

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062425AL\  
 Data File : FC069268.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Jun 2025 14:35  
 Operator : YP/AJ  
 Sample : PB168596BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168596BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/25/2025  
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e  
 Quant Time: Jun 25 00:40:05 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)    | 11.681 | 6080452    | 35.196 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.39%        |
| 12) S 1-chlorooctadecane (S... | 13.115 | 4791844    | 36.679 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 73.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.425  | 5342859    | 37.568 ug/ml  |
| 2) T n-Decane (C10)            | 4.490  | 5821037    | 39.762 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.080  | 7197388    | 44.734 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.509  | 6189435    | 40.875 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.139  | 6720834    | 42.470 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.309  | 6303781    | 40.668 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.913  | 6310028    | 38.613 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.358 | 6061634    | 37.126 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.671 | 5920908    | 38.790 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.283 | 5538518    | 37.577 ug/ml  |
| 13) T n-Docosane (C22)         | 13.870 | 5360430    | 37.256 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.968 | 10329644   | 74.890 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.000 | 4812588    | 36.815 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.949 | 4583845    | 37.168 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.840 | 4416951    | 37.154 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.672 | 4258985    | 38.953 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.457 | 4356580    | 45.115 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.199 | 4159372    | 50.470 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.969 | 4270903    | 57.151 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.939 | 4277946    | 60.409 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168596BS  
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Integration File: autoint1.e

Quant Time: Jun 25 00:40:05 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

