

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070725AL\  
 Data File : FC069378.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Jul 2025 12:57  
 Operator : YP/AJ  
 Sample : PB168723BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168723BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025  
 Supervised By :mohammad ahmed 07/08/2025

Integration File: autoint1.e  
 Quant Time: Jul 08 01:27:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 14:24:27 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)    | 11.679 | 6637123    | 38.418 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 76.84%        |
| 12) S 1-chlorooctadecane (S... | 13.113 | 5211904    | 39.895 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 79.79%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.415  | 5966105    | 41.950 ug/ml  |
| 2) T n-Decane (C10)            | 4.485  | 6515749    | 44.508 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.077  | 7954497    | 49.439 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.506  | 6820644    | 45.043 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.137  | 7406841    | 46.805 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.307  | 6846993    | 44.173 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.910  | 6821172    | 41.741 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.356 | 6582122    | 40.314 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.667 | 6498919    | 42.577 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.280 | 6117173    | 41.503 ug/ml  |
| 13) T n-Docosane (C22)         | 13.867 | 5947825    | 41.338 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.967 | 11552985   | 83.759 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.996 | 5371235    | 41.089 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.944 | 5131923    | 41.612 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.836 | 5026959    | 42.285 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.668 | 4920960    | 45.007 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.454 | 5121378    | 53.035 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.195 | 4910044    | 59.579 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.962 | 4946283    | 66.188 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.928 | 4847758    | 68.456 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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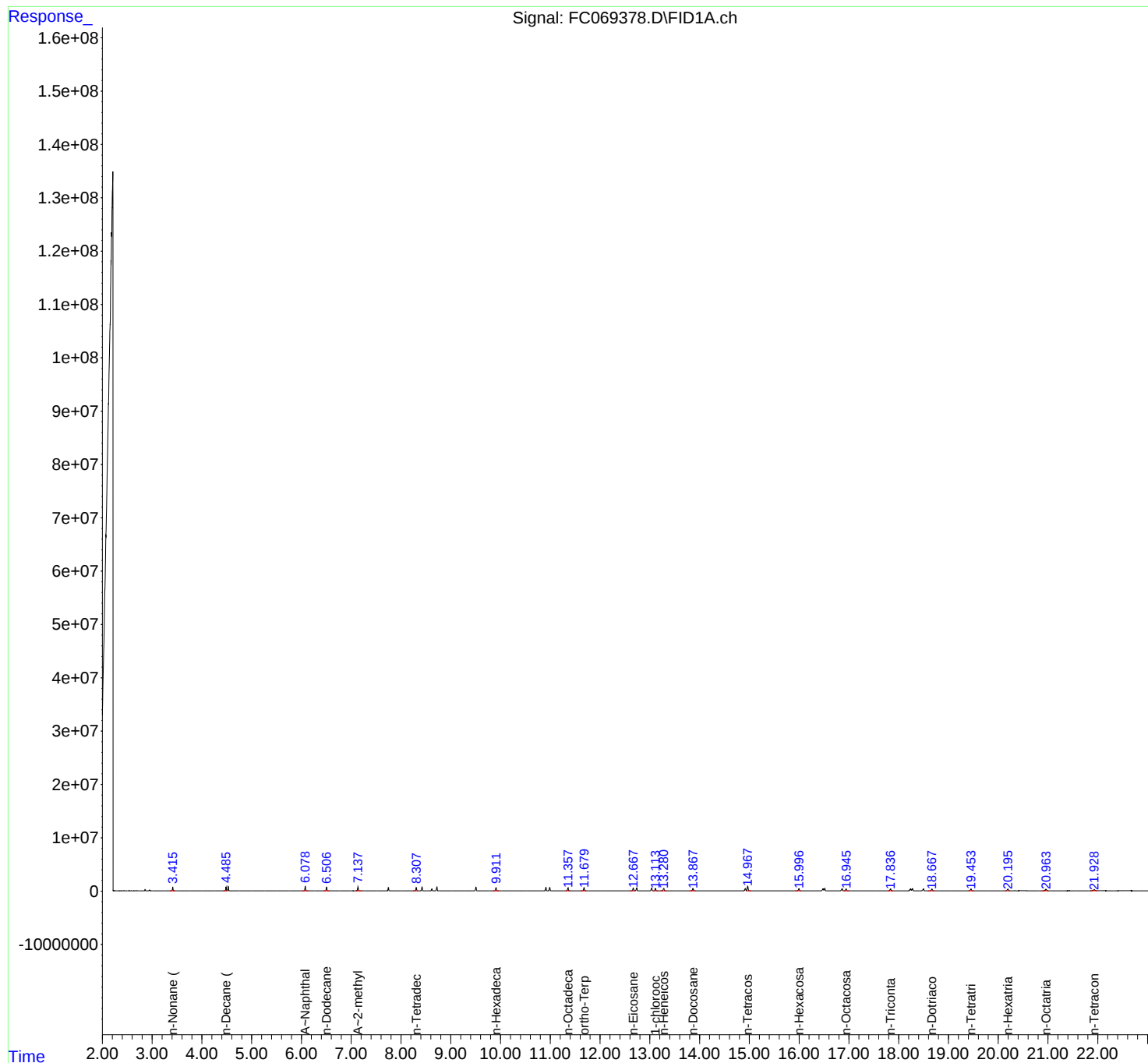
Instrument :  
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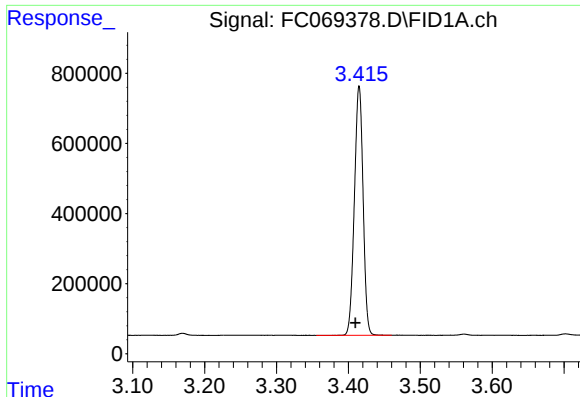
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Integration File: autoint1.e  
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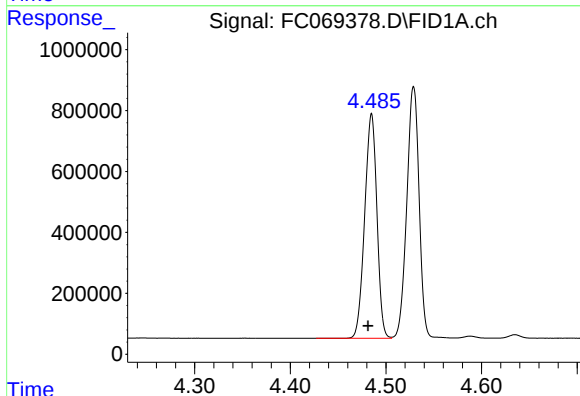
#1 n-Nonane (C9)

