

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080625AL\  
 Data File : FC069586.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Aug 2025 18:06  
 Operator : YP/AJ  
 Sample : Q2780-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TP-3MS

Manual Integrations  
 APPROVED

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

Integration File: autoint1.e  
 Quant Time: Aug 07 02:50:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 01 14:14:17 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)    | 11.670 | 4906628    | 32.889 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.78%        |
| 12) S 1-chlorooctadecane (S... | 13.105 | 3911295    | 35.876 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 71.75%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.403  | 3138400    | 22.028 ug/ml  |
| 2) T n-Decane (C10)            | 4.475  | 3561487    | 24.498 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.070  | 4504671    | 29.032 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.498  | 3938165    | 26.940 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.130  | 4862719    | 33.018 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.299  | 4307507    | 30.183 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.902  | 4819987    | 33.435 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.347 | 4658432    | 32.942 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.659 | 4816696    | 36.565 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.271 | 4553181    | 35.699 ug/ml  |
| 13) T n-Docosane (C22)         | 13.858 | 4560697    | 36.509 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.959 | 8910615    | 73.842 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.987 | 4025633    | 34.839 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.937 | 3969666    | 35.415 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.826 | 3759716    | 32.837 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.660 | 3645804    | 32.821 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.445 | 3800216    | 37.321 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.186 | 3445030    | 38.637 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.950 | 3411834    | 42.413 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.911 | 3252048    | 43.429 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 06 Aug 2025 18:06  
Operator : YP/AJ  
Sample : Q2780-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

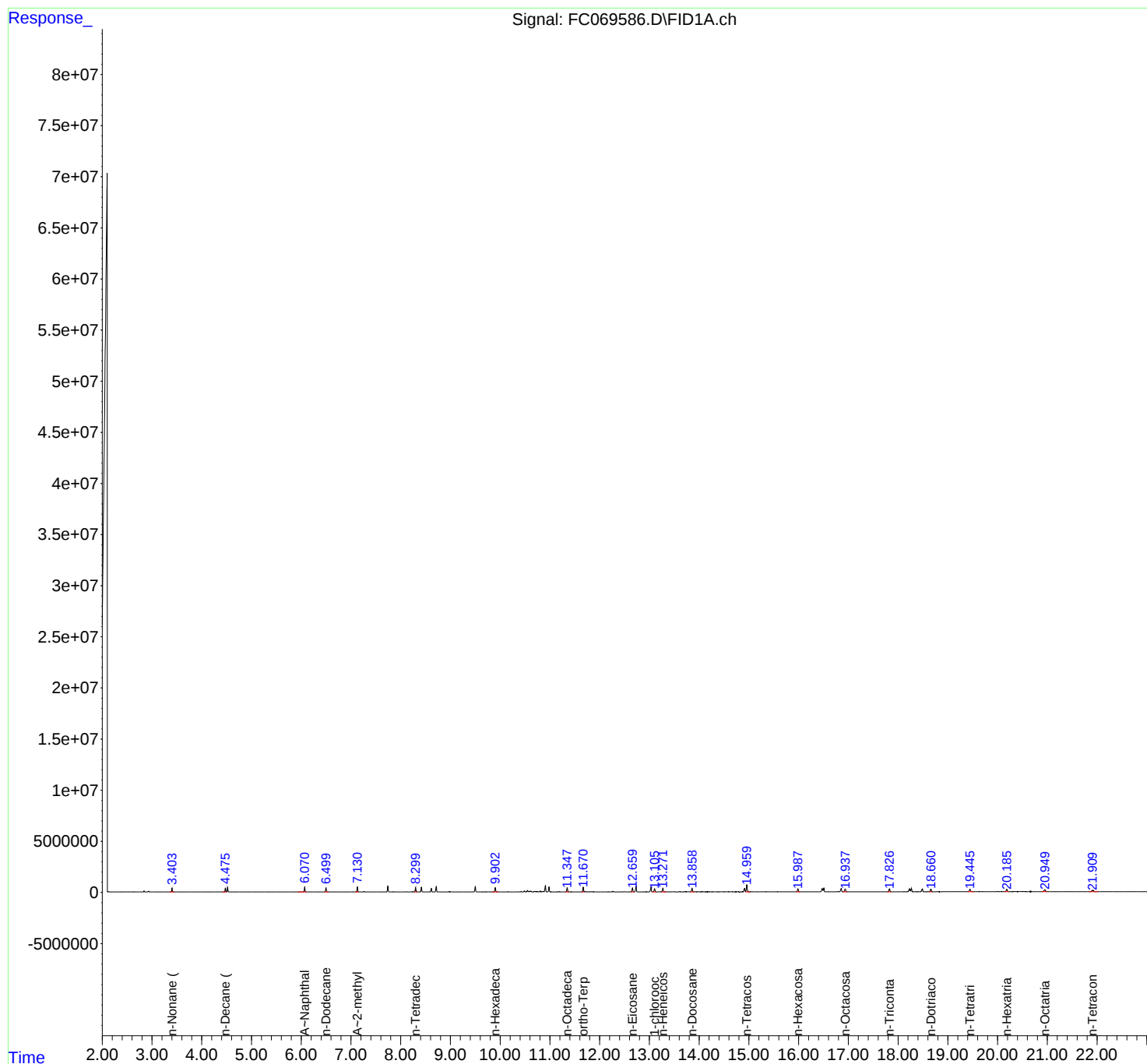
Instrument :  
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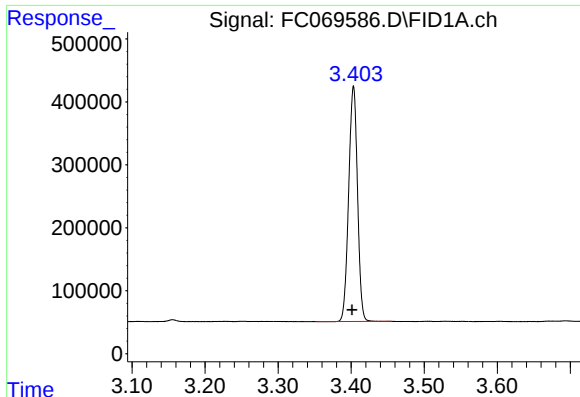
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Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.403 min  
Delta R.T.: 0.002 min  
Response: 3138400  
Conc: 22.03 ug/ml

