

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012325AL\  
 Data File : FE052015.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Jan 2025 14:35  
 Operator : YP\AJ  
 Sample : PB166186BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB166186BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025  
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e  
 Quant Time: Jan 24 01:50:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 16:05:07 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)    | 12.205 | 4917791    | 34.408 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.82%        |
| 12) S 1-chlorooctadecane (S... | 13.619 | 4057499    | 35.370 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.74%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.691  | 4169616    | 39.110 ug/ml  |
| 2) T n-Decane (C10)            | 4.914  | 4456504    | 40.707 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.607  | 5342811    | 43.968 ug/ml  |
| 4) T n-Dodecane (C12)          | 7.039  | 4704351    | 41.681 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.686  | 5006907    | 41.939 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.846  | 4909784    | 42.213 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.438 | 4972080    | 39.423 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.872 | 5020825    | 37.948 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.174 | 5158994    | 39.353 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.783 | 4930593    | 37.880 ug/ml  |
| 13) T n-Docosane (C22)         | 14.366 | 4882567    | 37.205 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.469 | 9649039    | 72.642 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.482 | 4665042    | 35.292 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.427 | 4556260    | 34.521 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.313 | 4586710    | 33.641 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.142 | 4641935    | 35.420 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.925 | 5072733    | 45.058 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.664 | 5578318    | 58.730 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.453 | 6227847    | 72.096 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.458 | 6864081    | 83.291 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 23 Jan 2025 14:35  
Operator : YP\AJ  
Sample : PB166186BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

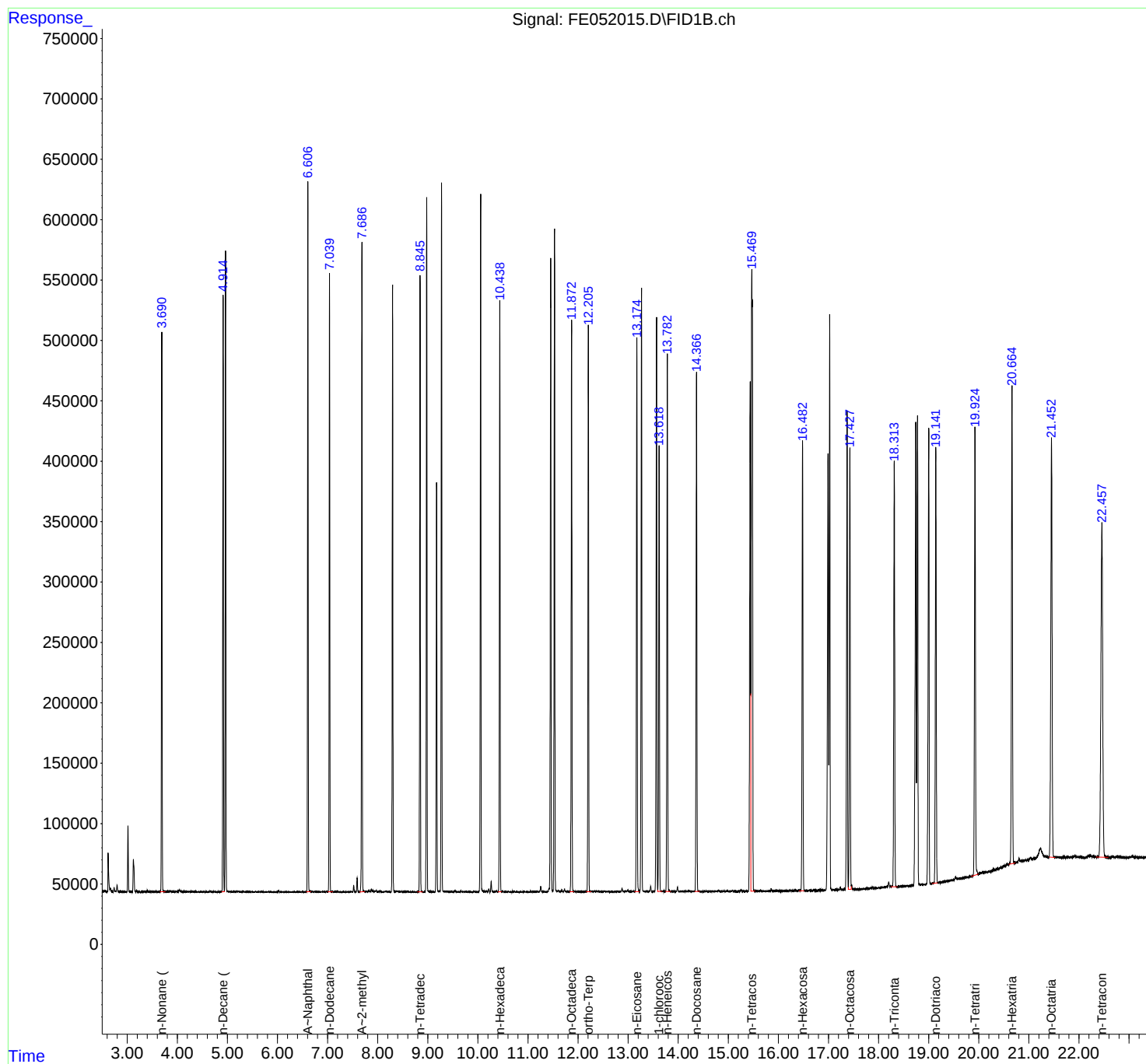
Instrument :  
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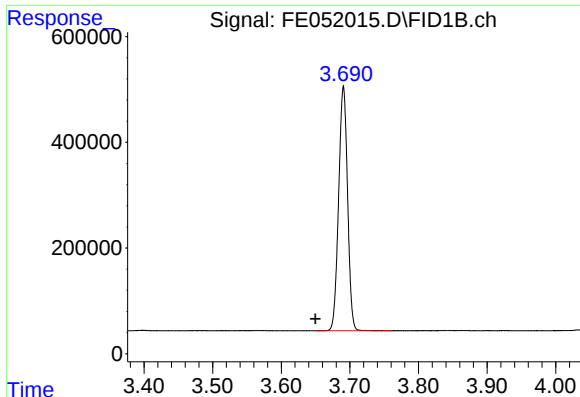
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.691 min  
Delta R.T.: 0.041 min  
Response: 4169616  
Conc: 39.11 ug/ml