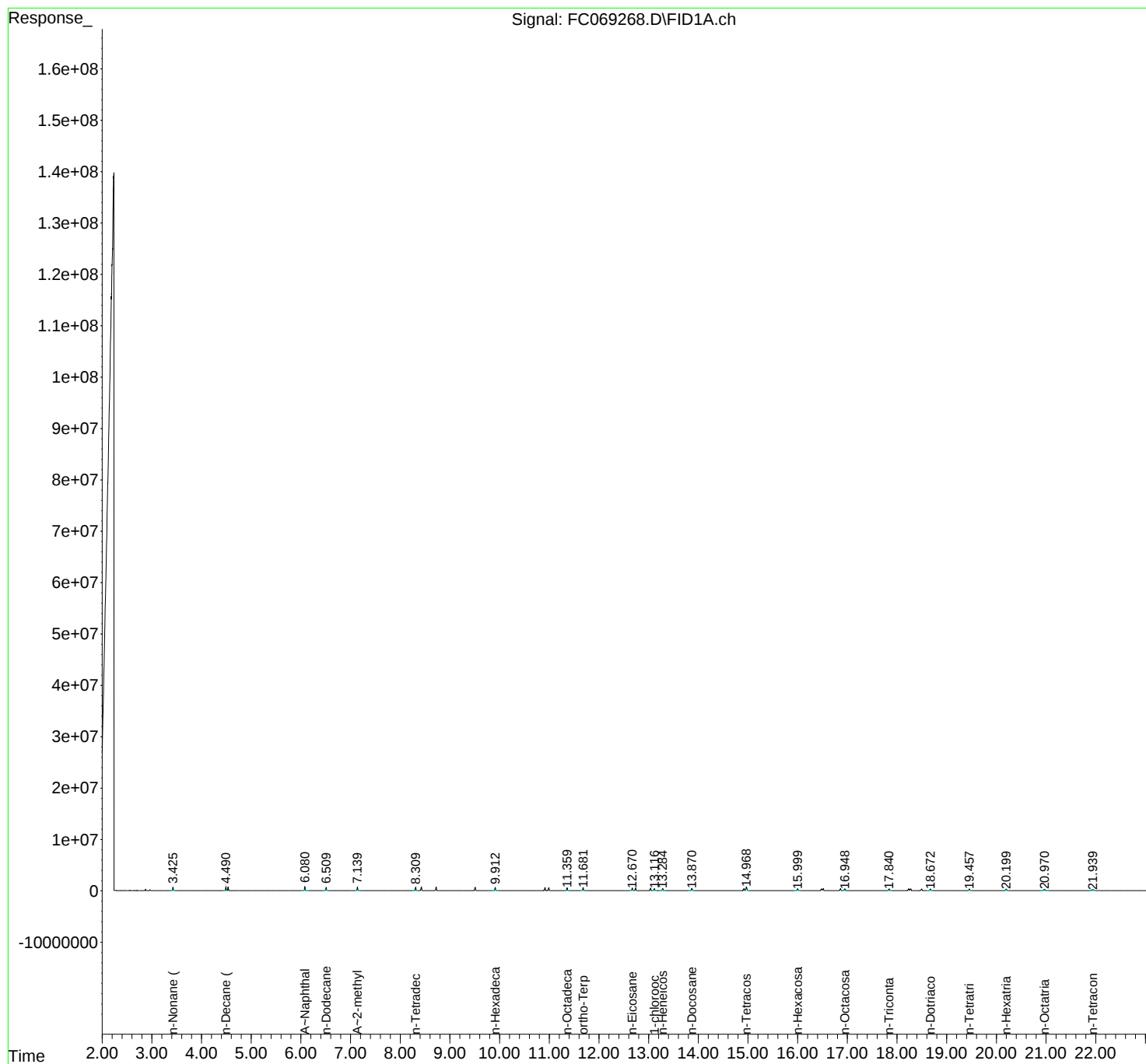
Response via : Initial Calibration

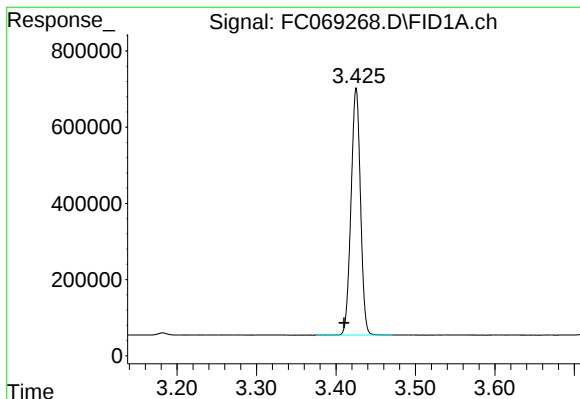
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





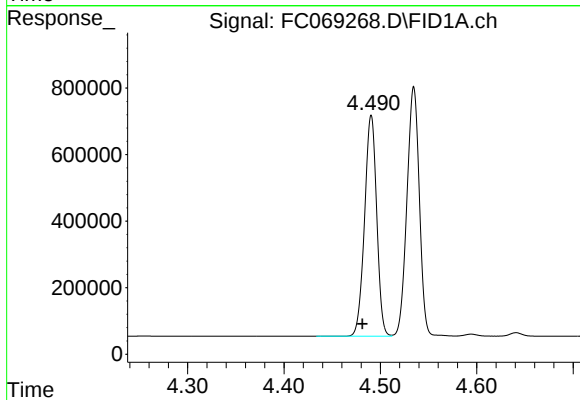
#1 n-Nonane (C9)

R.T.: 3.425 min  
Delta R.T.: 0.015 min  
Response: 5342859  
Conc: 37.57 ug/ml

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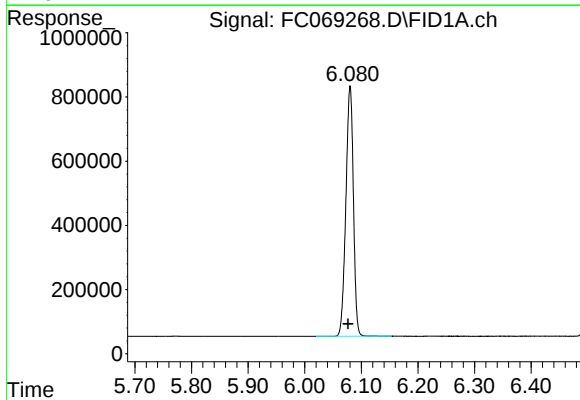
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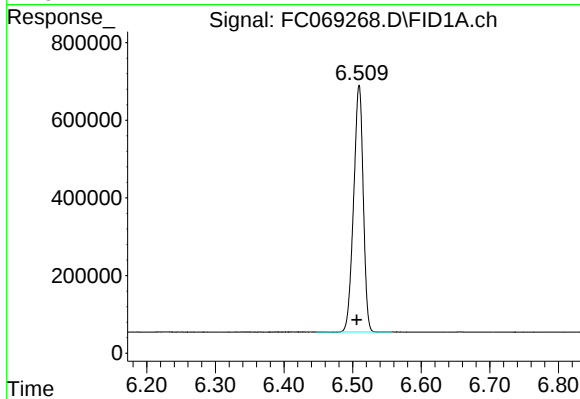
#2 n-Decane (C10)

