

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120525AL\  
 Data File : FE057195.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Dec 2025 16:05  
 Operator : YP\AJ  
 Sample : PB170837BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB170837BSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025  
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e  
 Quant Time: Dec 05 22:20:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 112725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 01 08:04:59 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)    | 11.933 | 7190044    | 32.765 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.53%        |
| 12) S 1-chlorooctadecane (S... | 13.370 | 4982967    | 29.941 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.88%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.300  | 5142977    | 26.292 ug/ml  |
| 2) T n-Decane (C10)            | 4.549  | 5307771    | 26.242 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.263  | 6782434    | 33.688 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.718  | 5723015    | 28.041 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.362  | 6137638    | 31.942 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.552  | 5802936    | 28.830 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.162 | 5679393    | 27.694 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.609 | 5657958    | 27.451 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.922 | 5625426    | 28.598 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.536 | 5508361    | 28.671 ug/ml  |
| 13) T n-Docosane (C22)         | 14.123 | 5432026    | 28.139 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.231 | 12656640   | 63.904 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.253 | 5316284    | 26.797 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.206 | 6831627    | 33.244 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.095 | 5130670    | 22.861 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.927 | 4648462    | 19.913 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.712 | 3643664    | 17.059 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.453 | 2648018    | 14.227 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.198 | 2120234    | 12.234 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.127 | 1863629    | 11.059 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 05 Dec 2025 16:05  
Operator : YP\AJ  
Sample : PB170837BSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

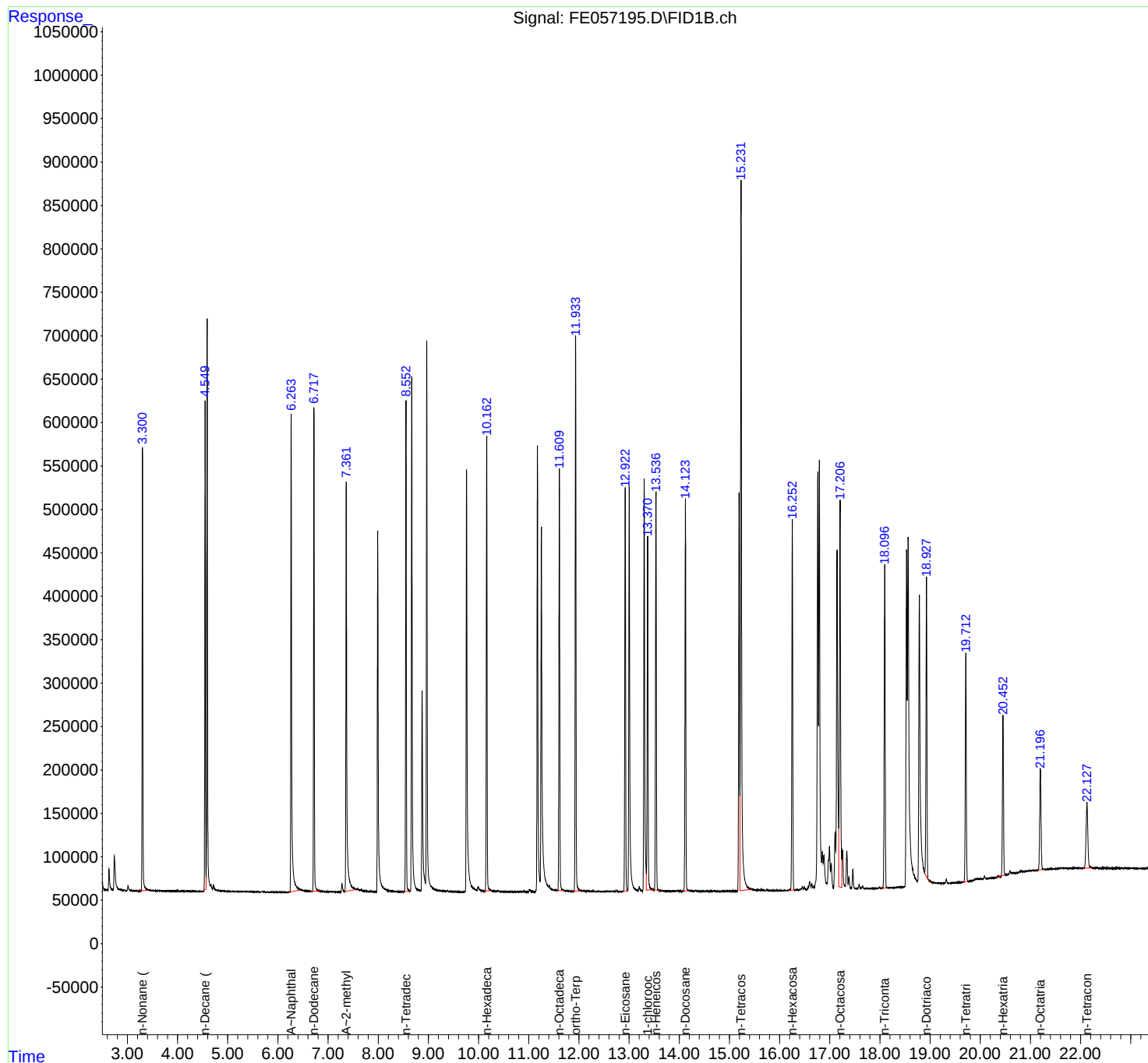
Instrument :  
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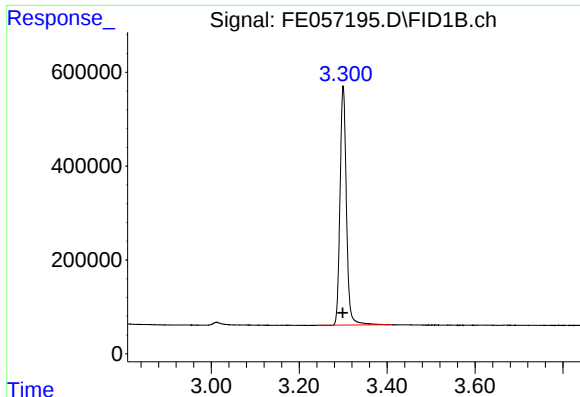
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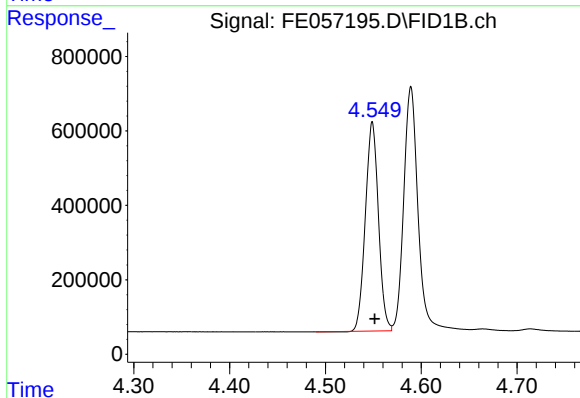
#1 n-Nonane (C9)