Instrument :

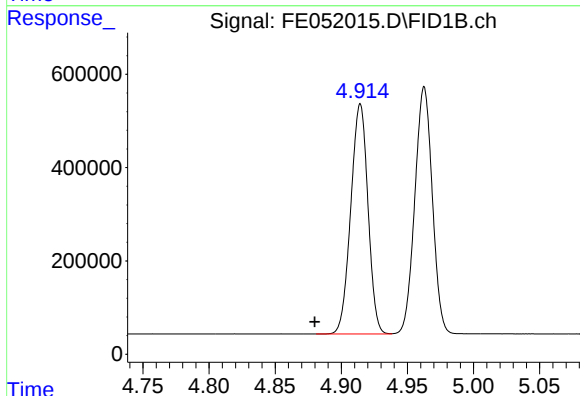
FID\_E

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PB166186BSD

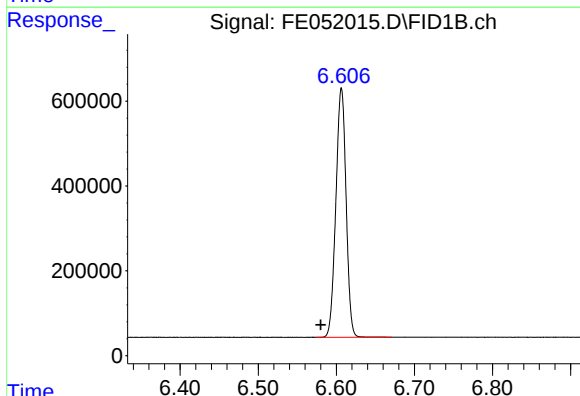
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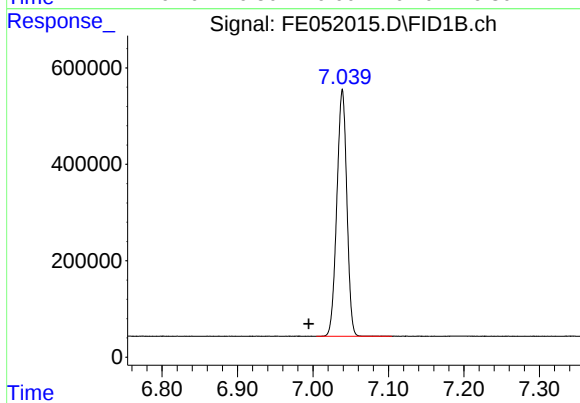
#2 n-Decane (C10)

