

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012225AL\  
 Data File : FE051996.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Jan 2025 14:08  
 Operator : YP\AJ  
 Sample : PB166164BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB166164BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/23/2025  
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e  
 Quant Time: Jan 23 01:40:37 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)    | 12.199 | 4530797    | 31.700 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 63.40%        |
| 12) S 1-chlorooctadecane (S... | 13.613 | 3757339    | 32.754 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.51%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.679  | 3995952    | 37.481 ug/ml  |
| 2) T n-Decane (C10)            | 4.905  | 4260420    | 38.915 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.598  | 5056306    | 41.610 ug/ml  |
| 4) T n-Dodecane (C12)          | 7.032  | 4464106    | 39.552 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.678  | 4727550    | 39.599 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.839  | 4642559    | 39.916 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.433 | 4707914    | 37.329 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.866 | 4765595    | 36.019 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.168 | 4907364    | 37.434 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.777 | 4701107    | 36.117 ug/ml  |
| 13) T n-Docosane (C22)         | 14.360 | 4663692    | 35.537 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.465 | 9303057    | 70.037 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.475 | 4469962    | 33.816 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.420 | 4403134    | 33.361 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.305 | 4381235    | 32.134 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.135 | 4439635    | 33.876 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.916 | 4861839    | 43.184 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.654 | 5290872    | 55.704 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.439 | 5869728    | 67.951 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.441 | 6447417    | 78.235 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

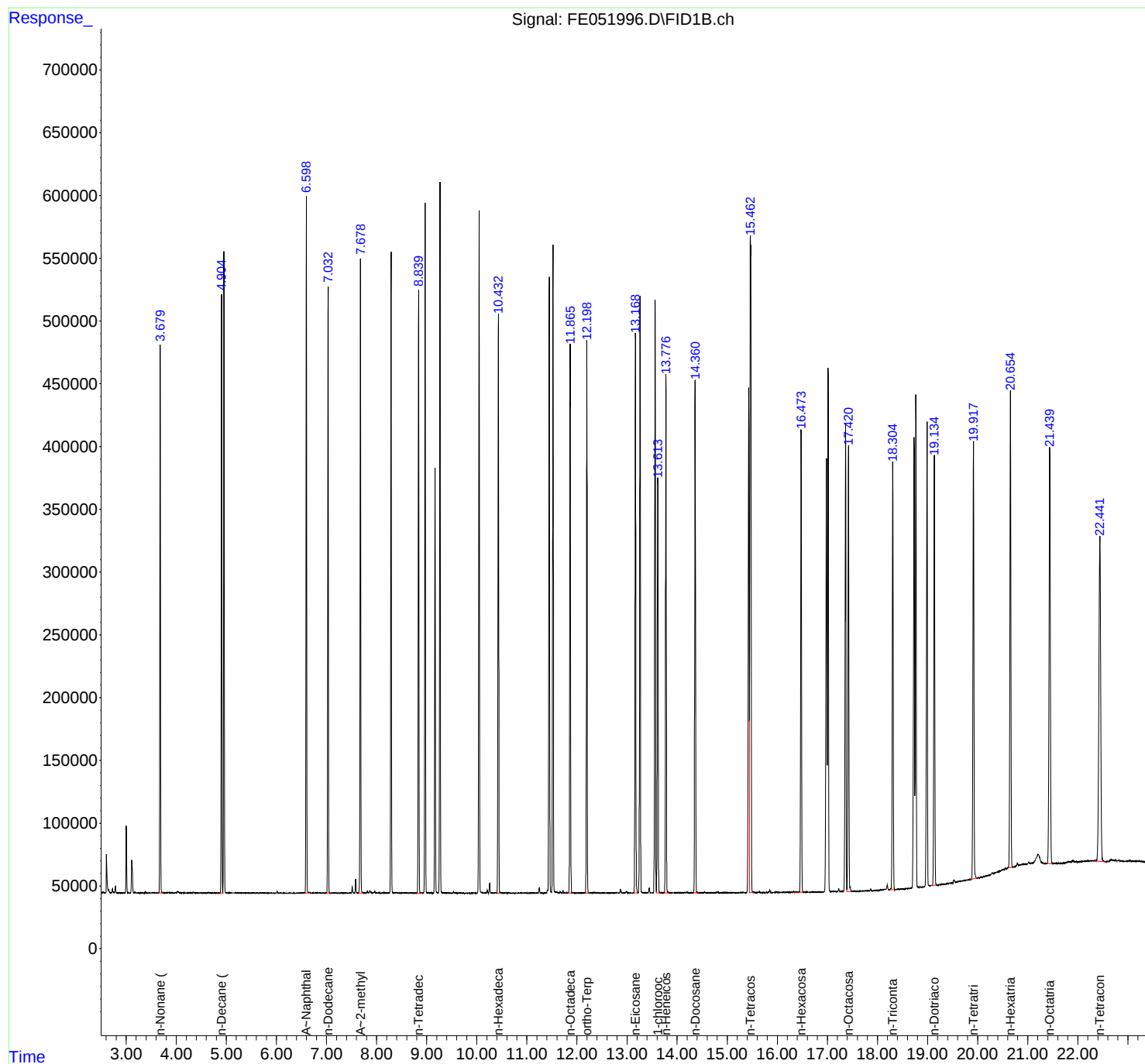
Instrument :  
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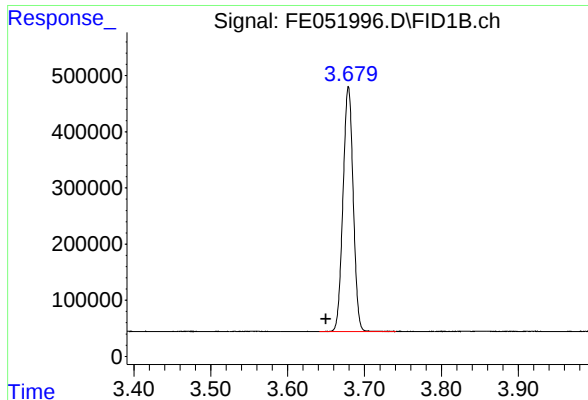
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.679 min  
Delta R.T.: 0.029 min  
Response: 3995952  
Conc: 37.48 ug/ml