R.T.: 3.415 min  
Delta R.T.: 0.005 min  
Response: 5966105  
Conc: 41.95 ug/ml

Instrument :  
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PB168723BSD

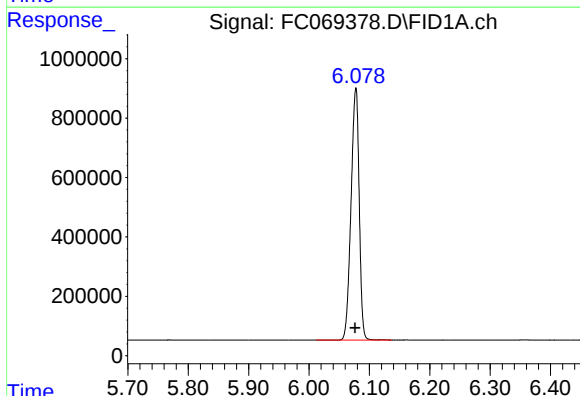
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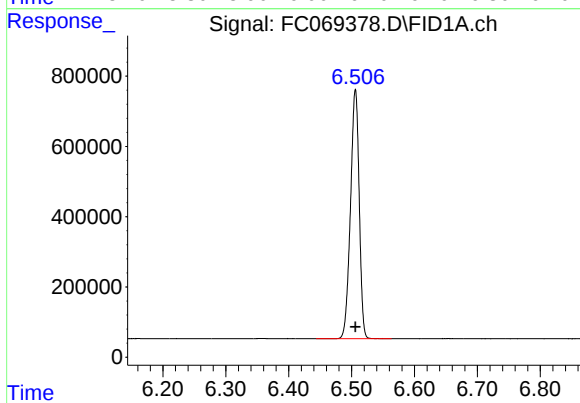
#2 n-Decane (C10)