R.T.: 3.300 min  
Delta R.T.: 0.001 min  
Response: 5142977  
Conc: 26.29 ug/ml

Instrument :  
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ClientSampleId :  
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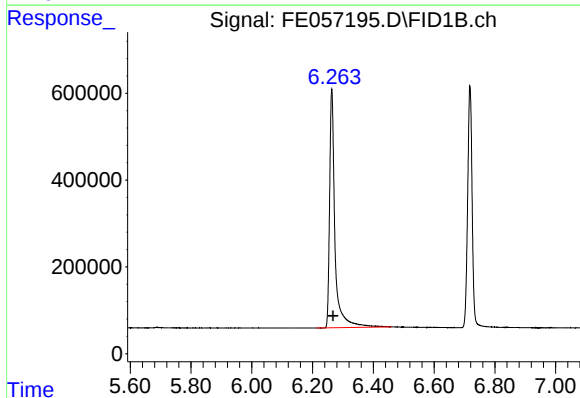
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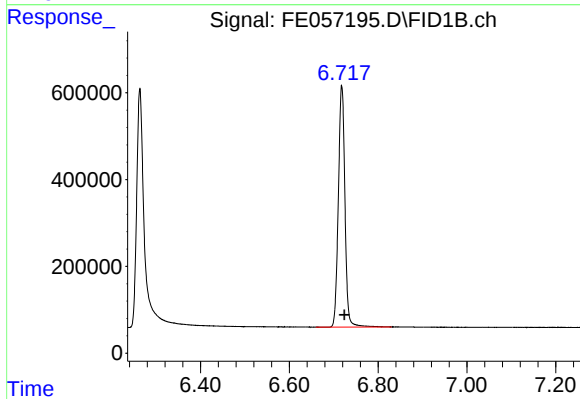
#2 n-Decane (C10)