Instrument :

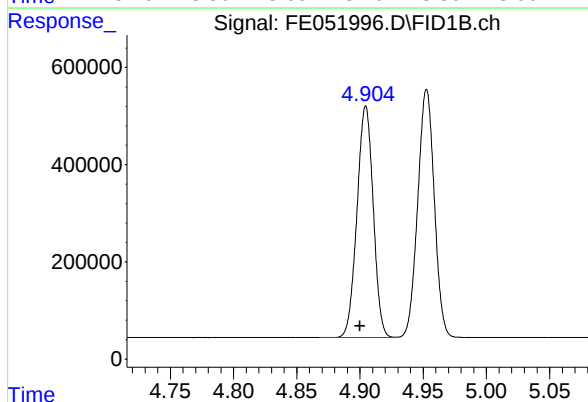
FID\_E

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PB166164BSD

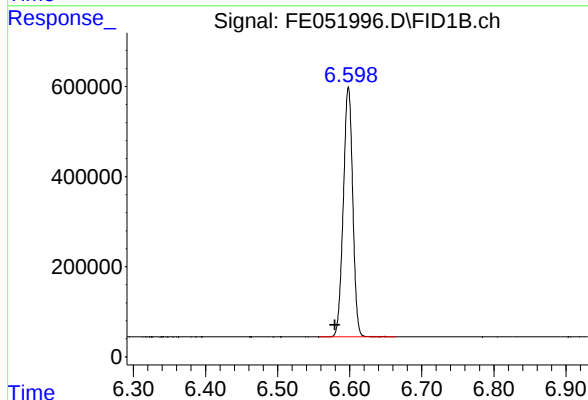
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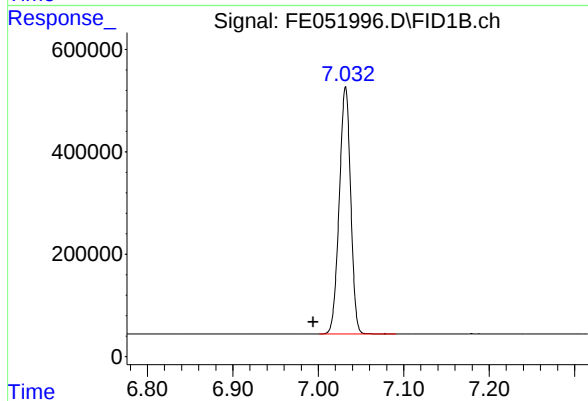
#2 n-Decane (C10)

R.T.: 4.905 min  
Delta R.T.: 0.005 min  
Response: 4260420  
Conc: 38.92 ug/ml



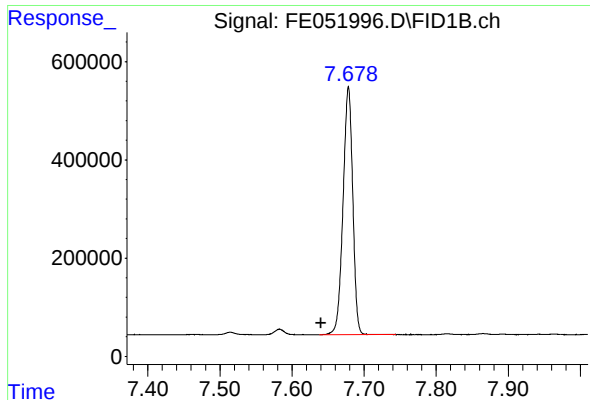
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min  
Delta R.T.: 0.018 min  
Response: 5056306  
Conc: 41.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.032 min  
Delta R.T.: 0.038 min  
Response: 4464106  
Conc: 39.55 ug/ml



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

R.T.: 7.678 min  
Delta R.T.: 0.038 min  
Response: 4727550  
Conc: 39.60 ug/ml

Instrument :