Instrument :

FID\_C

ClientSampleId :

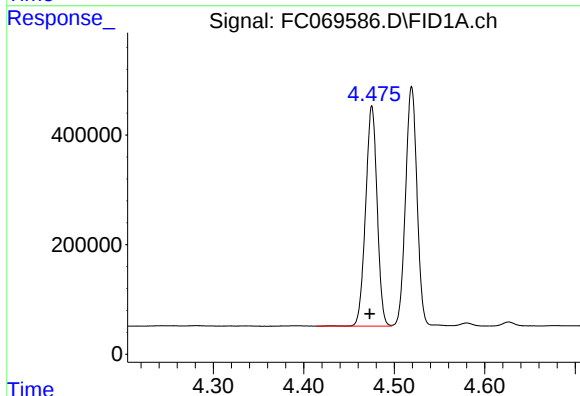
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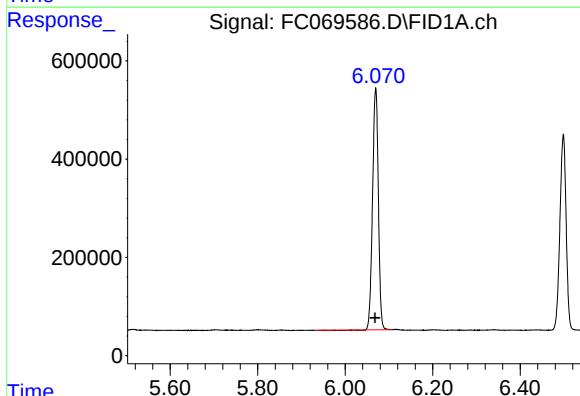
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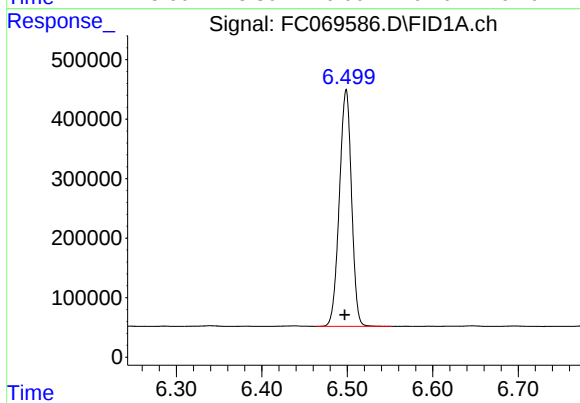
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: 0.002 min  
Response: 3561487  
Conc: 24.50 ug/ml