R.T.: 4.490 min  
Delta R.T.: 0.009 min  
Response: 5821037  
Conc: 39.76 ug/ml



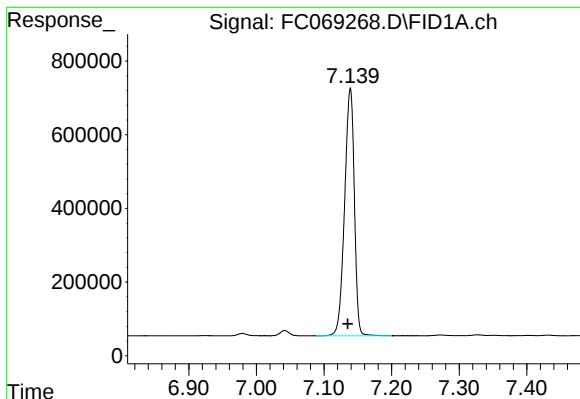
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min  
Delta R.T.: 0.004 min  
Response: 7197388  
Conc: 44.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.509 min  
Delta R.T.: 0.003 min  
Response: 6189435  
Conc: 40.87 ug/ml



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

R.T.: 7.139 min  
Delta R.T.: 0.003 min  
Response: 6720834  
Conc: 42.47 ug/ml

Instrument :

FID\_C

ClientSampleId :

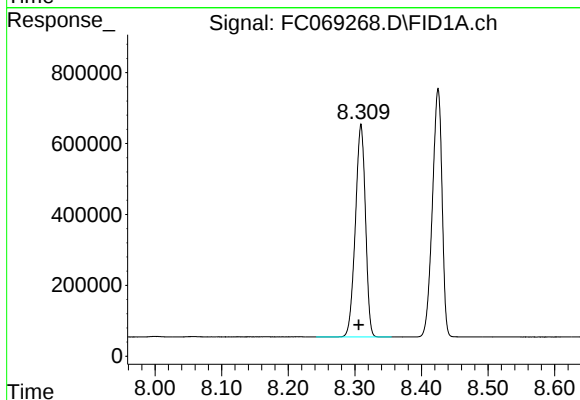
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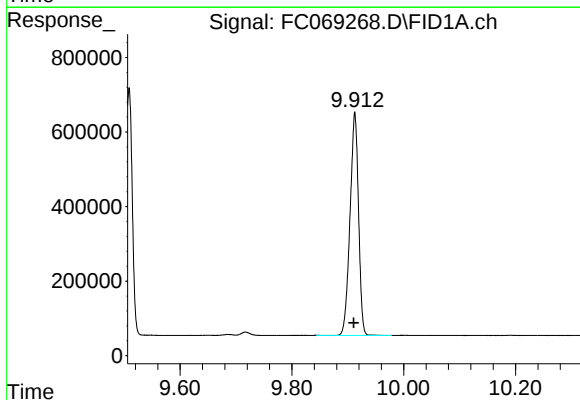
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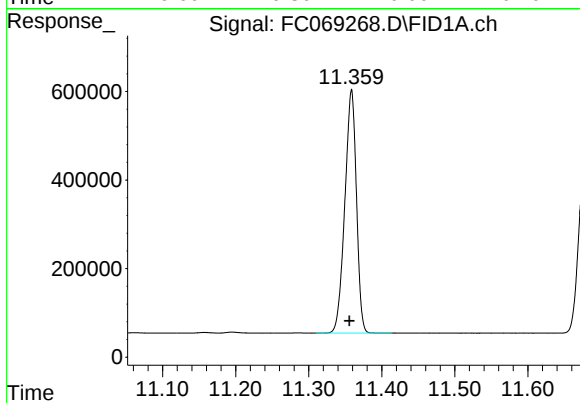
#6 n-Tetradecane (C14)

R.T.: 8.309 min  
Delta R.T.: 0.003 min  
Response: 6303781  
Conc: 40.67 ug/ml



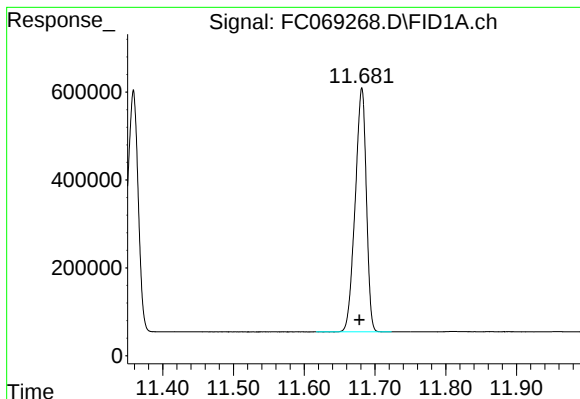
#7 n-Hexadecane (C16)

