

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071425AL\  
 Data File : FC069436.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Jul 2025 17:03  
 Operator : YP/AJ  
 Sample : PB168833BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168833BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025  
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e  
 Quant Time: Jul 15 01:49:58 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)    | 11.672 | 5624889    | 32.559 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.12%        |
| 12) S 1-chlorooctadecane (S... | 13.107 | 4480979    | 34.300 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.60%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.409  | 4547975    | 31.979 ug/ml  |
| 2) T n-Decane (C10)            | 4.480  | 4782482    | 32.668 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.072  | 5850608    | 36.363 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.502  | 5105092    | 33.714 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.131  | 5656617    | 35.745 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.303  | 5579940    | 35.998 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.905  | 5802330    | 35.507 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.350 | 5670233    | 34.729 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.661 | 5620548    | 36.822 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.275 | 5290275    | 35.892 ug/ml  |
| 13) T n-Docosane (C22)         | 13.861 | 5139363    | 35.719 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.958 | 9844045    | 71.369 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.989 | 4626510    | 35.392 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.939 | 4420290    | 35.842 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.829 | 4315478    | 36.300 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.660 | 4240011    | 38.779 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.446 | 4430390    | 45.879 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.188 | 4282644    | 51.966 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.953 | 4353200    | 58.252 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.919 | 4271766    | 60.322 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 14 Jul 2025 17:03  
Operator : YP/AJ  
Sample : PB168833BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

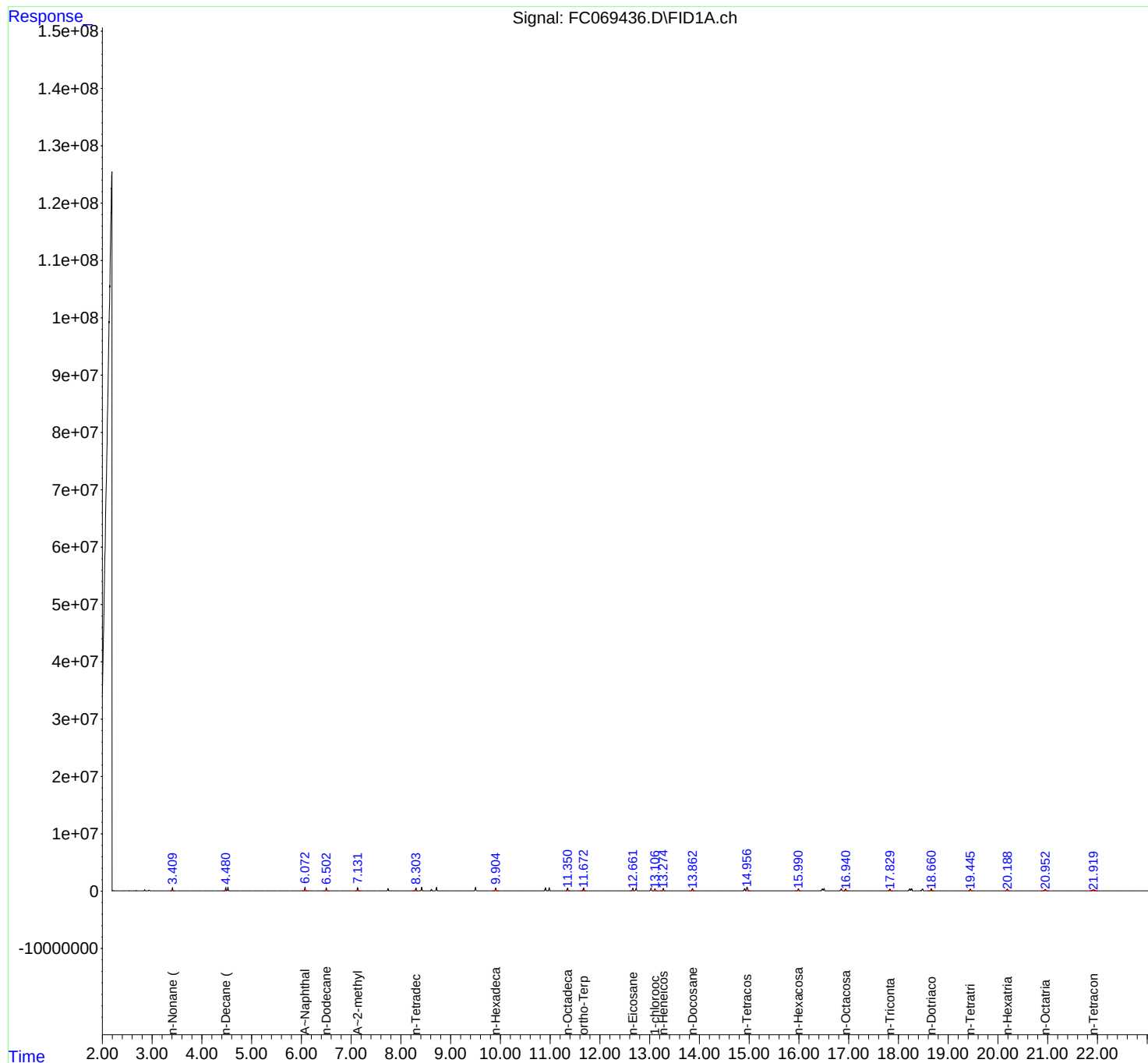
Instrument :  
FID\_C  
ClientSampleId :  
PB168833BSD