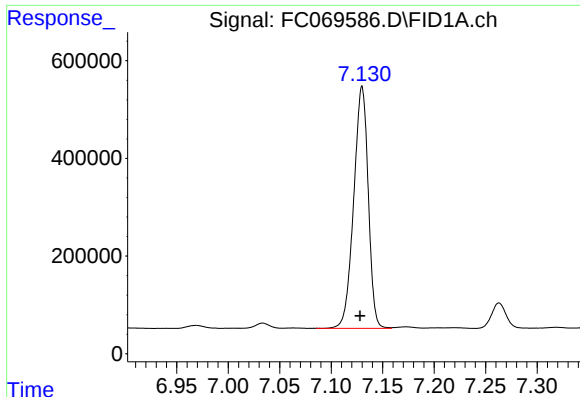
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min  
Delta R.T.: 0.001 min  
Response: 4504671  
Conc: 29.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.498 min  
Delta R.T.: 0.001 min  
Response: 3938165  
Conc: 26.94 ug/ml



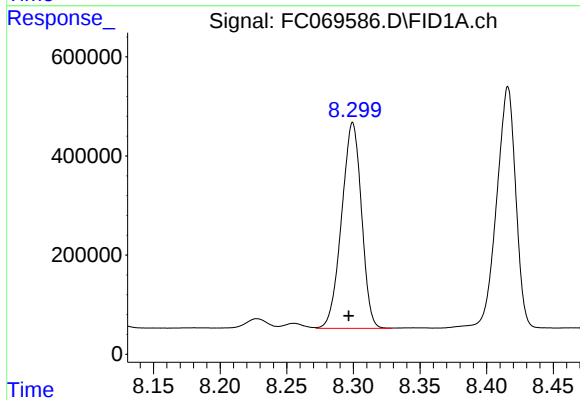
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min  
Delta R.T.: 0.002 min  
Response: 4862719  
Conc: 33.02 ug/ml

Instrument :  
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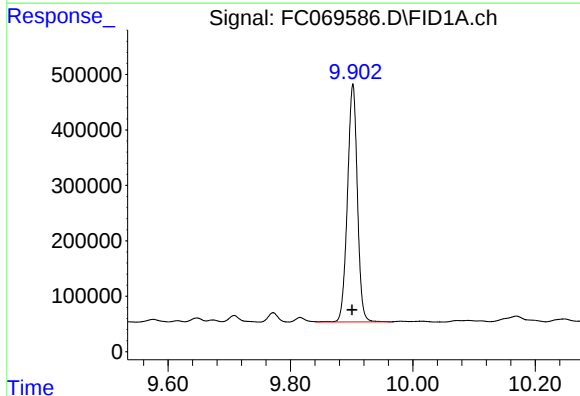
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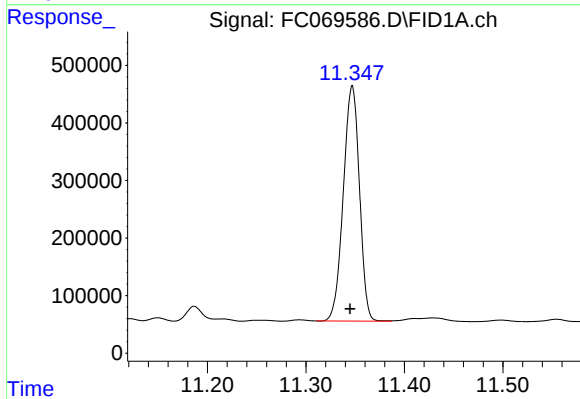
#6 n-Tetradecane (C14)

R.T.: 8.299 min  
Delta R.T.: 0.003 min  
Response: 4307507  
Conc: 30.18 ug/ml



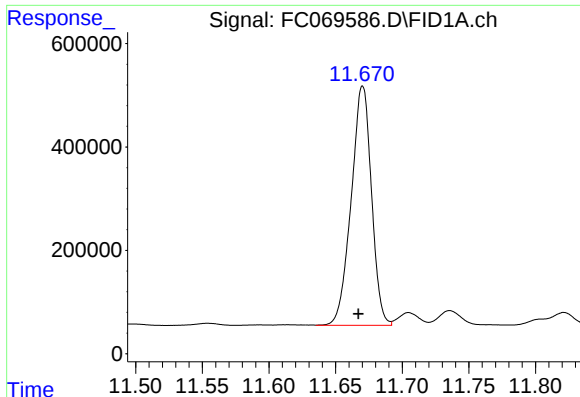
#7 n-Hexadecane (C16)