R.T.: 4.914 min  
Delta R.T.: 0.034 min  
Response: 4456504  
Conc: 40.71 ug/ml



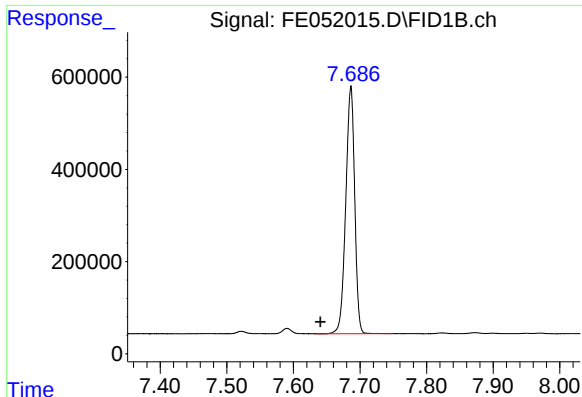
#3 A~Naphthalene (C11.7)

R.T.: 6.607 min  
Delta R.T.: 0.027 min  
Response: 5342811  
Conc: 43.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.039 min  
Delta R.T.: 0.045 min  
Response: 4704351  
Conc: 41.68 ug/ml



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

R.T.: 7.686 min  
Delta R.T.: 0.046 min  
Response: 5006907  
Conc: 41.94 ug/ml

Instrument :

FID\_E

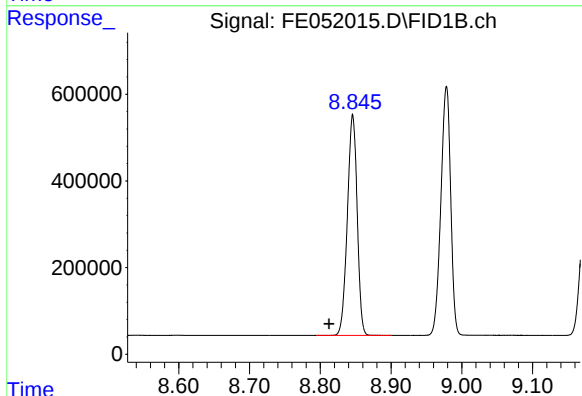
ClientSampleId :

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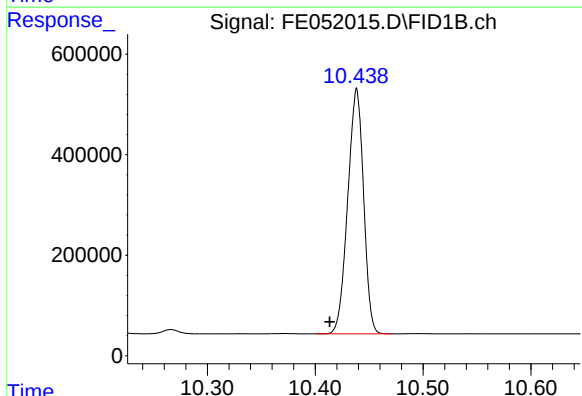
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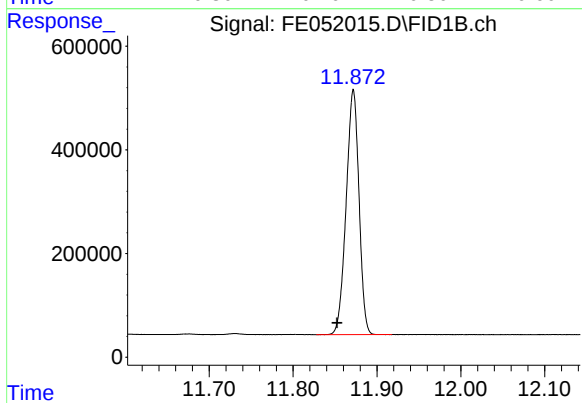
#6 n-Tetradecane (C14)

R.T.: 8.846 min  
Delta R.T.: 0.034 min  
Response: 4909784  
Conc: 42.21 ug/ml



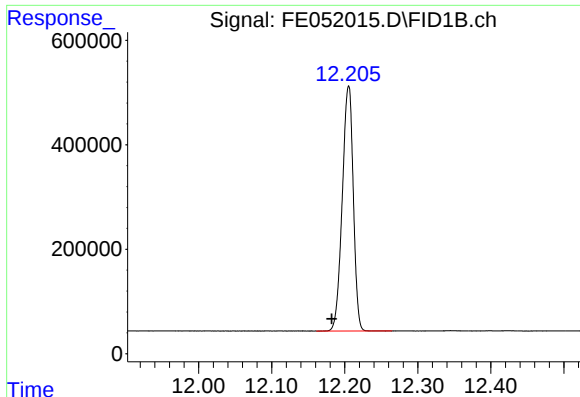
#7 n-Hexadecane (C16)