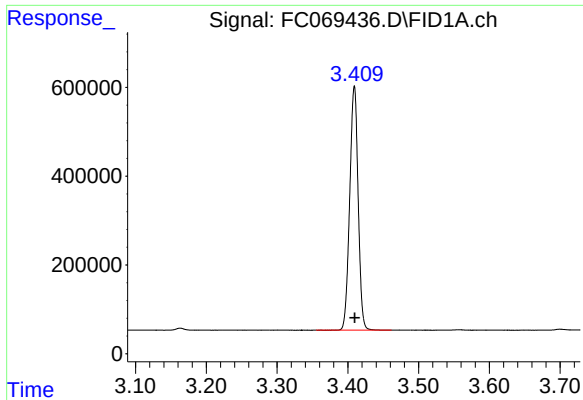
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Integration File: autoint1.e  
Quant Time: Jul 15 01:49:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 14:24:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





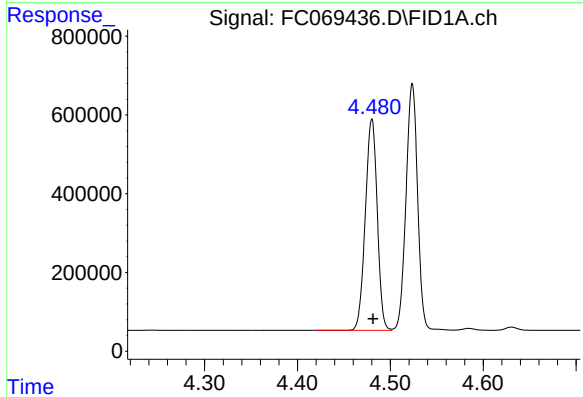
#1 n-Nonane (C9)

R.T.: 3.409 min  
Delta R.T.: 0.000 min  
Response: 4547975  
Conc: 31.98 ug/ml

Instrument :  
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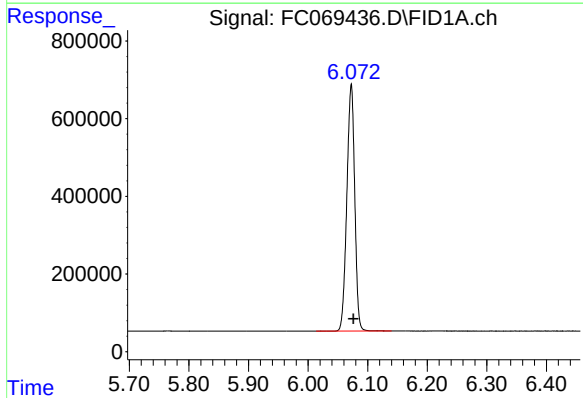
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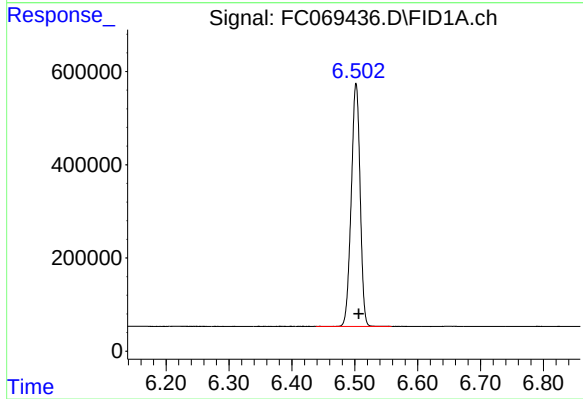
#2 n-Decane (C10)