R.T.: 4.549 min  
Delta R.T.: -0.002 min  
Response: 5307771  
Conc: 26.24 ug/ml



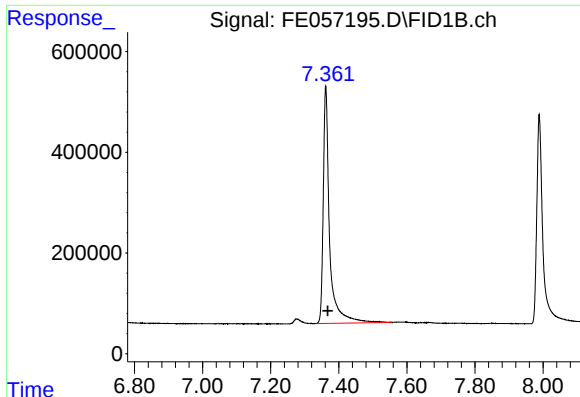
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min  
Delta R.T.: -0.005 min  
Response: 6782434  
Conc: 33.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min  
Delta R.T.: -0.006 min  
Response: 5723015  
Conc: 28.04 ug/ml



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

R.T.: 7.362 min  
Delta R.T.: -0.006 min  
Response: 6137638  
Conc: 31.94 ug/ml

Instrument :

FID\_E

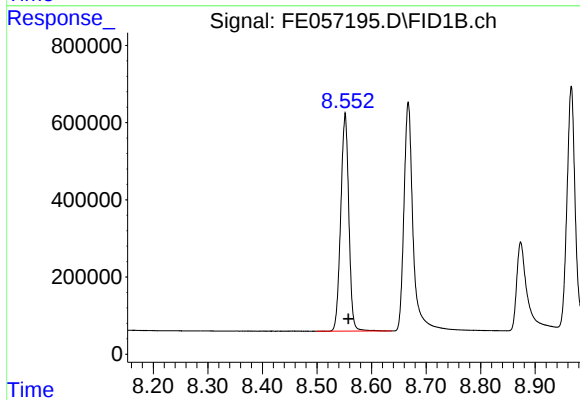
ClientSampleId :

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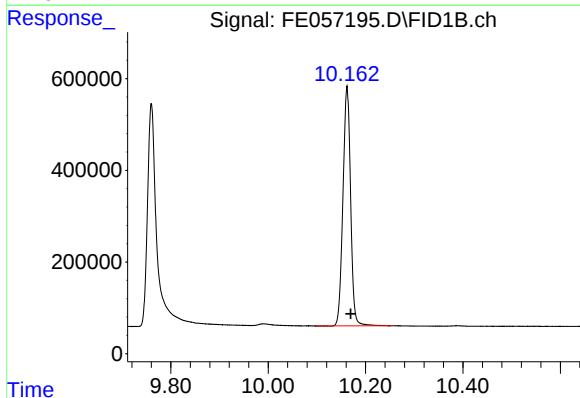
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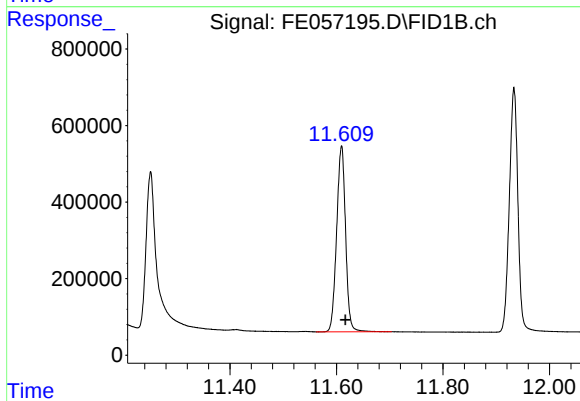
#6 n-Tetradecane (C14)

R.T.: 8.552 min  
Delta R.T.: -0.006 min  
Response: 5802936  
Conc: 28.83 ug/ml



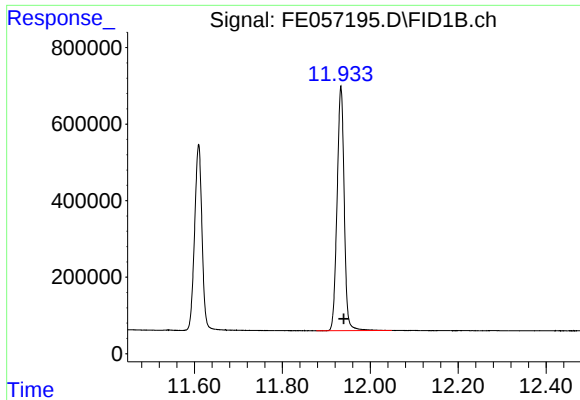
#7 n-Hexadecane (C16)

