

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110625AL\  
 Data File : FC070153.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Nov 2025 22:32  
 Operator : YP/AJ  
 Sample : Q3546-01MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TP-COMPMS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025  
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e  
 Quant Time: Nov 07 03:06:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 110625.M  
 Quant Title : GC Extractables  
 Qlast Update : Thu Nov 06 14:47:49 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)    | 11.638 | 5988425    | 34.114 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.23%        |
| 12) S 1-chlorooctadecane (S... | 13.073 | 4784979    | 35.789 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 71.58%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.376  | 2751140    | 19.400 ug/ml  |
| 2) T n-Decane (C10)            | 4.448  | 3154128    | 21.482 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.042  | 4141793    | 25.757 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.471  | 3620929    | 23.613 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.101  | 4015039    | 25.741 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.270  | 4174278    | 26.558 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.871  | 4627773    | 27.917 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.316 | 4775846    | 28.335 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.627 | 4749718    | 29.692 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.239 | 4633037    | 29.883 ug/ml  |
| 13) T n-Docosane (C22)         | 13.825 | 4556301    | 29.434 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.925 | 8723321    | 55.970 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.954 | 4160198    | 27.949 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.902 | 4032169    | 27.743 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.794 | 3826152    | 25.793 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.626 | 3806017    | 26.155 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.409 | 3494707    | 27.157 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.151 | 3144210    | 29.171 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.909 | 2982893    | 31.289 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.858 | 2878692    | 32.468 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
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Misc :  
ALS Vial : 29 Sample Multiplier: 1