R.T.: 4.480 min  
Delta R.T.: -0.001 min  
Response: 4782482  
Conc: 32.67 ug/ml



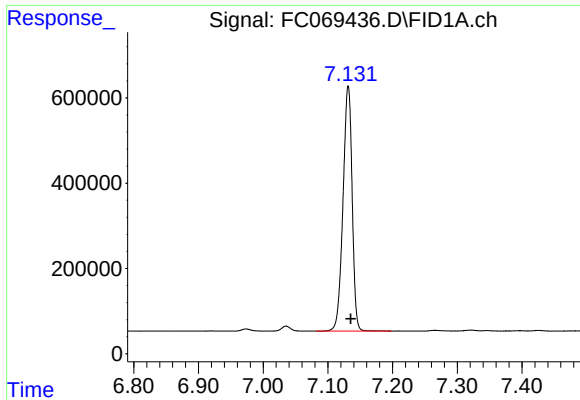
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 5850608  
Conc: 36.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min  
Delta R.T.: -0.004 min  
Response: 5105092  
Conc: 33.71 ug/ml



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

R.T.: 7.131 min  
Delta R.T.: -0.004 min  
Response: 5656617  
Conc: 35.74 ug/ml

Instrument :

FID\_C

ClientSampleId :

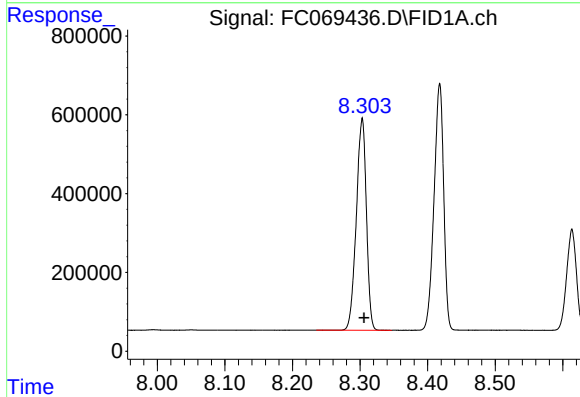
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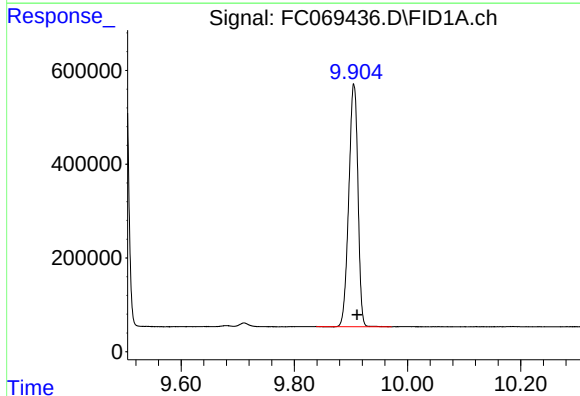
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Supervised By :mohammad ahmed 07/19/2025



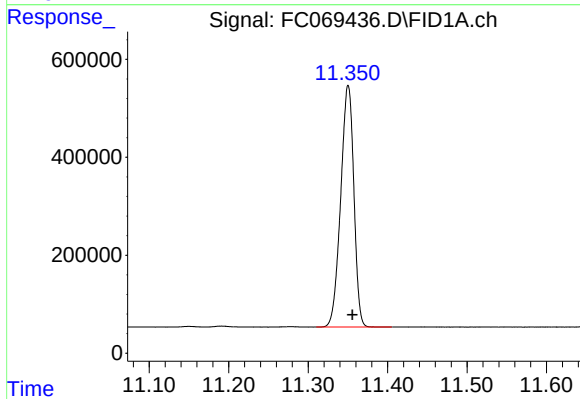
#6 n-Tetradecane (C14)

R.T.: 8.303 min  
Delta R.T.: -0.003 min  
Response: 5579940  
Conc: 36.00 ug/ml



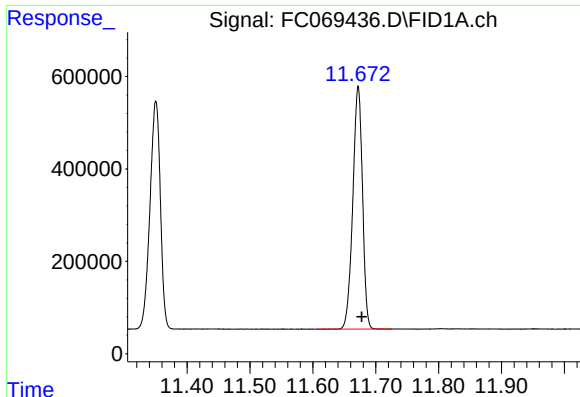
#7 n-Hexadecane (C16)

