

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070125AL\  
 Data File : FC069346.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Jul 2025 15:37  
 Operator : YP/AJ  
 Sample : PB168673BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168673BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025  
 Supervised By :mohammad ahmed 07/02/2025

Integration File: autoint1.e  
 Quant Time: Jul 02 00:32:26 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 | 6368656    | 36.864 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 73.73%        |
| 12) S 1-chlorooctadecane (S... | 13.114 | 5010254    | 38.351 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 76.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.413  | 5583955    | 39.263 ug/ml  |
| 2) T n-Decane (C10)            | 4.484  | 6041668    | 41.270 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.077  | 7400247    | 45.994 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.506  | 6277358    | 41.455 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.136  | 6902257    | 43.616 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.308  | 6307081    | 40.690 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.911  | 6338949    | 38.790 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.356 | 6189161    | 37.907 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.668 | 6191779    | 40.565 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.280 | 5856909    | 39.737 ug/ml  |
| 13) T n-Docosane (C22)         | 13.869 | 5716192    | 39.728 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.967 | 11173081   | 81.005 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.997 | 5202591    | 39.799 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.947 | 4956427    | 40.189 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.837 | 4804953    | 40.417 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.670 | 4647774    | 42.509 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.455 | 4791109    | 49.615 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.196 | 4566023    | 55.405 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.967 | 4586517    | 61.374 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.936 | 4489733    | 63.400 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 01 Jul 2025 15:37  
Operator : YP/AJ  
Sample : PB168673BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

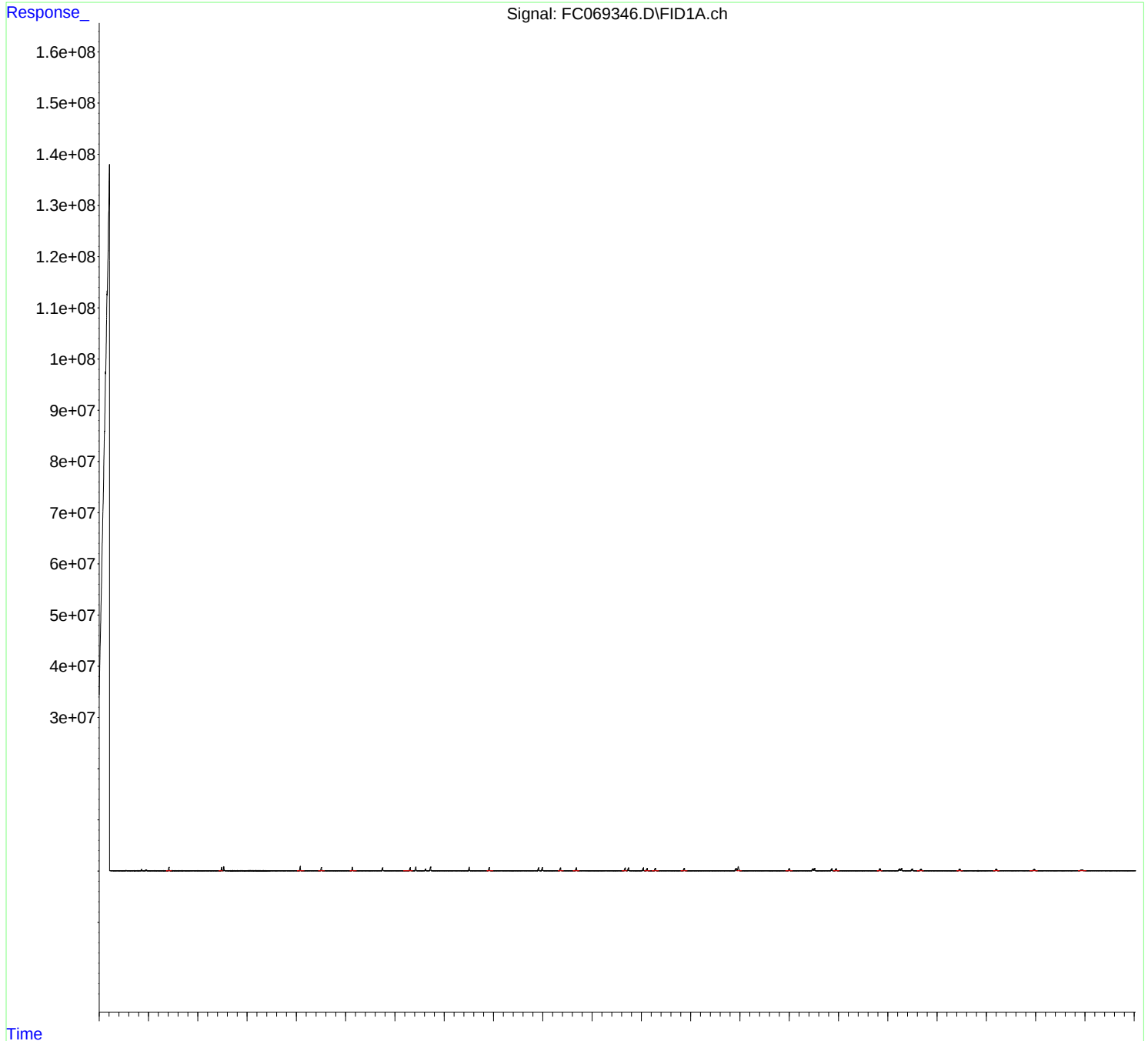
Instrument :  
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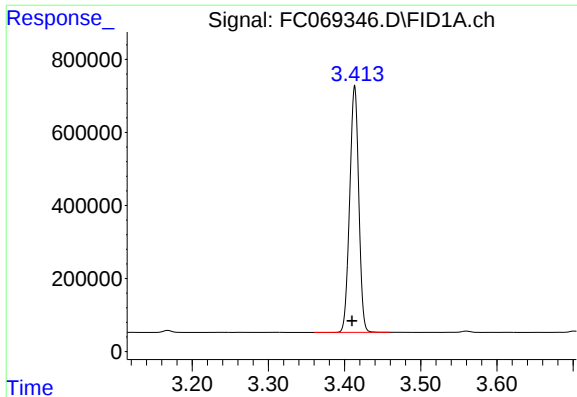
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Quant Title : GC Extractables  
QLast Update : Wed Jun 18 14:24:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.413 min  
Delta R.T.: 0.003 min  
Response: 5583955  
Conc: 39.26 ug/ml