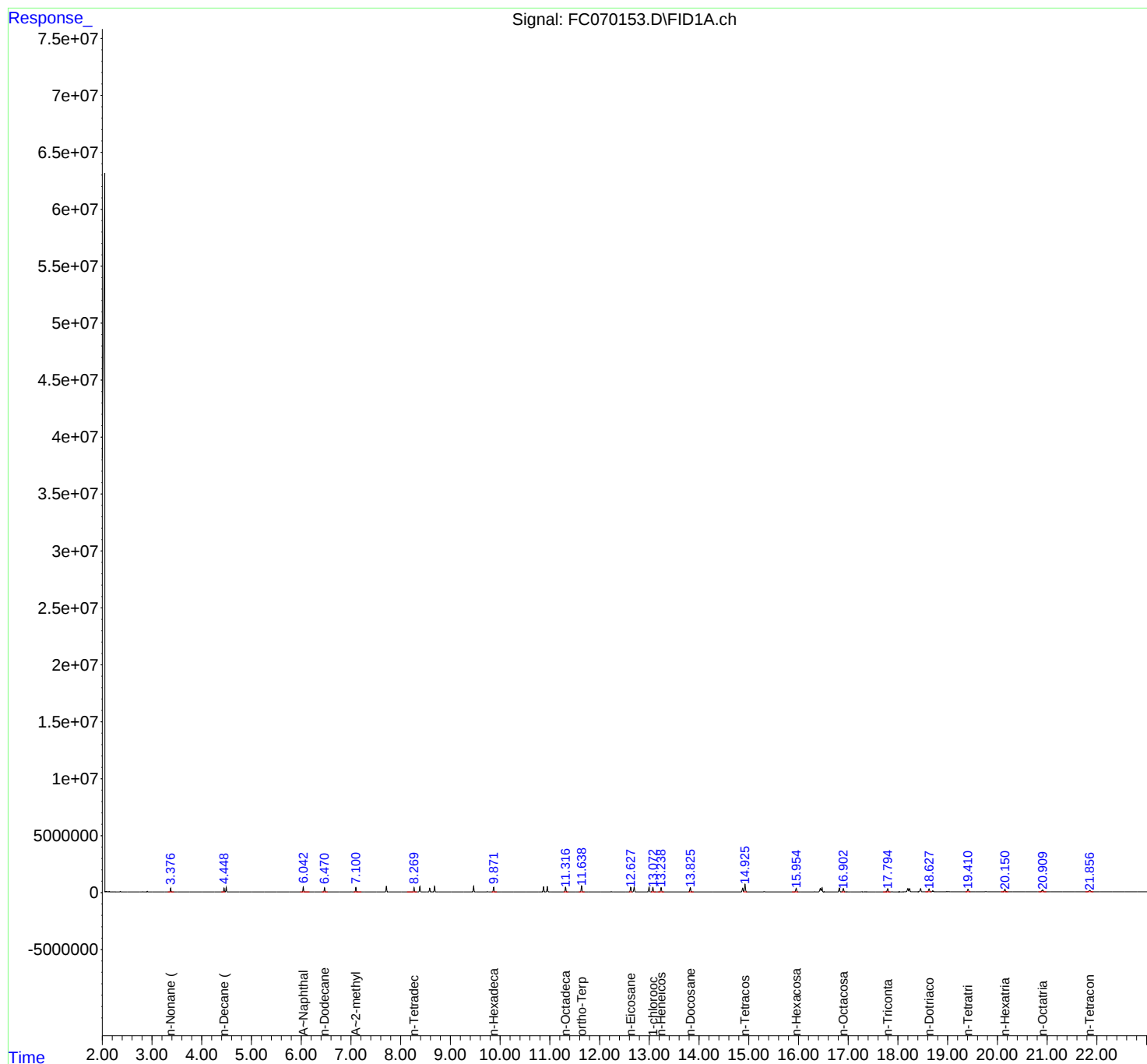
Instrument :  
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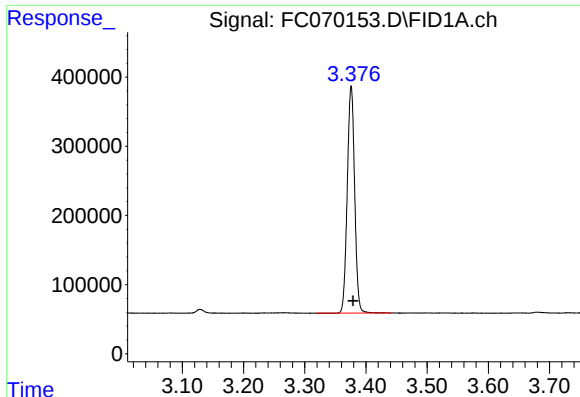
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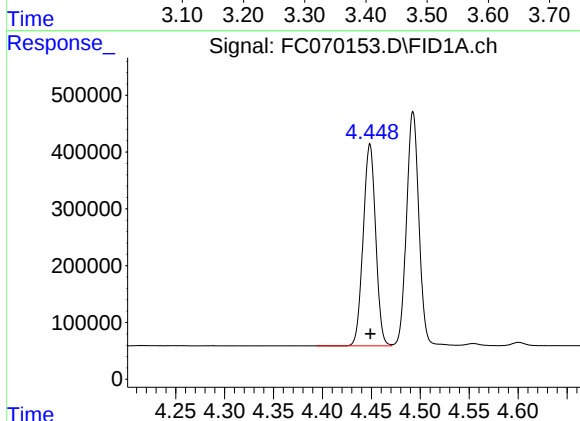
#1 n-Nonane (C9)