R.T.: 9.905 min  
Delta R.T.: -0.005 min  
Response: 5802330  
Conc: 35.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.350 min  
Delta R.T.: -0.005 min  
Response: 5670233  
Conc: 34.73 ug/ml



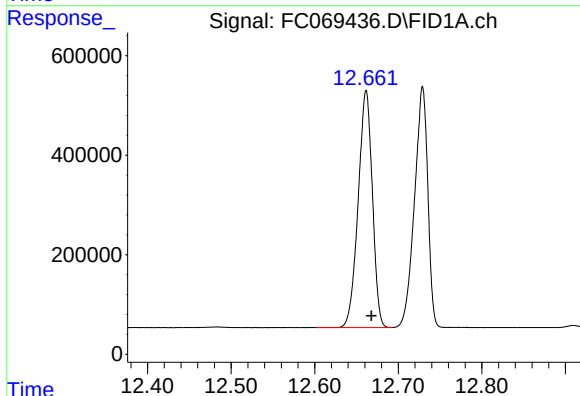
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min  
Delta R.T.: -0.006 min  
Response: 5624889  
Conc: 32.56 ug/ml

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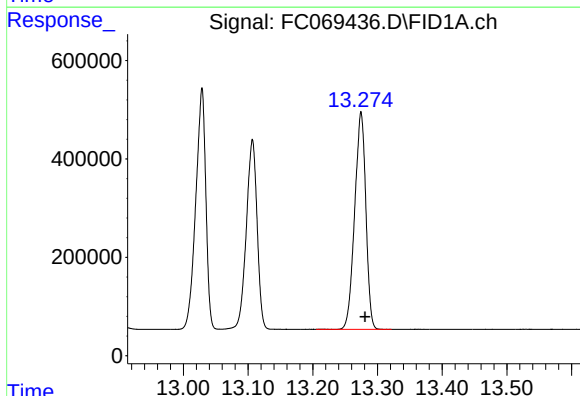
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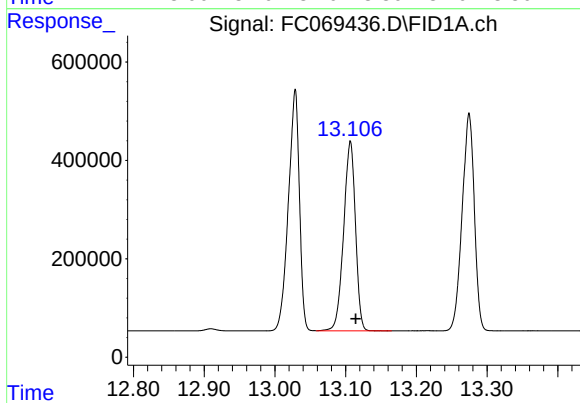
#10 n-Eicosane (C20)

R.T.: 12.661 min  
Delta R.T.: -0.006 min  
Response: 5620548  
Conc: 36.82 ug/ml



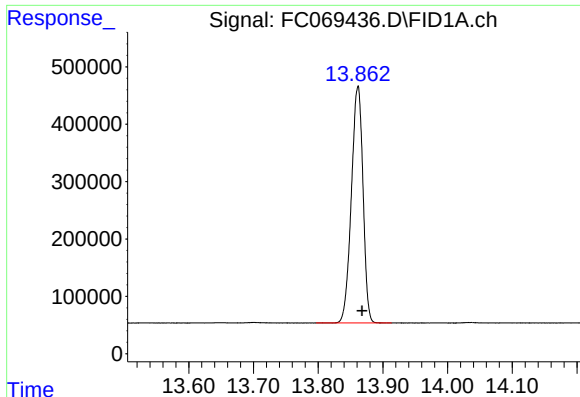
#11 n-Heneicosane (C21)

R.T.: 13.275 min  
Delta R.T.: -0.006 min  
Response: 5290275  
Conc: 35.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min  
Delta R.T.: -0.008 min  
Response: 4480979  
Conc: 34.30 ug/ml