R.T.: 9.913 min  
Delta R.T.: 0.002 min  
Response: 6310028  
Conc: 38.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min  
Delta R.T.: 0.003 min  
Response: 6061634  
Conc: 37.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min  
Delta R.T.: 0.003 min  
Response: 6080452  
Conc: 35.20 ug/ml

Instrument :

FID\_C

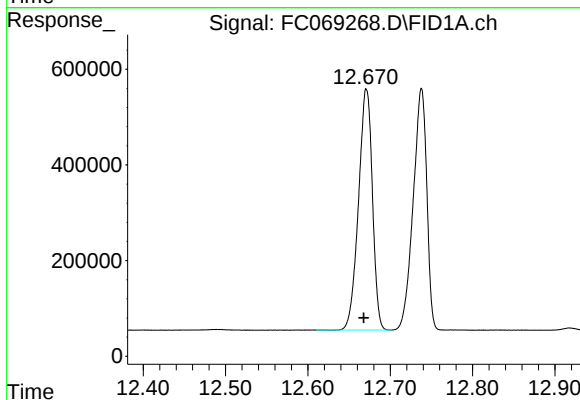
ClientSampleId :

PB168596BS

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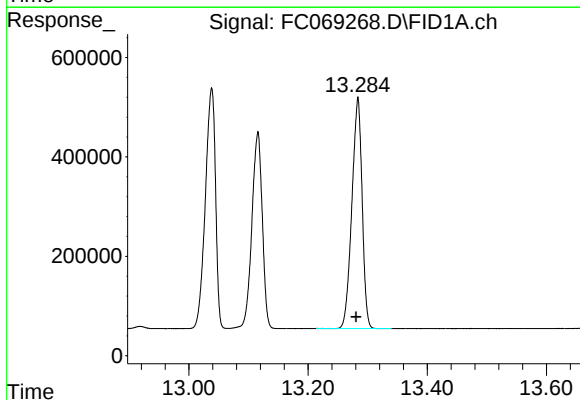
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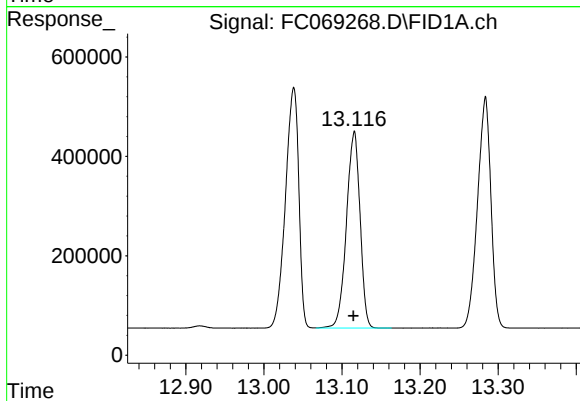
#10 n-Eicosane (C20)

R.T.: 12.671 min  
Delta R.T.: 0.003 min  
Response: 5920908  
Conc: 38.79 ug/ml



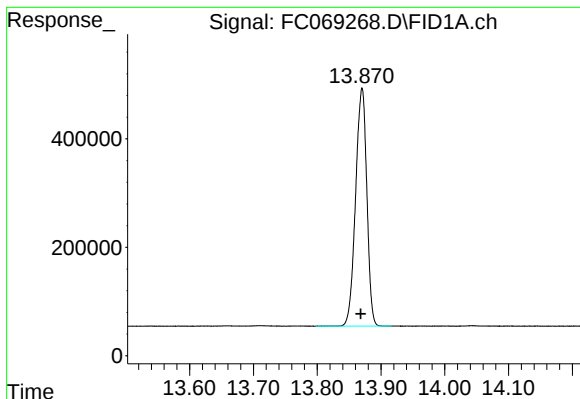
#11 n-Heneicosane (C21)