R.T.: 10.162 min  
Delta R.T.: -0.008 min  
Response: 5679393  
Conc: 27.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min  
Delta R.T.: -0.007 min  
Response: 5657958  
Conc: 27.45 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min  
Delta R.T.: -0.007 min  
Response: 7190044  
Conc: 32.77 ug/ml

Instrument :

FID\_E

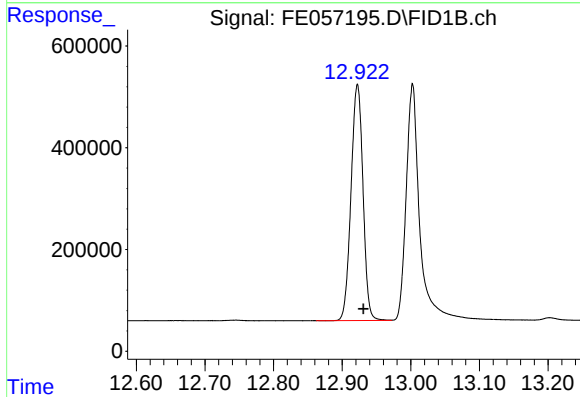
ClientSampleId :

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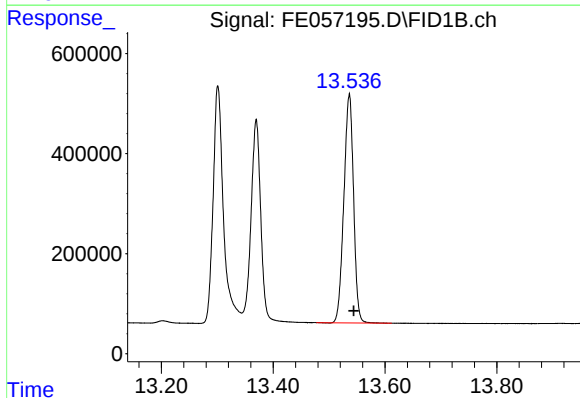
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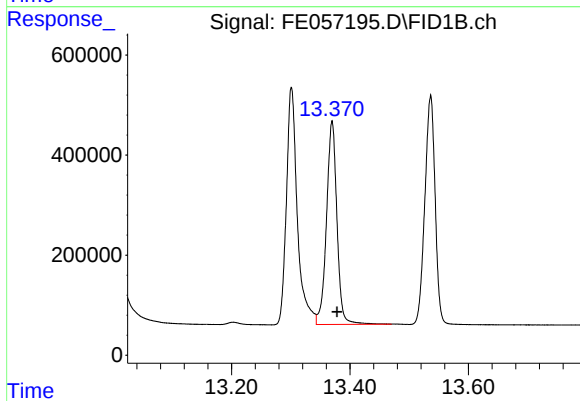
#10 n-Eicosane (C20)

R.T.: 12.922 min  
Delta R.T.: -0.008 min  
Response: 5625426  
Conc: 28.60 ug/ml



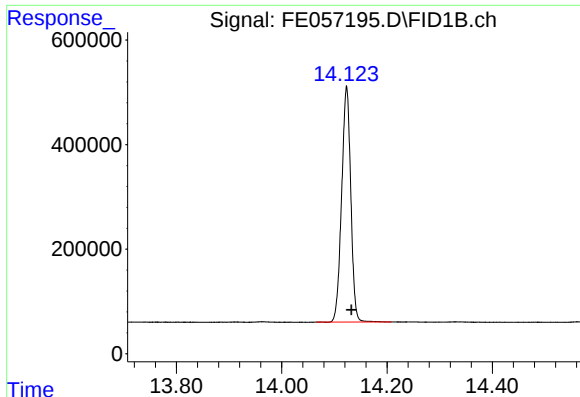
#11 n-Heneicosane (C21)