#13 n-Docosane (C22)

R.T.: 13.861 min  
Delta R.T.: -0.007 min  
Response: 5139363  
Conc: 35.72 ug/ml

Instrument :

FID\_C

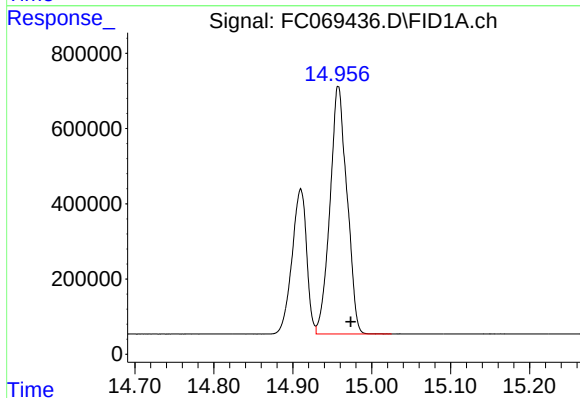
ClientSampleId :

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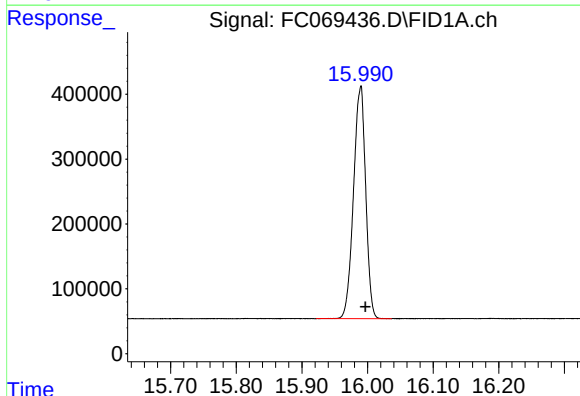
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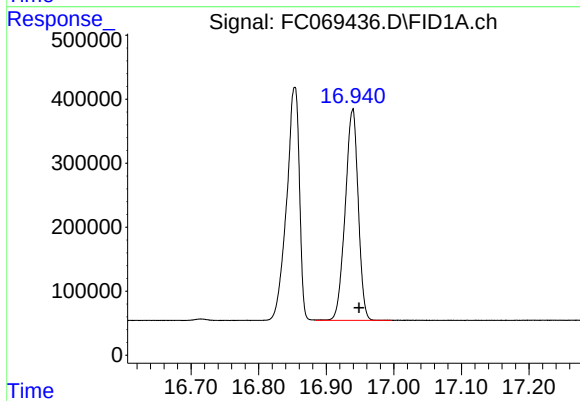
#14 n-Tetracosane (C24)

R.T.: 14.958 min  
Delta R.T.: -0.016 min  
Response: 9844045  
Conc: 71.37 ug/ml



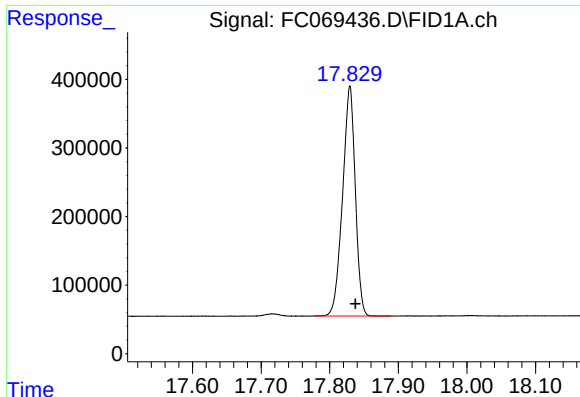
#15 n-Hexacosane (C26)

R.T.: 15.989 min  
Delta R.T.: -0.008 min  
Response: 4626510  
Conc: 35.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min  
Delta R.T.: -0.010 min  
Response: 4420290  
Conc: 35.84 ug/ml



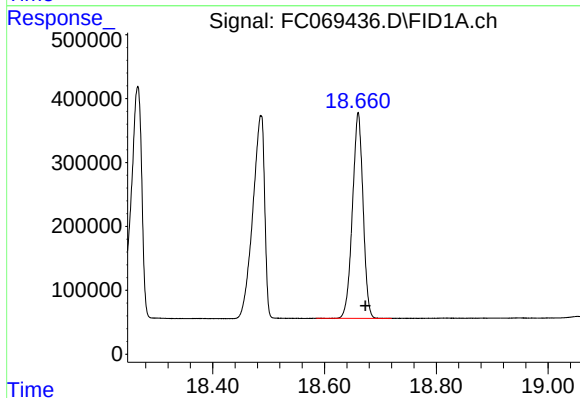
#17 n-Tricontane (C30)