R.T.: 9.902 min  
Delta R.T.: 0.001 min  
Response: 4819987  
Conc: 33.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.347 min  
Delta R.T.: 0.002 min  
Response: 4658432  
Conc: 32.94 ug/ml



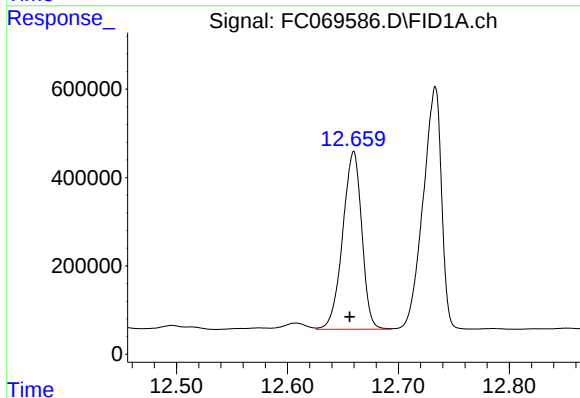
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min  
Delta R.T.: 0.003 min  
Response: 4906628  
Conc: 32.89 ug/ml

Instrument :  
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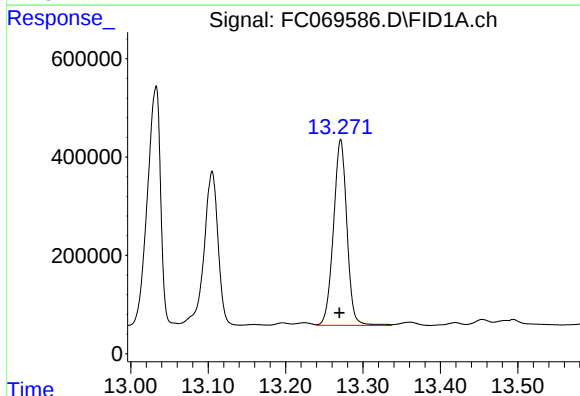
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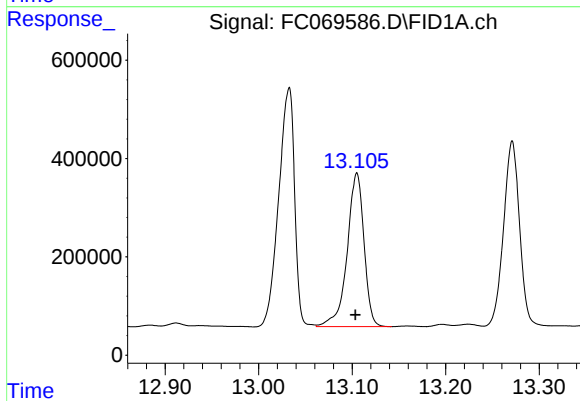
#10 n-Eicosane (C20)

R.T.: 12.659 min  
Delta R.T.: 0.003 min  
Response: 4816696  
Conc: 36.57 ug/ml



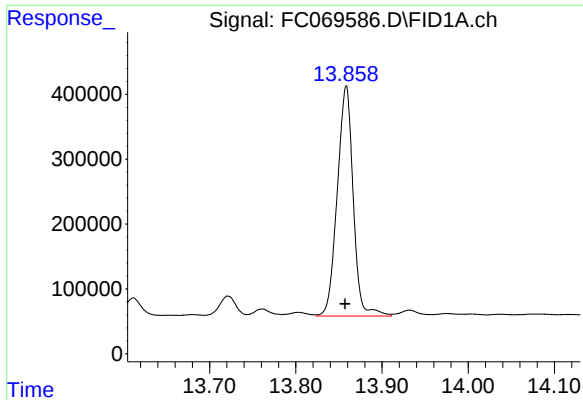
#11 n-Heneicosane (C21)

R.T.: 13.271 min  
Delta R.T.: 0.002 min  
Response: 4553181  
Conc: 35.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min  
Delta R.T.: 0.001 min  
Response: 3911295  
Conc: 35.88 ug/ml