R.T.: 13.536 min  
Delta R.T.: -0.008 min  
Response: 5508361  
Conc: 28.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min  
Delta R.T.: -0.009 min  
Response: 4982967  
Conc: 29.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min  
Delta R.T.: -0.009 min  
Response: 5432026  
Conc: 28.14 ug/ml

Instrument :

FID\_E

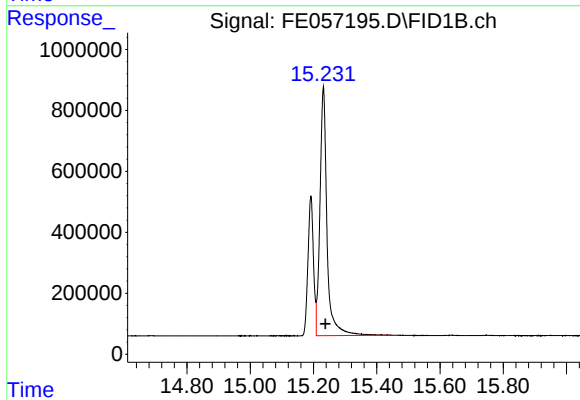
ClientSampleId :

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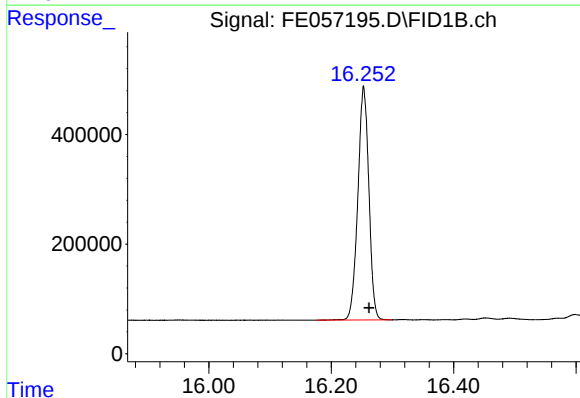
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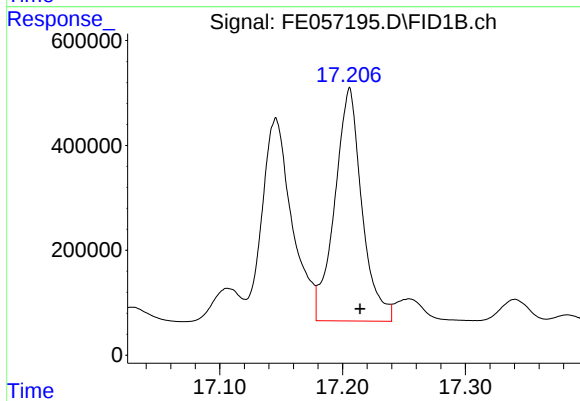
#14 n-Tetracosane (C24)

R.T.: 15.231 min  
Delta R.T.: -0.007 min  
Response: 12656640  
Conc: 63.90 ug/ml



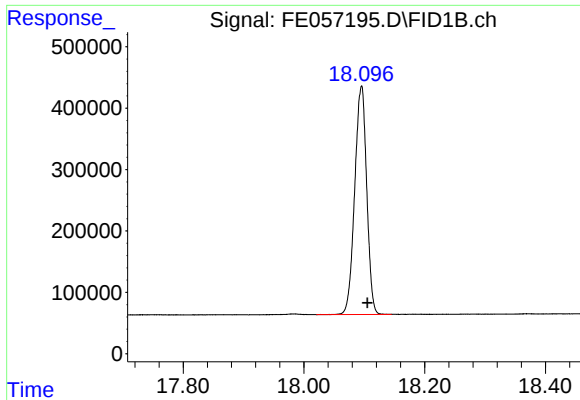
#15 n-Hexacosane (C26)

R.T.: 16.253 min  
Delta R.T.: -0.009 min  
Response: 5316284  
Conc: 26.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min  
Delta R.T.: -0.009 min  
Response: 6831627  
Conc: 33.24 ug/ml m



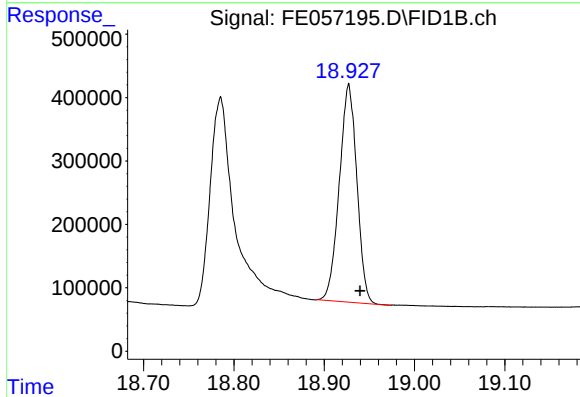
#17 n-Tricontane (C30)