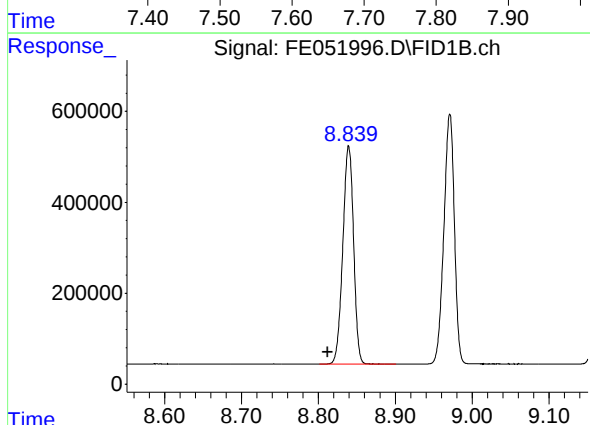
FID\_E

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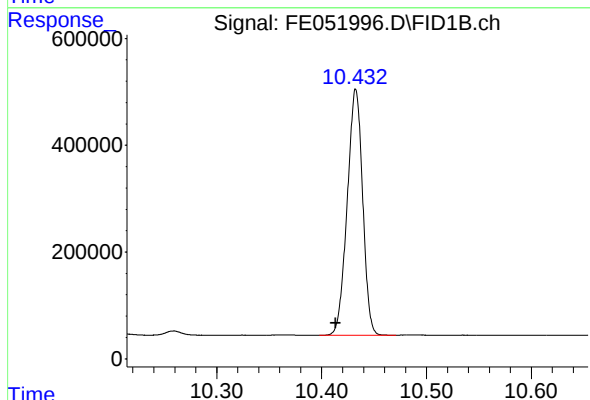
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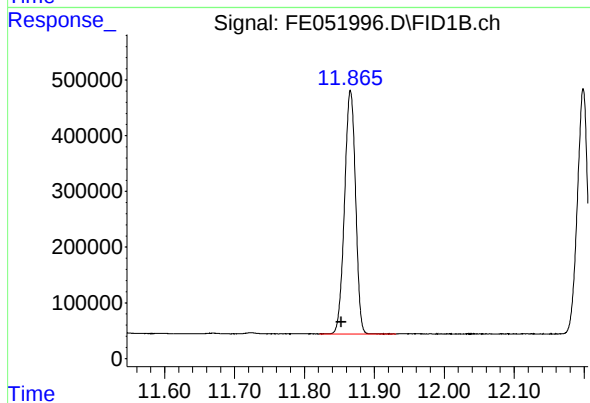
#6 n-Tetradecane (C14)

R.T.: 8.839 min  
Delta R.T.: 0.027 min  
Response: 4642559  
Conc: 39.92 ug/ml



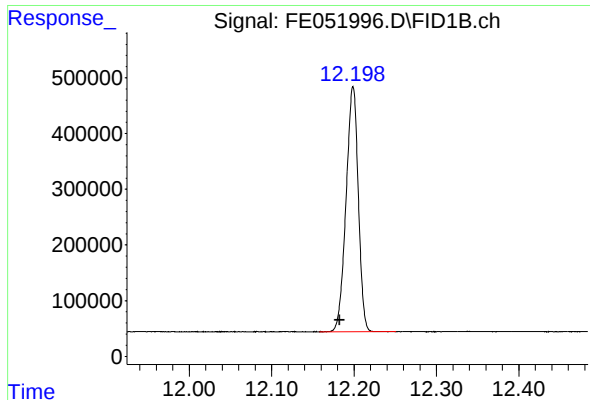
#7 n-Hexadecane (C16)

R.T.: 10.433 min  
Delta R.T.: 0.019 min  
Response: 4707914  
Conc: 37.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.866 min  
Delta R.T.: 0.013 min  
Response: 4765595  
Conc: 36.02 ug/ml



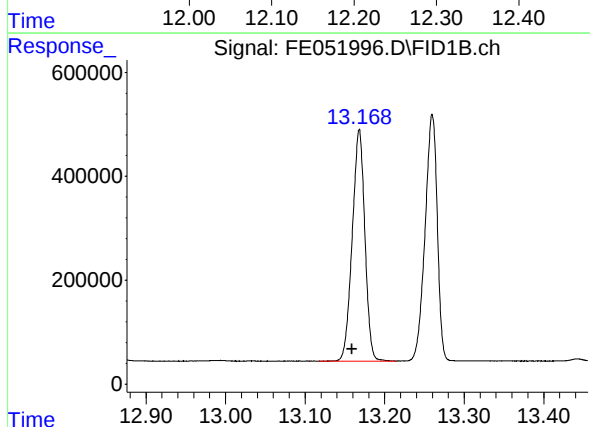
#9 ortho-Terphenyl (SURR)

