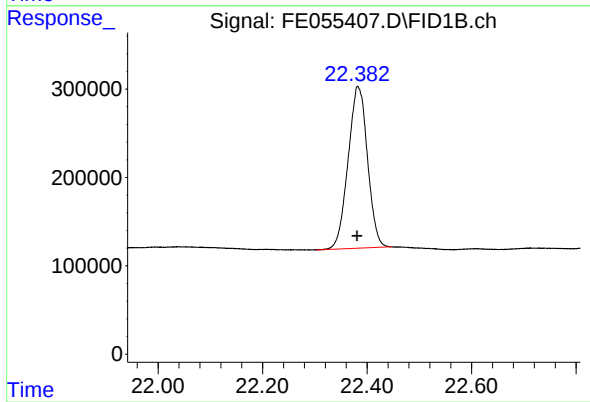
#21 n-Octatriacontane (C38)

R.T.: 21.392 min  
Delta R.T.: 0.002 min  
Response: 5148417  
Conc: 47.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.382 min  
Delta R.T.: 0.000 min  
Response: 4707885  
Conc: 45.02 ug/ml m