Instrument :

FID\_C

ClientSampleId :

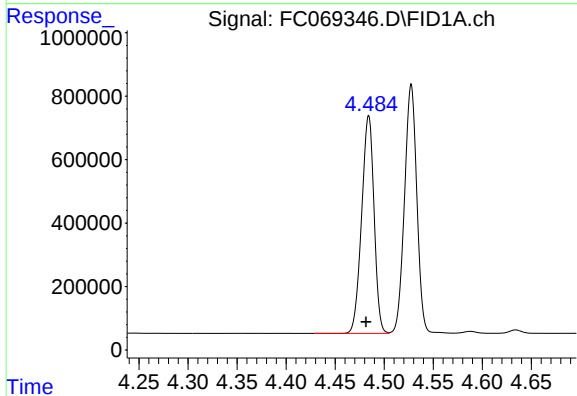
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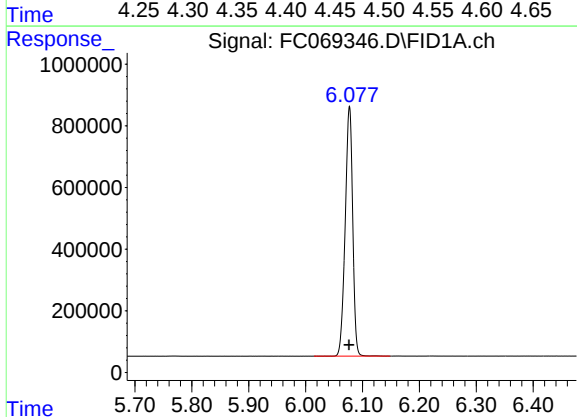
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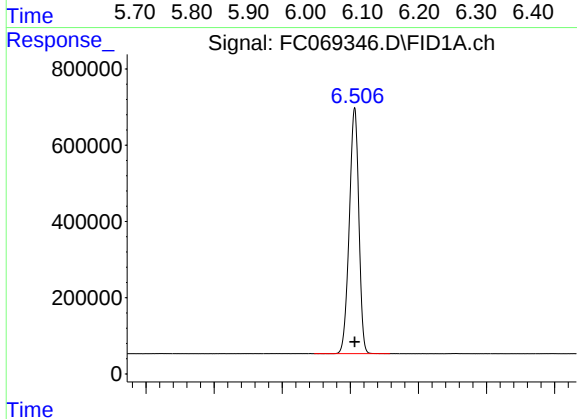
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: 0.003 min  
Response: 6041668  
Conc: 41.27 ug/ml