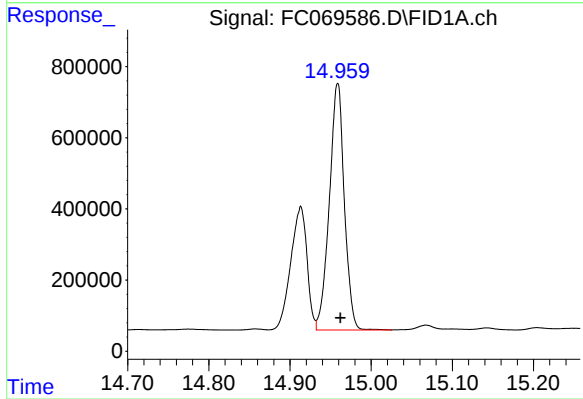
#13 n-Docosane (C22)

R.T.: 13.858 min  
Delta R.T.: 0.001 min  
Response: 4560697  
Conc: 36.51 ug/ml

Instrument :  
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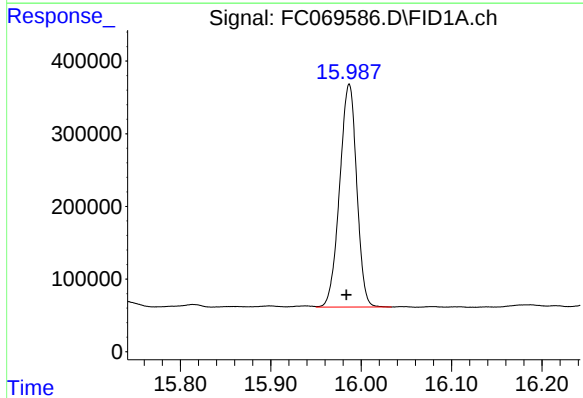
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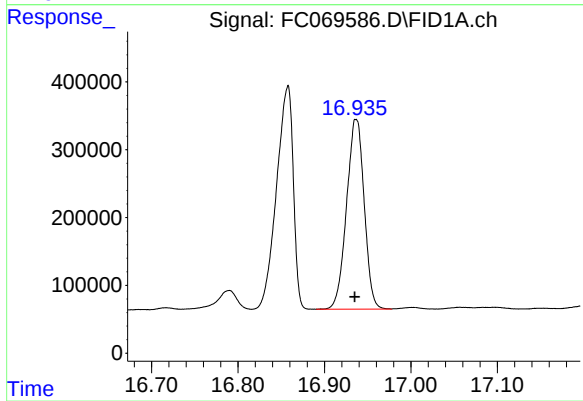
#14 n-Tetracosane (C24)

R.T.: 14.959 min  
Delta R.T.: -0.003 min  
Response: 8910615  
Conc: 73.84 ug/ml



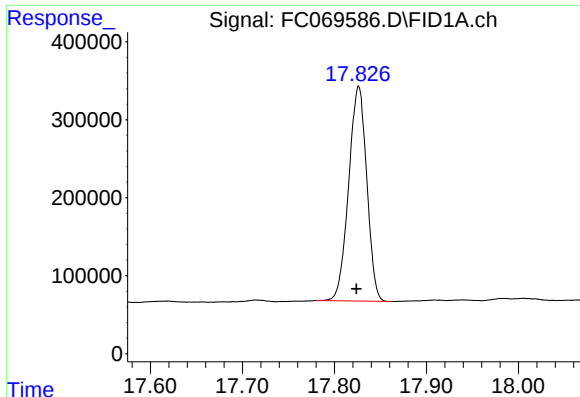
#15 n-Hexacosane (C26)

R.T.: 15.987 min  
Delta R.T.: 0.003 min  
Response: 4025633  
Conc: 34.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.937 min  
Delta R.T.: 0.002 min  
Response: 3969666  
Conc: 35.42 ug/ml



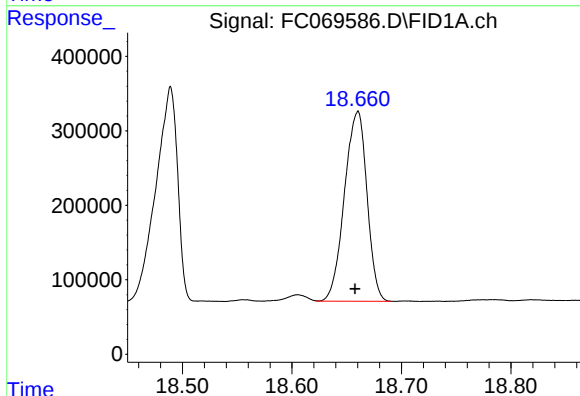
#17 n-Tricontane (C30)