R.T.: 17.829 min  
Delta R.T.: -0.008 min  
Response: 4315478  
Conc: 36.30 ug/ml

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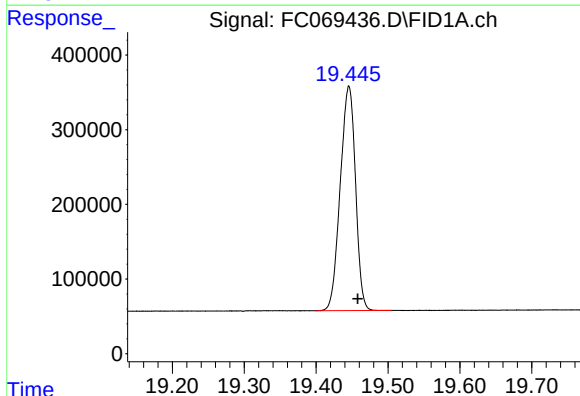
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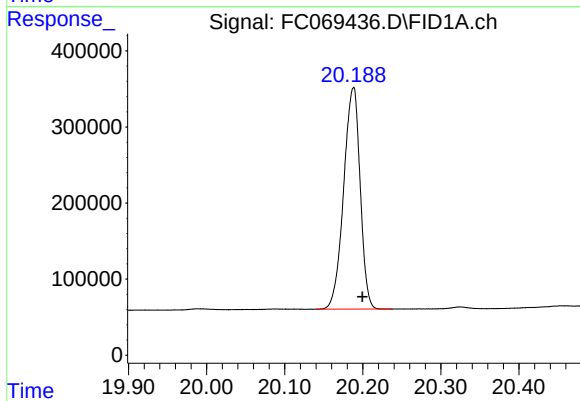
#18 n-Dotriacontane (C32)

R.T.: 18.660 min  
Delta R.T.: -0.013 min  
Response: 4240011  
Conc: 38.78 ug/ml



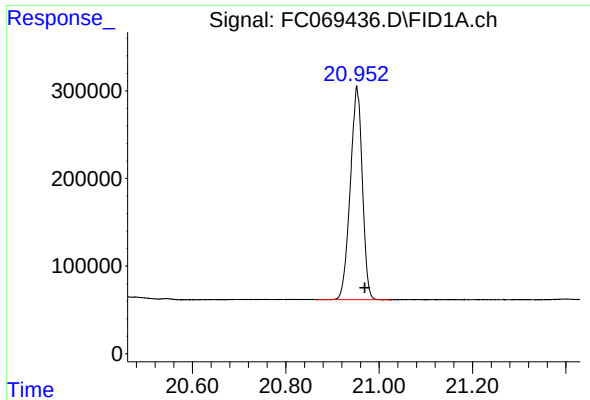
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min  
Delta R.T.: -0.013 min  
Response: 4430390  
Conc: 45.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.188 min  
Delta R.T.: -0.012 min  
Response: 4282644  
Conc: 51.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min  
Delta R.T.: -0.016 min  
Response: 4353200  
Conc: 58.25 ug/ml

Instrument :

FID\_C

ClientSampleId :

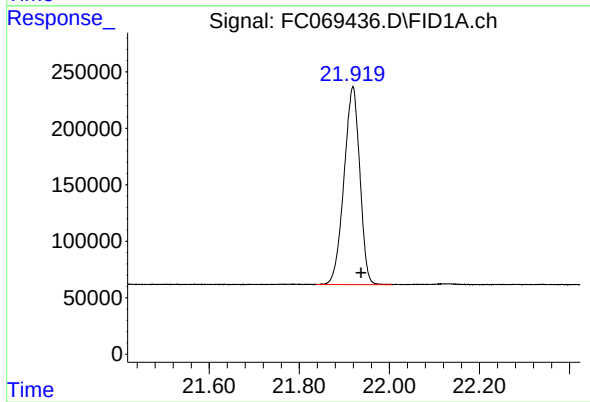
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#22 n-Tetracontane (C40)

R.T.: 21.919 min  
Delta R.T.: -0.018 min  
Response: 4271766  
Conc: 60.32 ug/ml m