R.T.: 4.485 min  
Delta R.T.: 0.003 min  
Response: 6515749  
Conc: 44.51 ug/ml



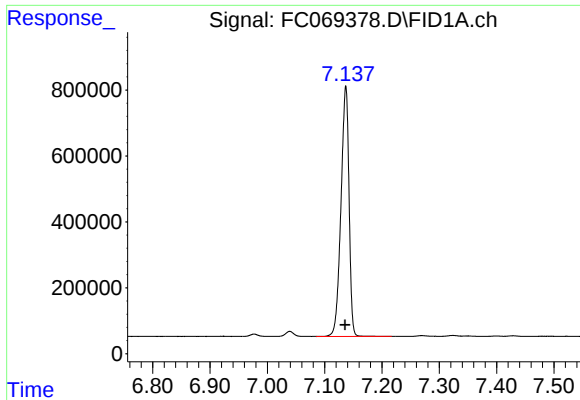
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 7954497  
Conc: 49.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 6820644  
Conc: 45.04 ug/ml



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

R.T.: 7.137 min  
Delta R.T.: 0.001 min  
Response: 7406841  
Conc: 46.80 ug/ml

Instrument :

FID\_C

ClientSampleId :

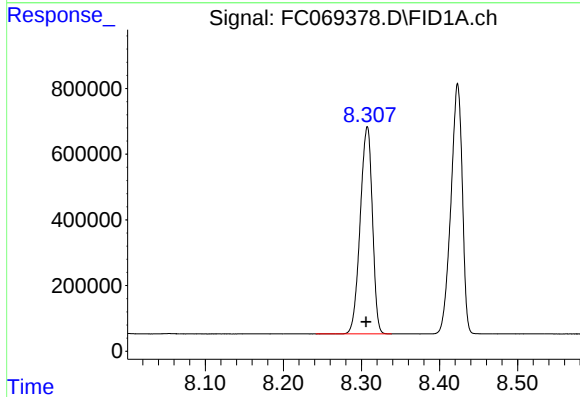
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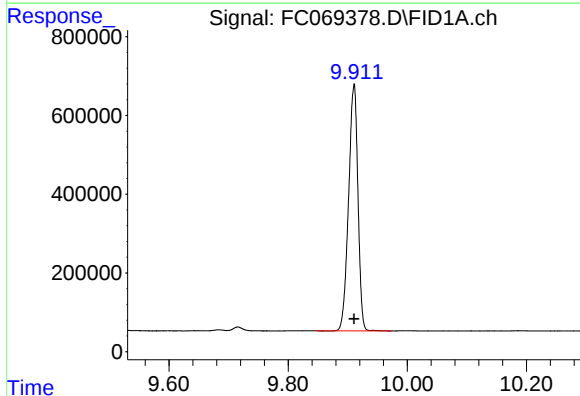
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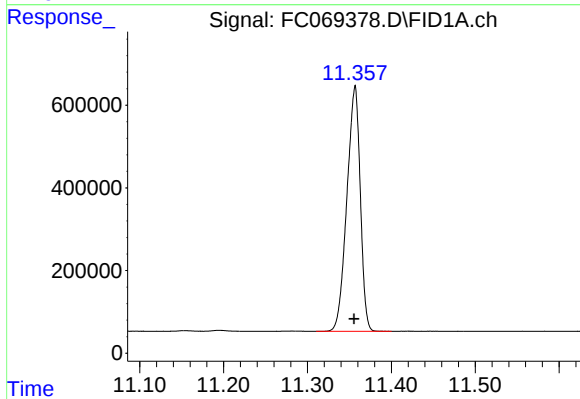
#6 n-Tetradecane (C14)

R.T.: 8.307 min  
Delta R.T.: 0.001 min  
Response: 6846993  
Conc: 44.17 ug/ml



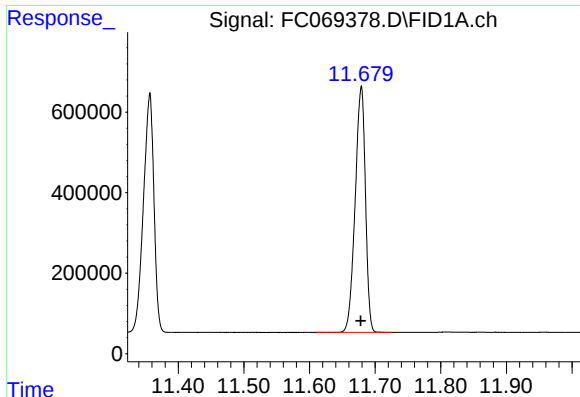
#7 n-Hexadecane (C16)