R.T.: 10.438 min  
Delta R.T.: 0.025 min  
Response: 4972080  
Conc: 39.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.872 min  
Delta R.T.: 0.019 min  
Response: 5020825  
Conc: 37.95 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.205 min  
Delta R.T.: 0.023 min  
Response: 4917791  
Conc: 34.41 ug/ml

Instrument :

FID\_E

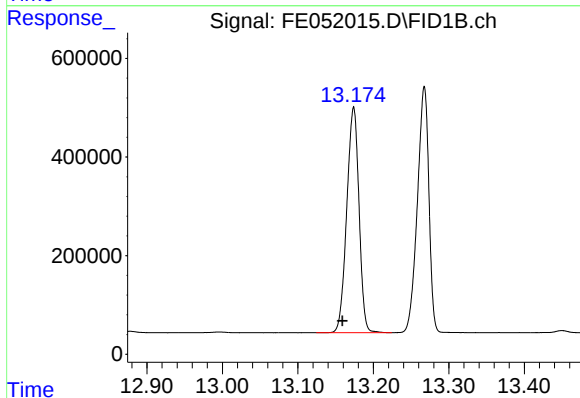
ClientSampleId :

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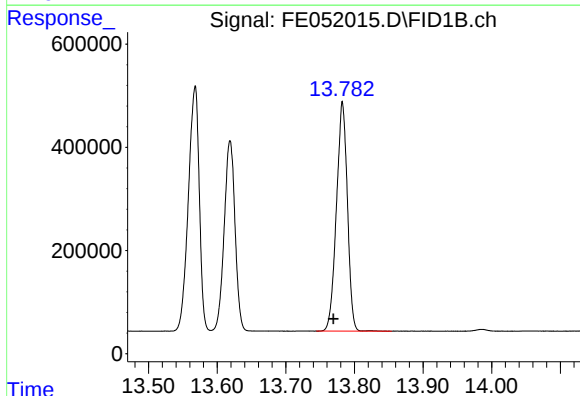
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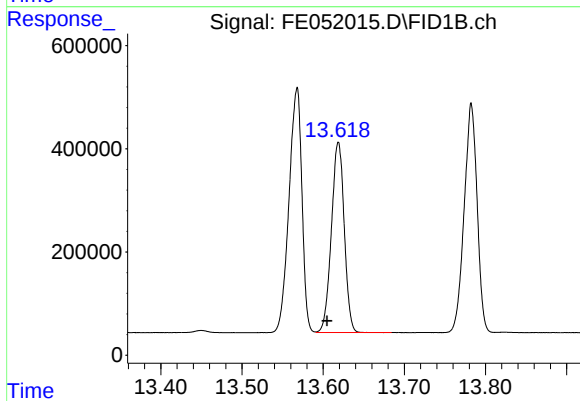
#10 n-Eicosane (C20)

R.T.: 13.174 min  
Delta R.T.: 0.015 min  
Response: 5158994  
Conc: 39.35 ug/ml



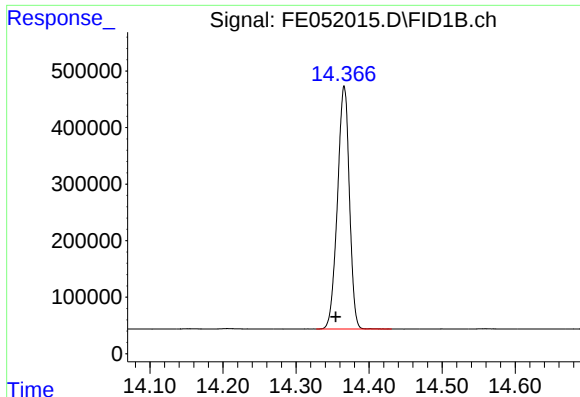
#11 n-Heneicosane (C21)

R.T.: 13.783 min  
Delta R.T.: 0.013 min  
Response: 4930593  
Conc: 37.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.619 min  
Delta R.T.: 0.014 min  
Response: 4057499  
Conc: 35.37 ug/ml