R.T.: 18.095 min  
Delta R.T.: -0.010 min  
Response: 5130670  
Conc: 22.86 ug/ml

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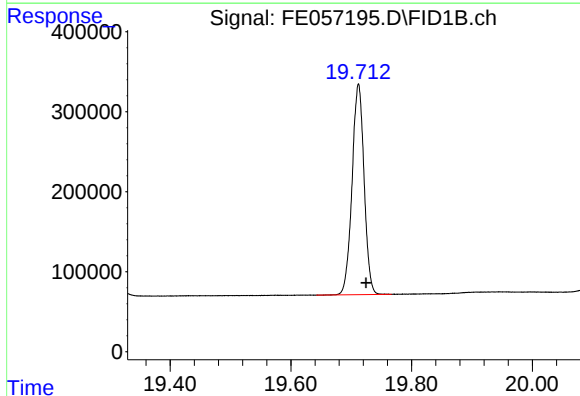
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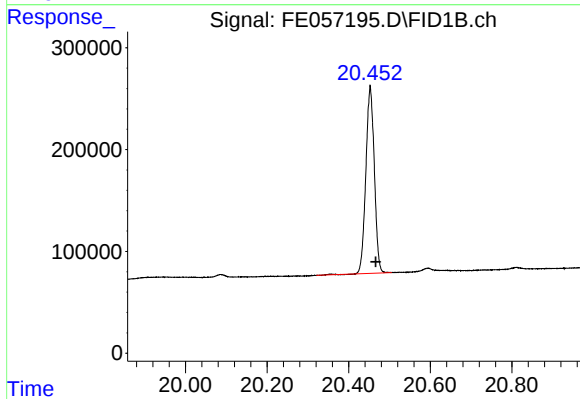
#18 n-Dotriacontane (C32)

R.T.: 18.927 min  
Delta R.T.: -0.013 min  
Response: 4648462  
Conc: 19.91 ug/ml m



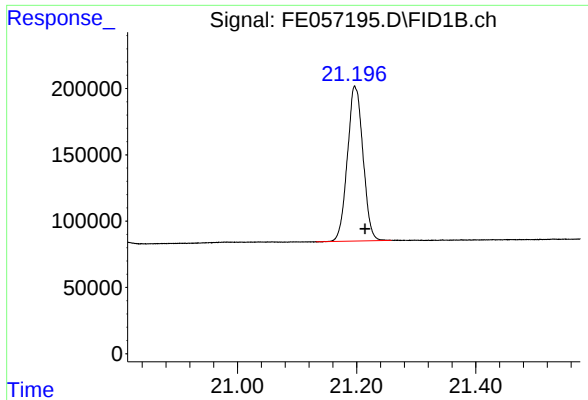
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min  
Delta R.T.: -0.013 min  
Response: 3643664  
Conc: 17.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min  
Delta R.T.: -0.013 min  
Response: 2648018  
Conc: 14.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min  
Delta R.T.: -0.016 min  
Response: 2120234  
Conc: 12.23 ug/ml

Instrument :

FID\_E

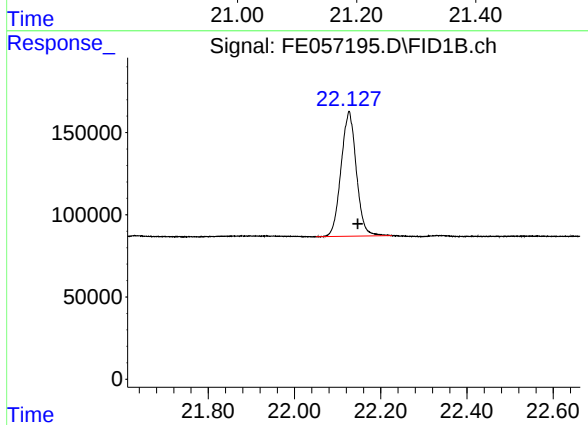
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#22 n-Tetracontane (C40)

R.T.: 22.127 min  
Delta R.T.: -0.020 min  
Response: 1863629  
Conc: 11.06 ug/ml