R.T.: 12.199 min  
Delta R.T.: 0.016 min  
Response: 4530797  
Conc: 31.70 ug/ml

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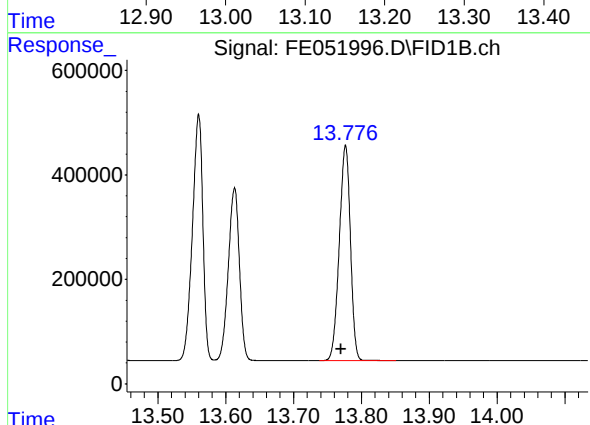
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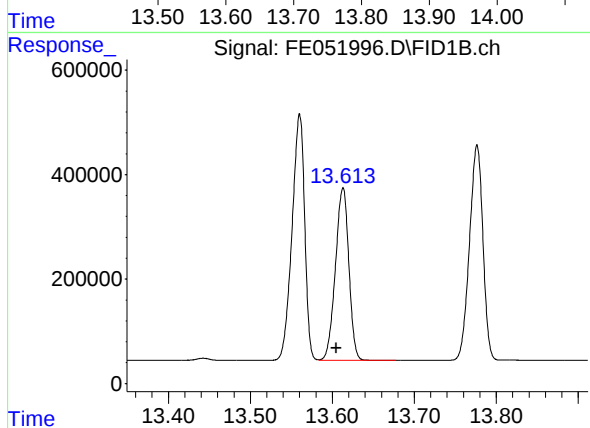
#10 n-Eicosane (C20)

R.T.: 13.168 min  
Delta R.T.: 0.009 min  
Response: 4907364  
Conc: 37.43 ug/ml



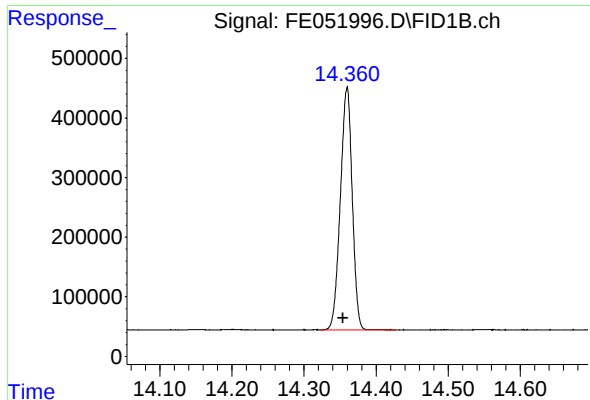
#11 n-Heneicosane (C21)

R.T.: 13.777 min  
Delta R.T.: 0.007 min  
Response: 4701107  
Conc: 36.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.613 min  
Delta R.T.: 0.008 min  
Response: 3757339  
Conc: 32.75 ug/ml



#13 n-Docosane (C22)

R.T.: 14.360 min  
Delta R.T.: 0.005 min  
Response: 4663692  
Conc: 35.54 ug/ml

Instrument :

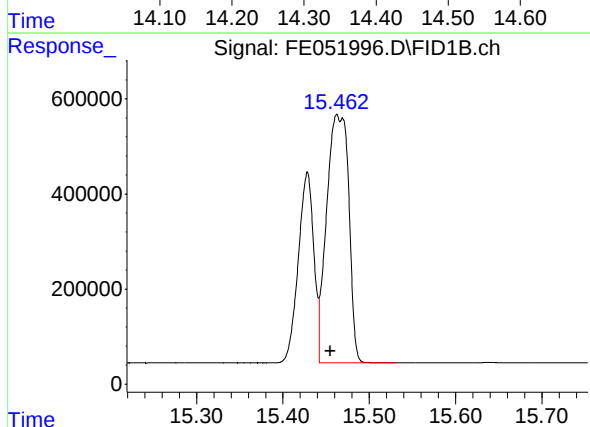
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ClientSampleId :