R.T.: 17.826 min  
Delta R.T.: 0.002 min  
Response: 3759716  
Conc: 32.84 ug/ml

Instrument :  
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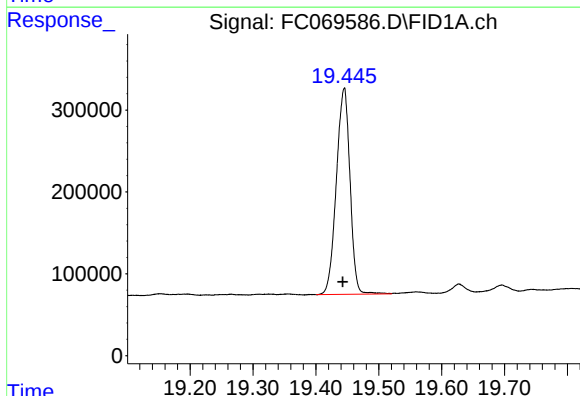
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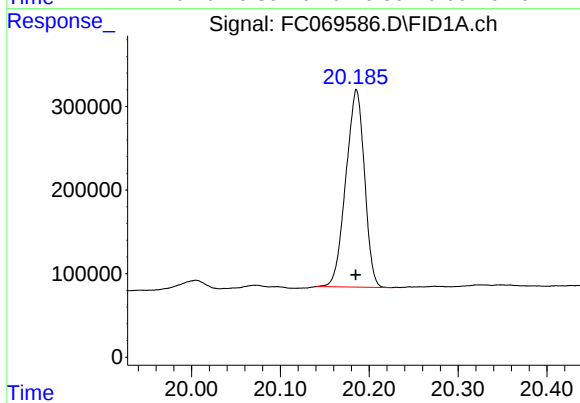
#18 n-Dotriacontane (C32)

R.T.: 18.660 min  
Delta R.T.: 0.002 min  
Response: 3645804  
Conc: 32.82 ug/ml m



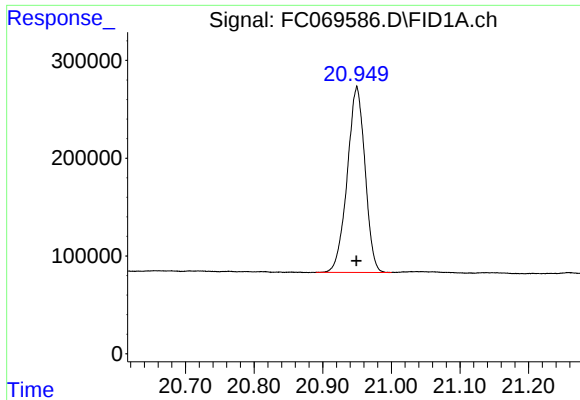
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min  
Delta R.T.: 0.002 min  
Response: 3800216  
Conc: 37.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.186 min  
Delta R.T.: 0.000 min  
Response: 3445030  
Conc: 38.64 ug/ml



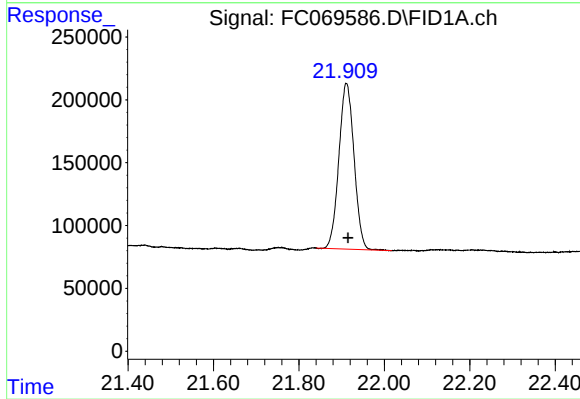
#21 n-Octatriacontane (C38)

R.T.: 20.950 min  
Delta R.T.: 0.000 min  
Response: 3411834  
Conc: 42.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min  
Delta R.T.: -0.004 min  
Response: 3252048  
Conc: 43.43 ug/ml