R.T.: 9.910 min  
Delta R.T.: 0.000 min  
Response: 6821172  
Conc: 41.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min  
Delta R.T.: 0.000 min  
Response: 6582122  
Conc: 40.31 ug/ml



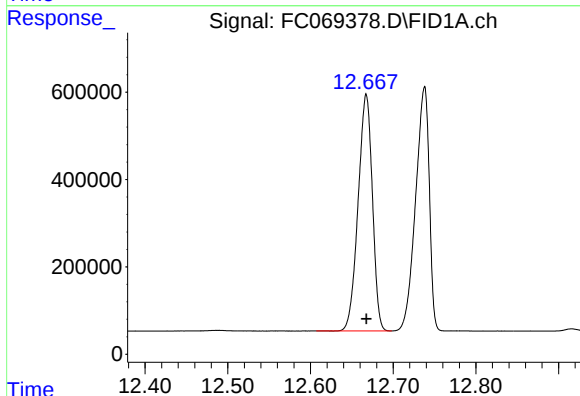
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min  
Delta R.T.: 0.000 min  
Response: 6637123  
Conc: 38.42 ug/ml

Instrument :  
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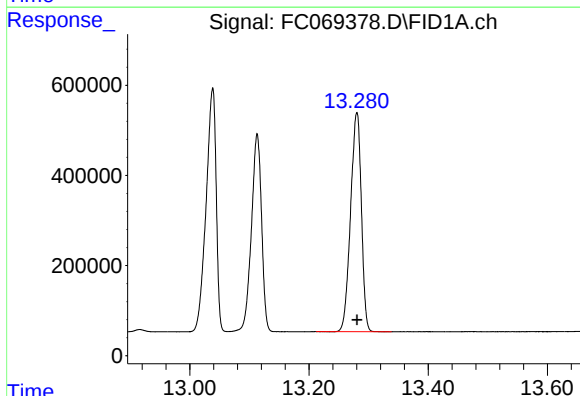
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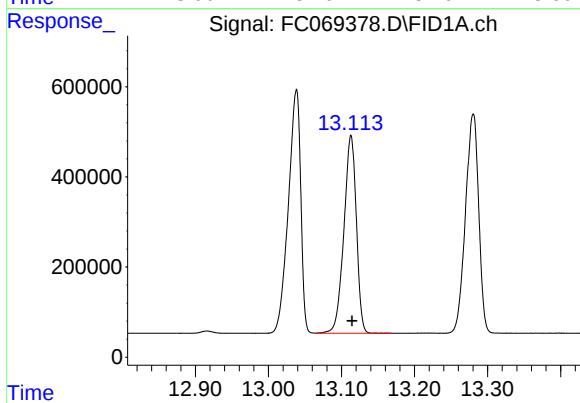
#10 n-Eicosane (C20)

R.T.: 12.667 min  
Delta R.T.: 0.000 min  
Response: 6498919  
Conc: 42.58 ug/ml



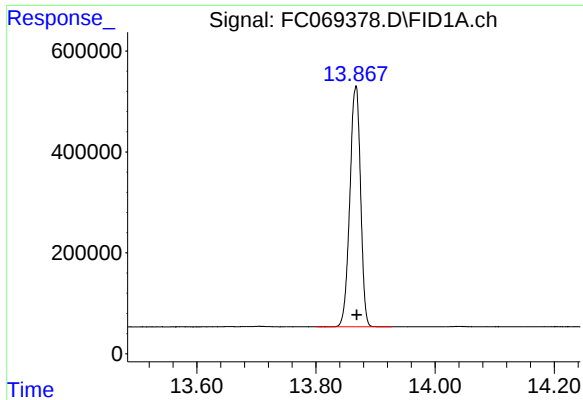
#11 n-Heneicosane (C21)

R.T.: 13.280 min  
Delta R.T.: 0.000 min  
Response: 6117173  
Conc: 41.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min  
Delta R.T.: -0.001 min  
Response: 5211904  
Conc: 39.89 ug/ml