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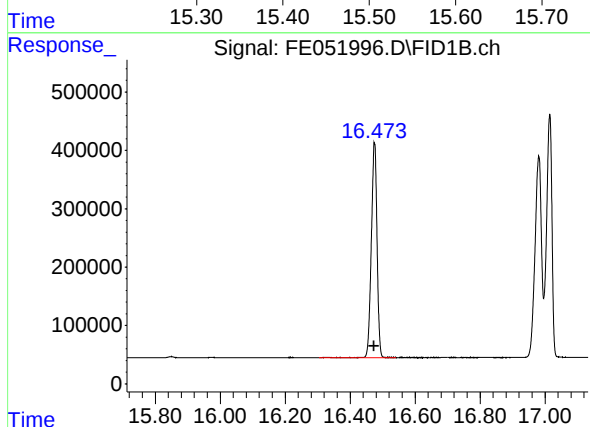
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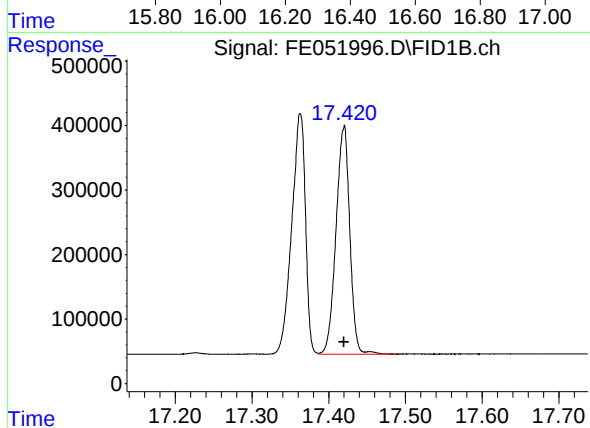
#14 n-Tetracosane (C24)

R.T.: 15.465 min  
Delta R.T.: 0.010 min  
Response: 9303057  
Conc: 70.04 ug/ml



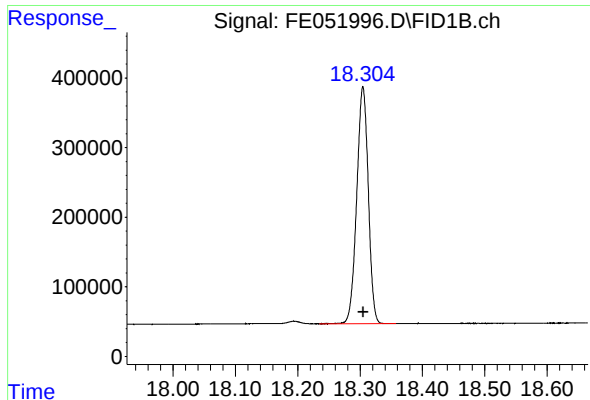
#15 n-Hexacosane (C26)

R.T.: 16.475 min  
Delta R.T.: 0.000 min  
Response: 4469962  
Conc: 33.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.420 min  
Delta R.T.: 0.000 min  
Response: 4403134  
Conc: 33.36 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.305 min  
Delta R.T.: 0.000 min  
Response: 4381235  
Conc: 32.13 ug/ml

Instrument :