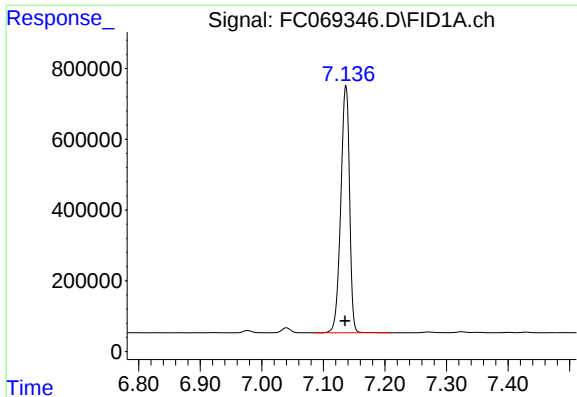
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 7400247  
Conc: 45.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 6277358  
Conc: 41.46 ug/ml



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

R.T.: 7.136 min  
Delta R.T.: 0.001 min  
Response: 6902257  
Conc: 43.62 ug/ml

Instrument :

FID\_C

ClientSampleId :

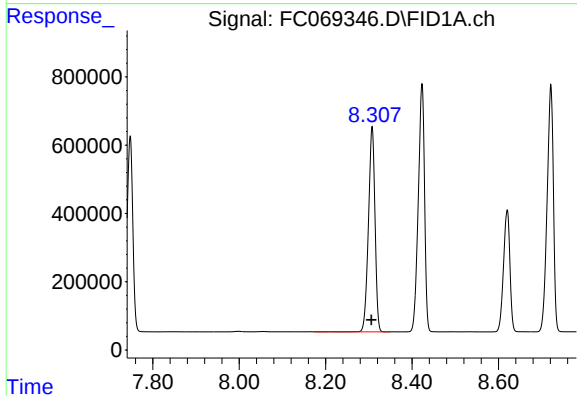
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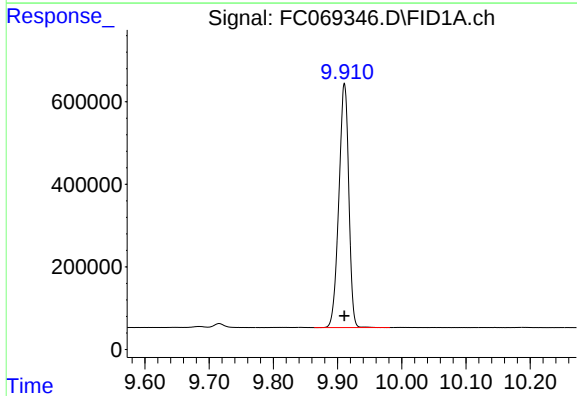
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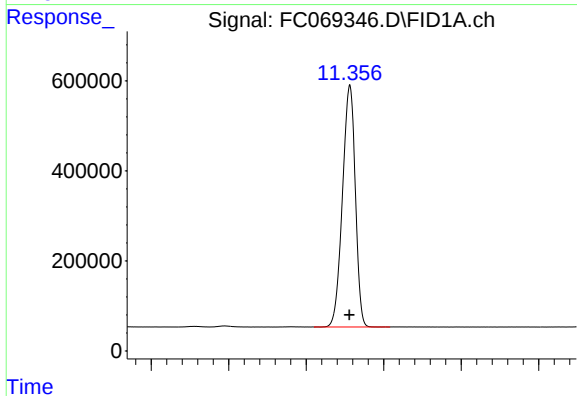
#6 n-Tetradecane (C14)

R.T.: 8.308 min  
Delta R.T.: 0.002 min  
Response: 6307081  
Conc: 40.69 ug/ml



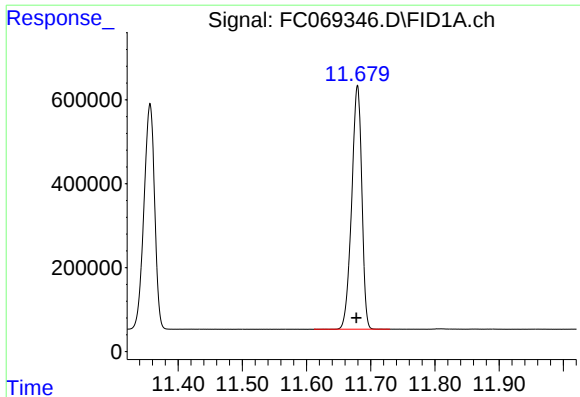
#7 n-Hexadecane (C16)