#13 n-Docosane (C22)

R.T.: 13.867 min  
Delta R.T.: -0.001 min  
Response: 5947825  
Conc: 41.34 ug/ml

Instrument :

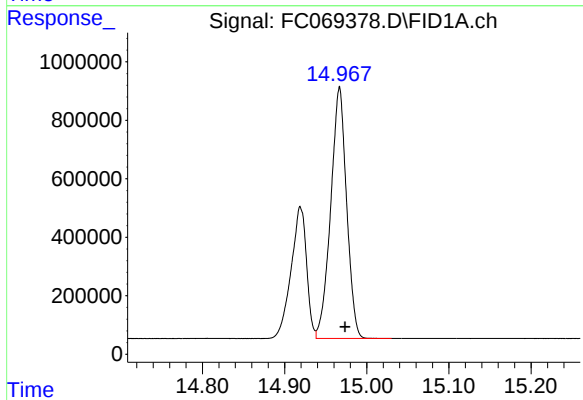
FID\_C

ClientSampleId :

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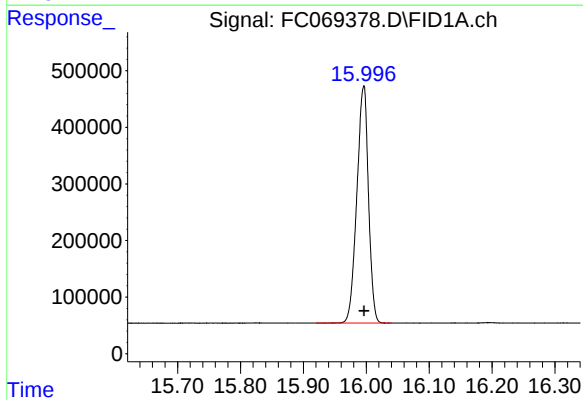
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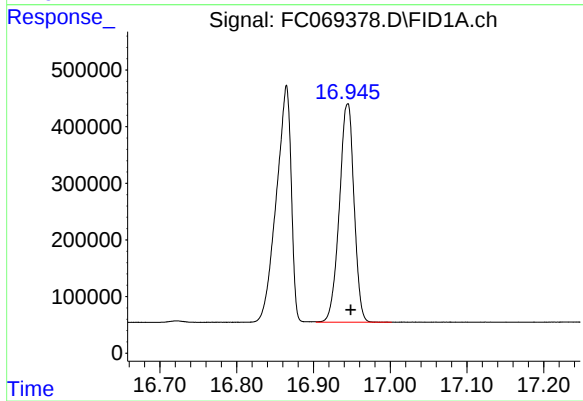
#14 n-Tetracosane (C24)

R.T.: 14.967 min  
Delta R.T.: -0.007 min  
Response: 11552985  
Conc: 83.76 ug/ml



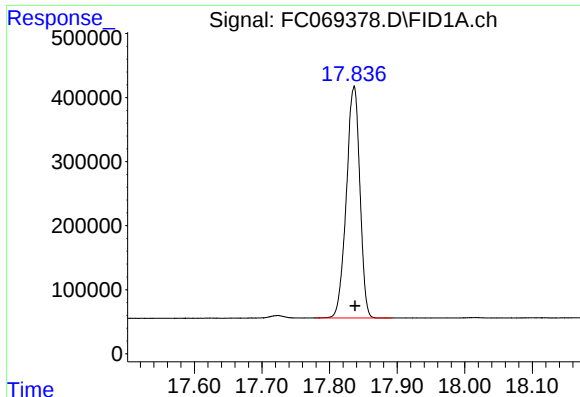
#15 n-Hexacosane (C26)

R.T.: 15.996 min  
Delta R.T.: 0.000 min  
Response: 5371235  
Conc: 41.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min  
Delta R.T.: -0.004 min  
Response: 5131923  
Conc: 41.61 ug/ml



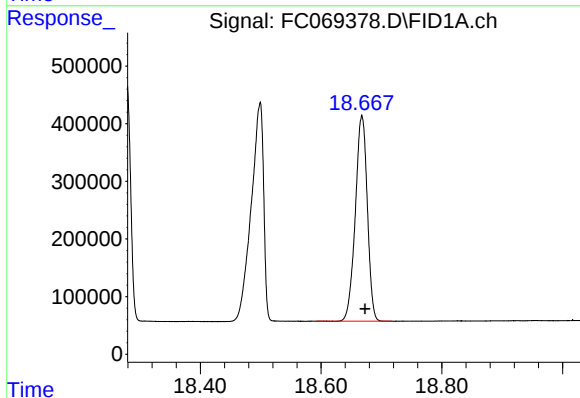
#17 n-Tricontane (C30)