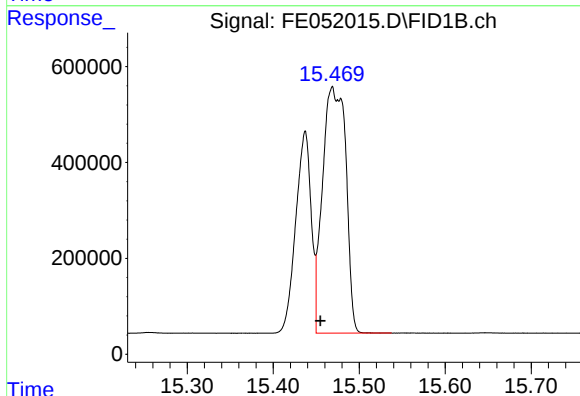
#13 n-Docosane (C22)

R.T.: 14.366 min  
Delta R.T.: 0.012 min  
Response: 4882567  
Conc: 37.20 ug/ml

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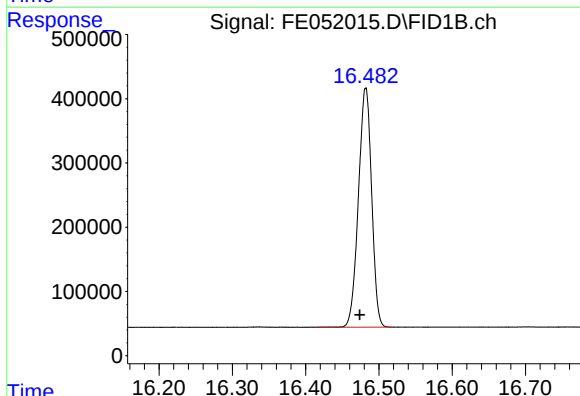
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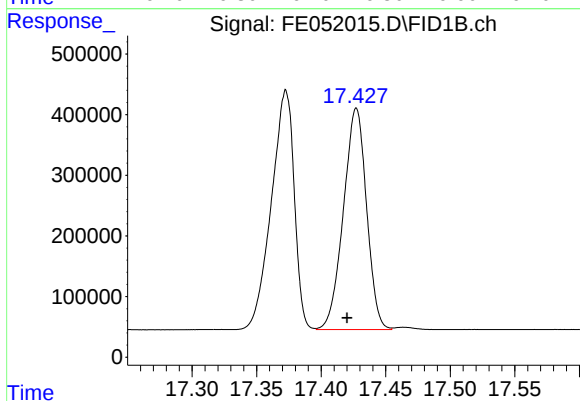
#14 n-Tetracosane (C24)

R.T.: 15.469 min  
Delta R.T.: 0.014 min  
Response: 9649039  
Conc: 72.64 ug/ml



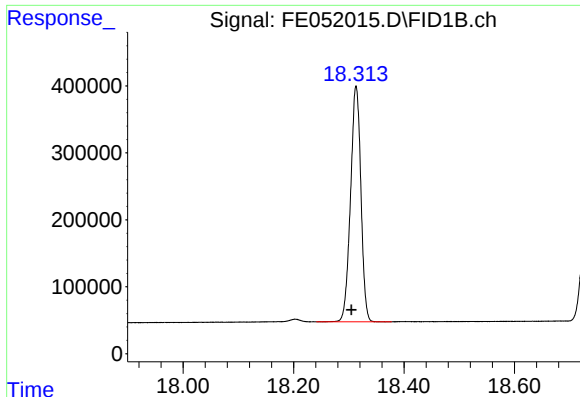
#15 n-Hexacosane (C26)

R.T.: 16.482 min  
Delta R.T.: 0.009 min  
Response: 4665042  
Conc: 35.29 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.427 min  
Delta R.T.: 0.007 min  
Response: 4556260  
Conc: 34.52 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.313 min  
Delta R.T.: 0.008 min  
Response: 4586710  
Conc: 33.64 ug/ml

Instrument :