R.T.: 9.911 min  
Delta R.T.: 0.000 min  
Response: 6338949  
Conc: 38.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min  
Delta R.T.: 0.000 min  
Response: 6189161  
Conc: 37.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min  
Delta R.T.: 0.002 min  
Response: 6368656  
Conc: 36.86 ug/ml

Instrument :

FID\_C

ClientSampleId :

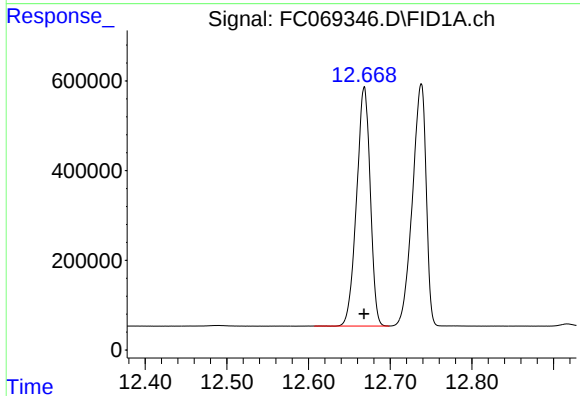
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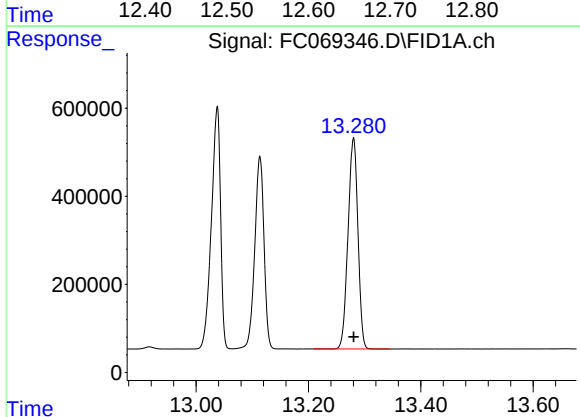
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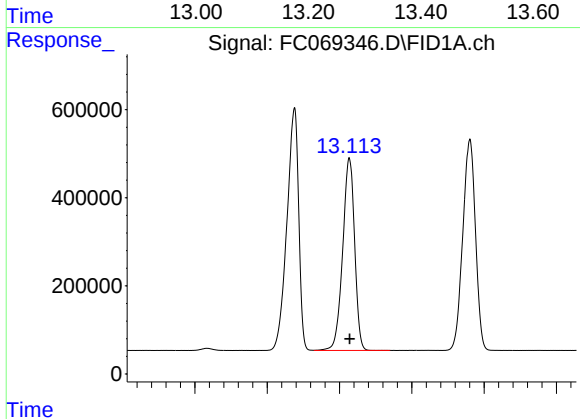
#10 n-Eicosane (C20)

R.T.: 12.668 min  
Delta R.T.: 0.000 min  
Response: 6191779  
Conc: 40.56 ug/ml



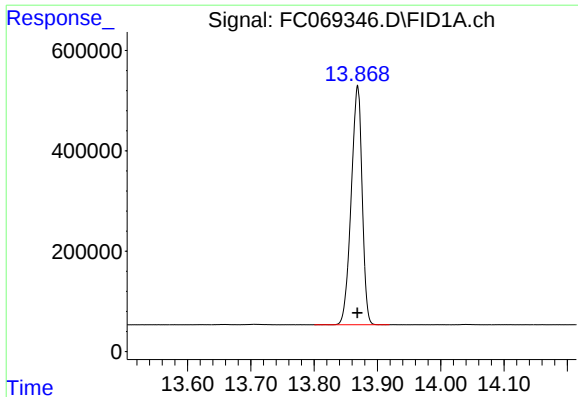
#11 n-Heneicosane (C21)

R.T.: 13.280 min  
Delta R.T.: 0.000 min  
Response: 5856909  
Conc: 39.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min  
Delta R.T.: 0.000 min  
Response: 5010254  
Conc: 38.35 ug/ml



#13 n-Docosane (C22)