R.T.: 13.283 min  
Delta R.T.: 0.003 min  
Response: 5538518  
Conc: 37.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min  
Delta R.T.: 0.001 min  
Response: 4791844  
Conc: 36.68 ug/ml



#13 n-Docosane (C22)

R.T.: 13.870 min  
Delta R.T.: 0.002 min  
Response: 5360430  
Conc: 37.26 ug/ml

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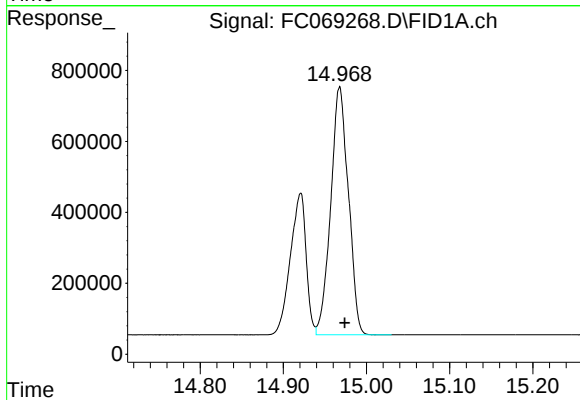
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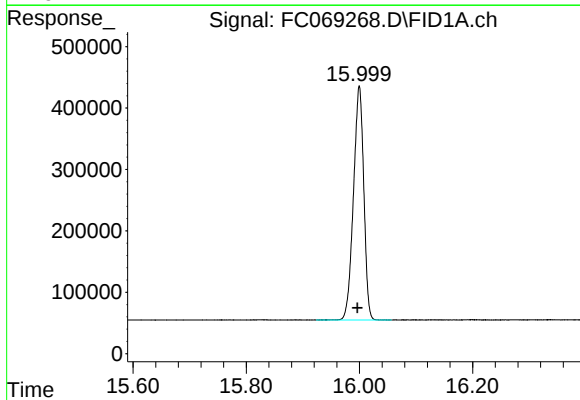
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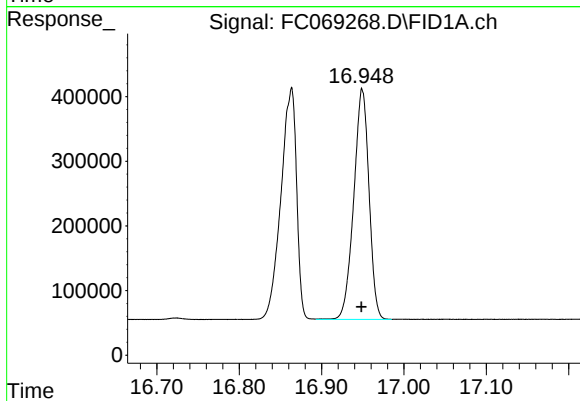
#14 n-Tetracosane (C24)

R.T.: 14.968 min  
Delta R.T.: -0.006 min  
Response: 10329644  
Conc: 74.89 ug/ml



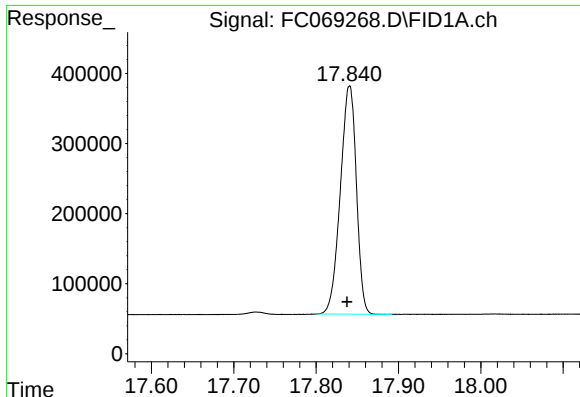
#15 n-Hexacosane (C26)

R.T.: 16.000 min  
Delta R.T.: 0.003 min  
Response: 4812588  
Conc: 36.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min  
Delta R.T.: 0.000 min  
Response: 4583845  
Conc: 37.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.840 min  
Delta R.T.: 0.003 min  
Response: 4416951  
Conc: 37.15 ug/ml