R.T.: 17.836 min  
Delta R.T.: -0.002 min  
Response: 5026959  
Conc: 42.28 ug/ml

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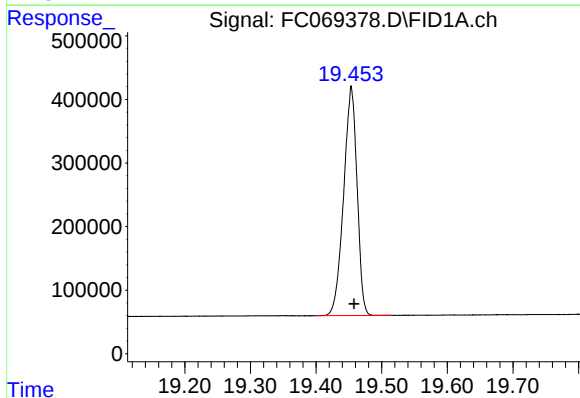
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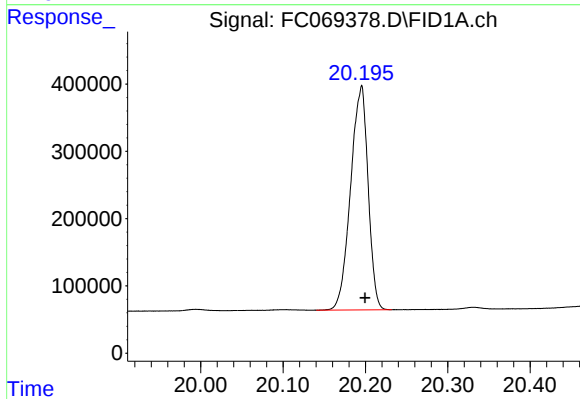
#18 n-Dotriacontane (C32)

R.T.: 18.668 min  
Delta R.T.: -0.005 min  
Response: 4920960  
Conc: 45.01 ug/ml



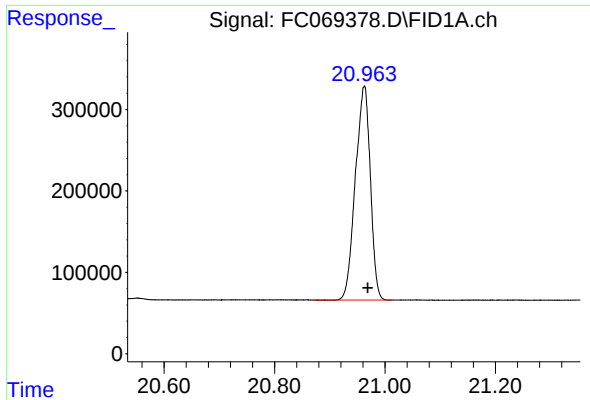
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min  
Delta R.T.: -0.005 min  
Response: 5121378  
Conc: 53.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min  
Delta R.T.: -0.005 min  
Response: 4910044  
Conc: 59.58 ug/ml



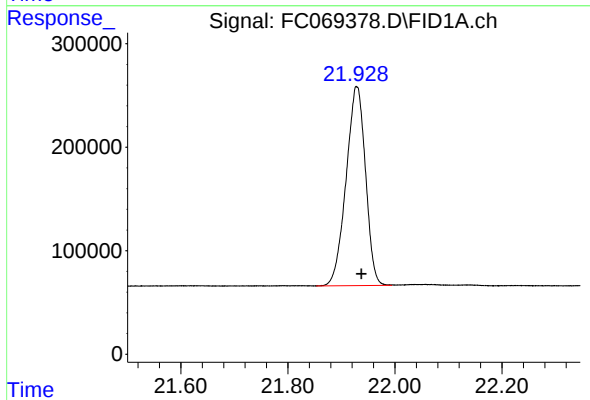
#21 n-Octatriacontane (C38)

R.T.: 20.962 min  
Delta R.T.: -0.006 min  
Response: 4946283  
Conc: 66.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.928 min  
Delta R.T.: -0.010 min  
Response: 4847758  
Conc: 68.46 ug/ml m