R.T.: 13.869 min  
Delta R.T.: 0.000 min  
Response: 5716192  
Conc: 39.73 ug/ml

Instrument :

FID\_C

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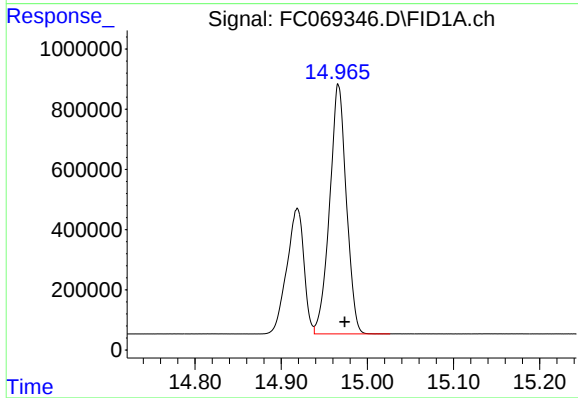
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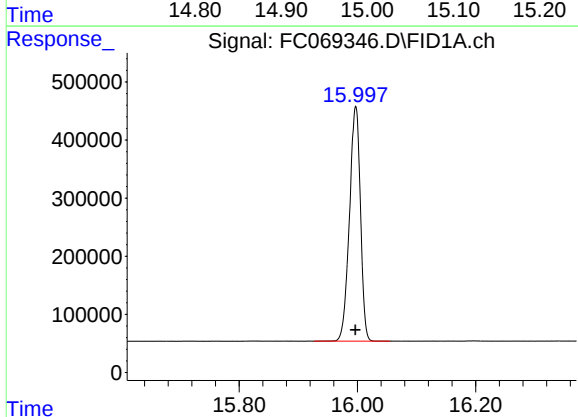
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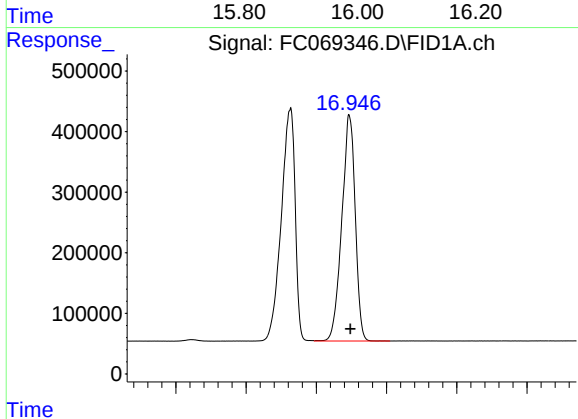
#14 n-Tetracosane (C24)

R.T.: 14.967 min  
Delta R.T.: -0.007 min  
Response: 11173081  
Conc: 81.00 ug/ml



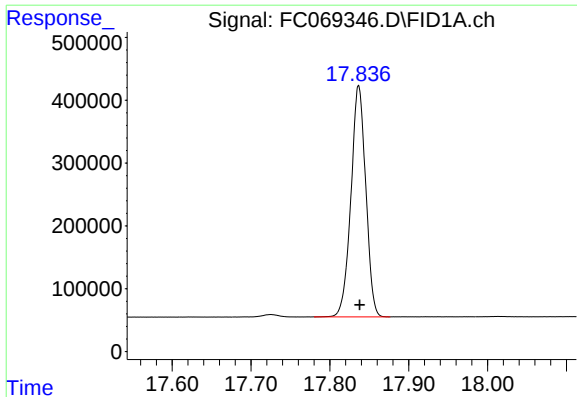
#15 n-Hexacosane (C26)

R.T.: 15.997 min  
Delta R.T.: 0.000 min  
Response: 5202591  
Conc: 39.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min  
Delta R.T.: -0.001 min  
Response: 4956427  
Conc: 40.19 ug/ml



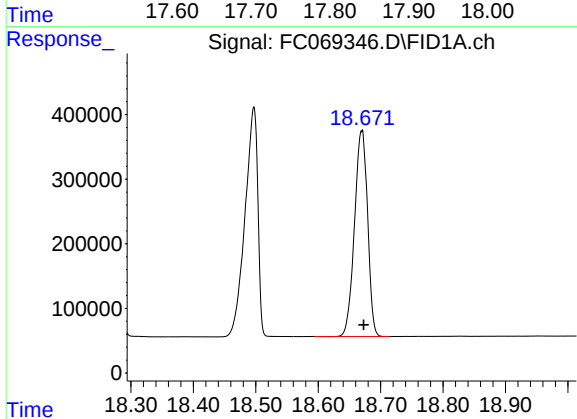
#17 n-Tricontane (C30)