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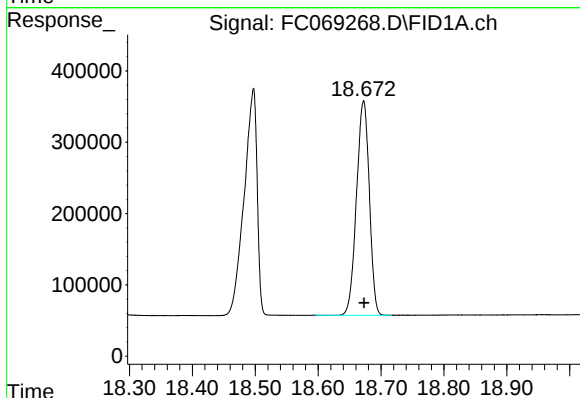
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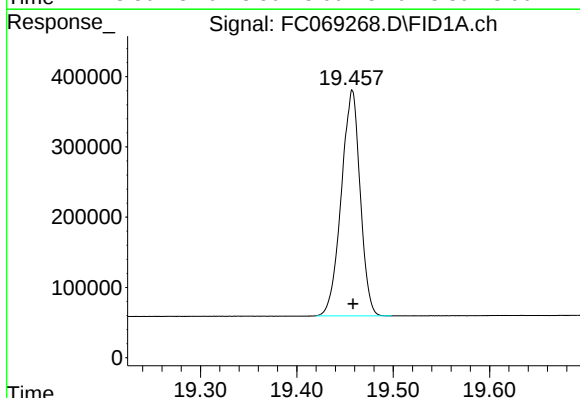
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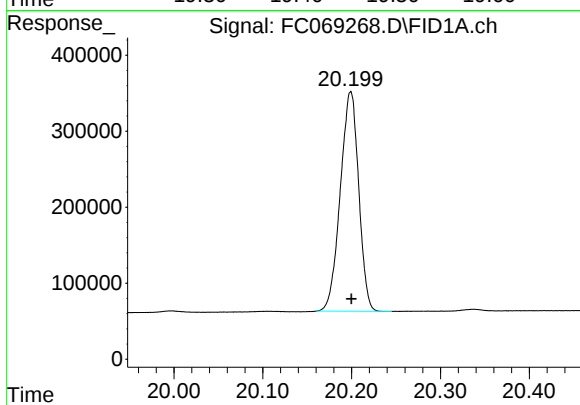
#18 n-Dotriacontane (C32)

R.T.: 18.672 min  
Delta R.T.: 0.000 min  
Response: 4258985  
Conc: 38.95 ug/ml



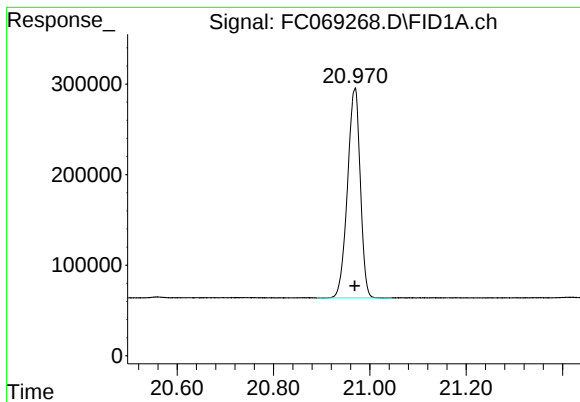
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min  
Delta R.T.: -0.001 min  
Response: 4356580  
Conc: 45.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.199 min  
Delta R.T.: 0.000 min  
Response: 4159372  
Conc: 50.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min  
Delta R.T.: 0.000 min  
Response: 4270903  
Conc: 57.15 ug/ml

Instrument :

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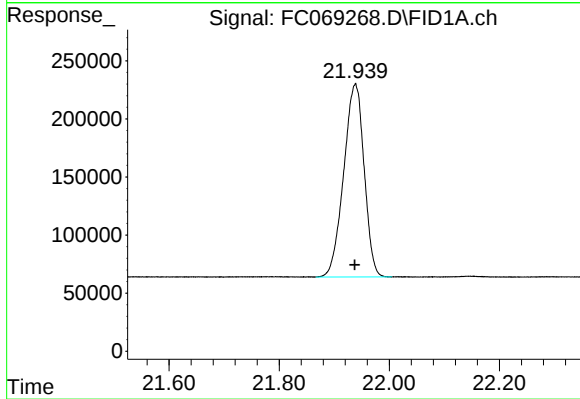
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#22 n-Tetracontane (C40)

R.T.: 21.939 min  
Delta R.T.: 0.001 min  
Response: 4277946  
Conc: 60.41 ug/ml m