FID\_E

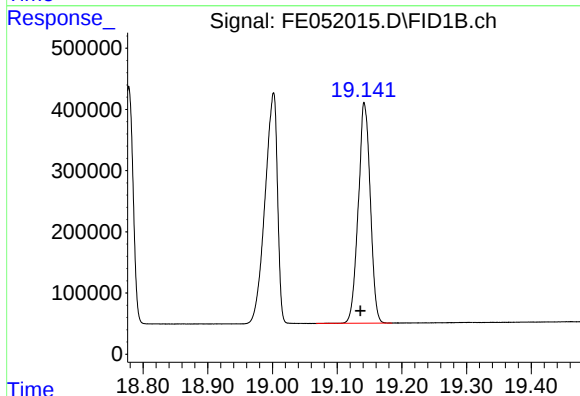
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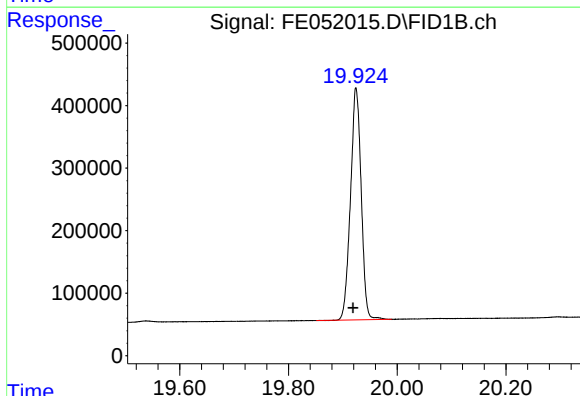
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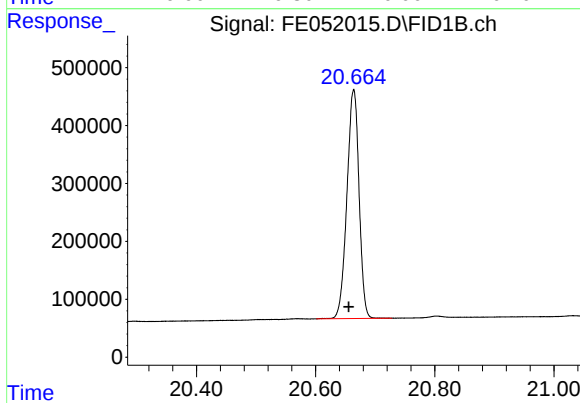
#18 n-Dotriacontane (C32)

R.T.: 19.142 min  
Delta R.T.: 0.007 min  
Response: 4641935  
Conc: 35.42 ug/ml



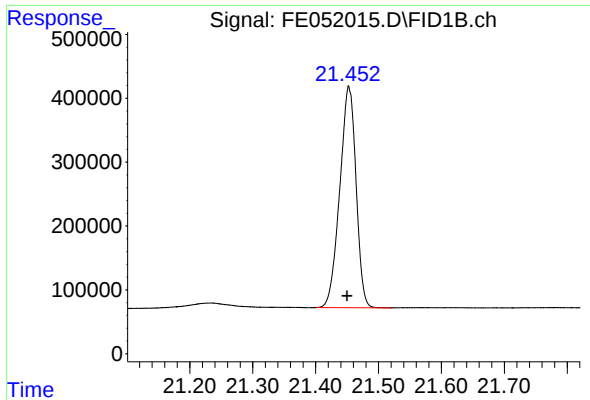
#19 n-Tetratriacontane (C34)

R.T.: 19.925 min  
Delta R.T.: 0.006 min  
Response: 5072733  
Conc: 45.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.664 min  
Delta R.T.: 0.008 min  
Response: 5578318  
Conc: 58.73 ug/ml



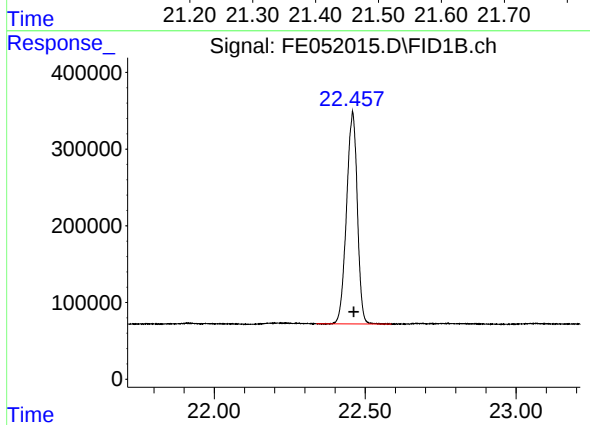
#21 n-Octatriacontane (C38)

R.T.: 21.453 min  
Delta R.T.: 0.003 min  
Response: 6227847  
Conc: 72.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.458 min  
Delta R.T.: -0.004 min  
Response: 6864081  
Conc: 83.29 ug/ml