FID\_E

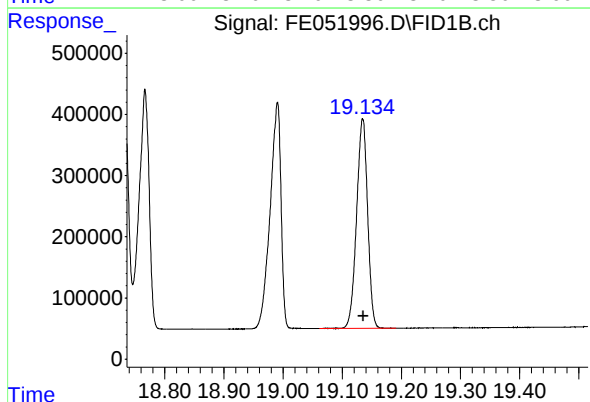
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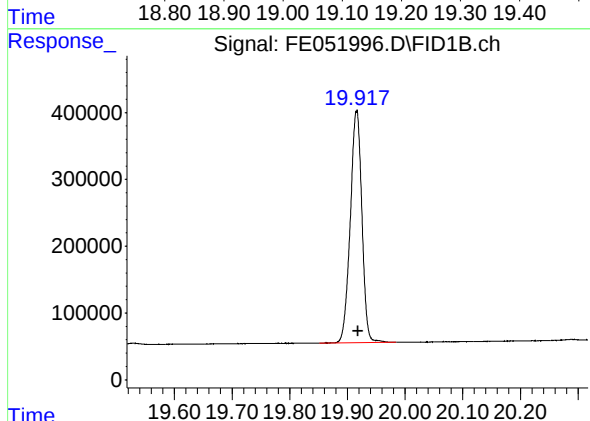
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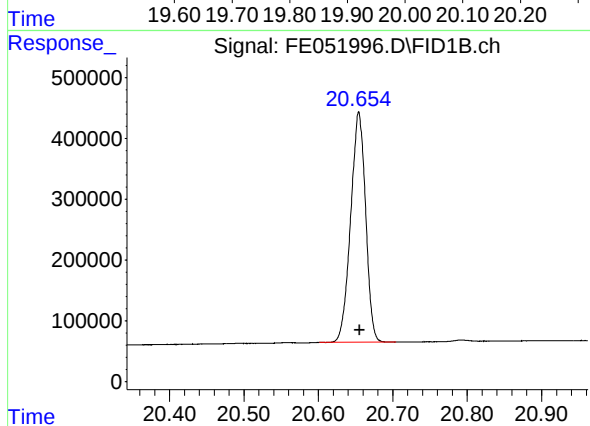
#18 n-Dotriacontane (C32)

R.T.: 19.135 min  
Delta R.T.: -0.001 min  
Response: 4439635  
Conc: 33.88 ug/ml



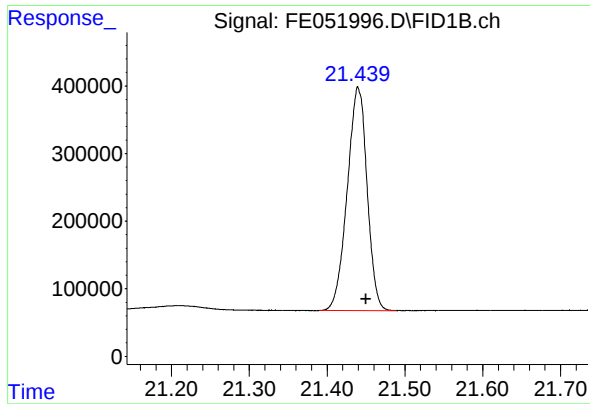
#19 n-Tetratriacontane (C34)

R.T.: 19.916 min  
Delta R.T.: -0.003 min  
Response: 4861839  
Conc: 43.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.654 min  
Delta R.T.: -0.001 min  
Response: 5290872  
Conc: 55.70 ug/ml



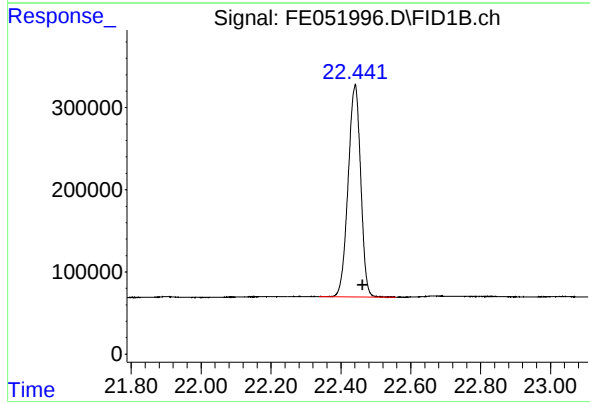
#21 n-Octatriacontane (C38)

R.T.: 21.439 min  
Delta R.T.: -0.011 min  
Response: 5869728  
Conc: 67.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.441 min  
Delta R.T.: -0.022 min  
Response: 6447417  
Conc: 78.24 ug/ml