R.T.: 17.837 min  
Delta R.T.: -0.001 min  
Response: 4804953  
Conc: 40.42 ug/ml

Instrument :  
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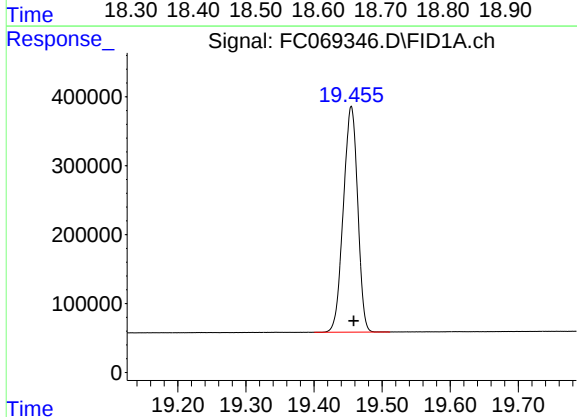
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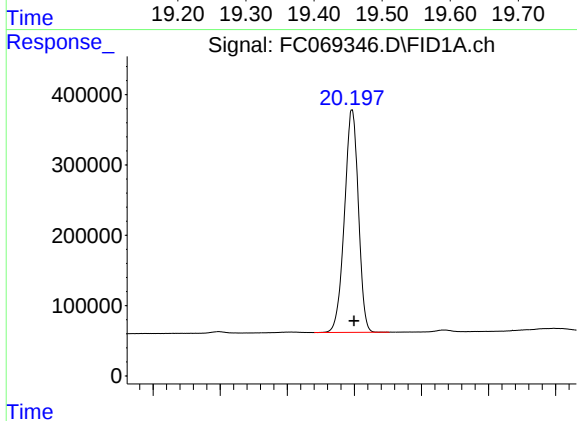
#18 n-Dotriacontane (C32)

R.T.: 18.670 min  
Delta R.T.: -0.003 min  
Response: 4647774  
Conc: 42.51 ug/ml



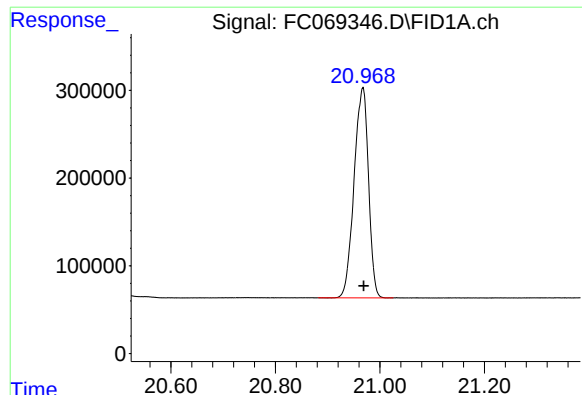
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min  
Delta R.T.: -0.003 min  
Response: 4791109  
Conc: 49.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.196 min  
Delta R.T.: -0.003 min  
Response: 4566023  
Conc: 55.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.967 min  
Delta R.T.: -0.002 min  
Response: 4586517  
Conc: 61.37 ug/ml

Instrument :

FID\_C

ClientSampleId :

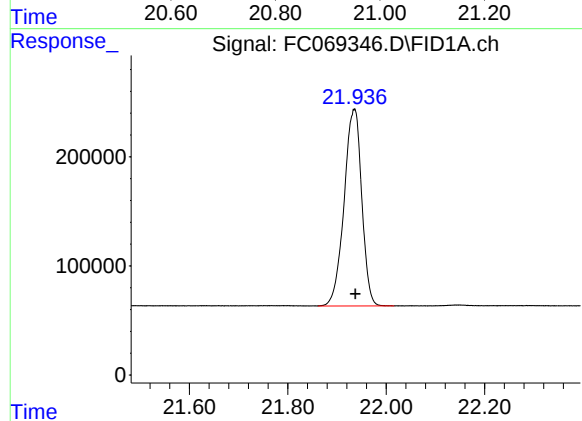
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#22 n-Tetracontane (C40)

R.T.: 21.936 min  
Delta R.T.: -0.002 min  
Response: 4489733  
Conc: 63.40 ug/ml m