R.T.: 3.376 min  
Delta R.T.: -0.003 min  
Response: 2751140  
Conc: 19.40 ug/ml

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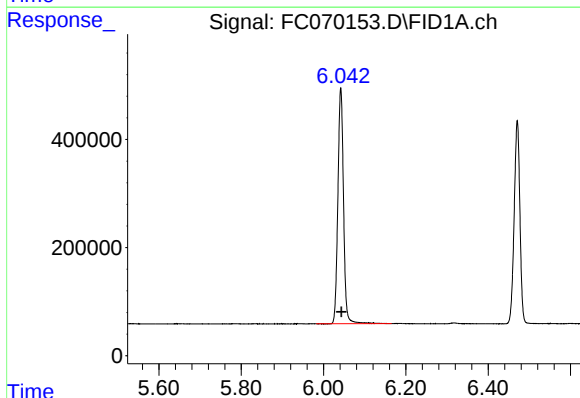
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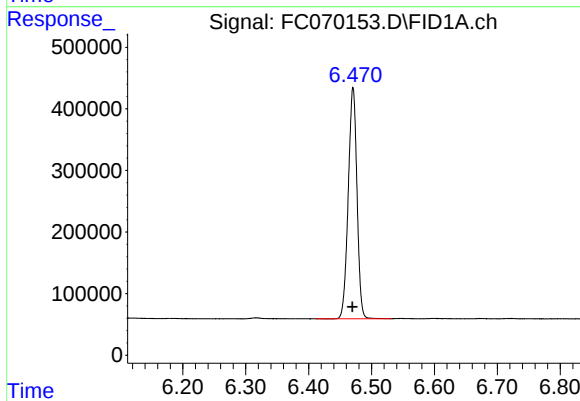
#2 n-Decane (C10)

R.T.: 4.448 min  
Delta R.T.: 0.000 min  
Response: 3154128  
Conc: 21.48 ug/ml



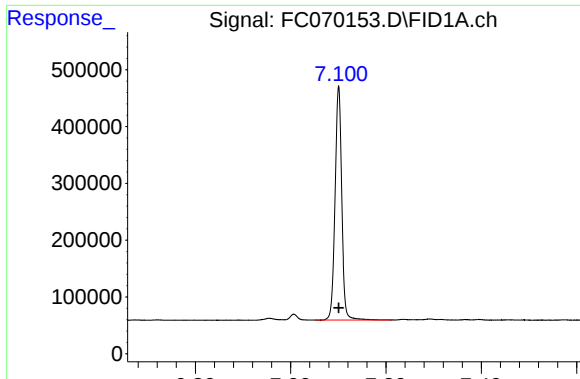
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min  
Delta R.T.: -0.002 min  
Response: 4141793  
Conc: 25.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.471 min  
Delta R.T.: 0.000 min  
Response: 3620929  
Conc: 23.61 ug/ml



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

R.T.: 7.101 min  
Delta R.T.: 0.000 min  
Response: 4015039  
Conc: 25.74 ug/ml

Instrument :

FID\_C

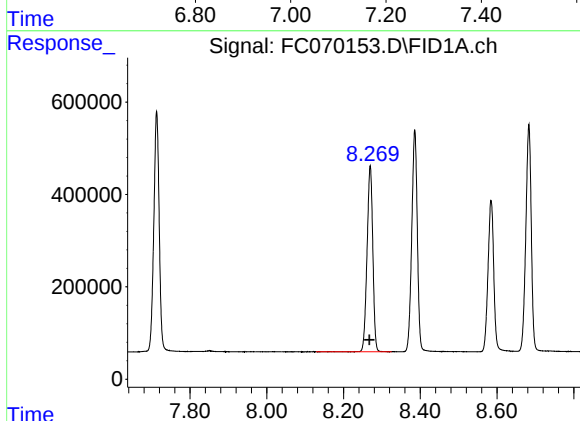
ClientSampleId :

TP-COMPMS

Manual Integrations

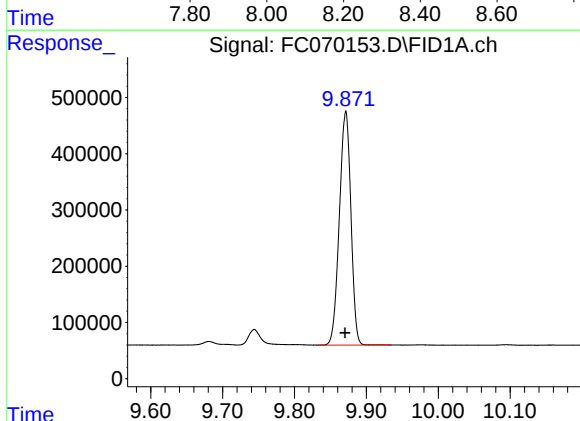
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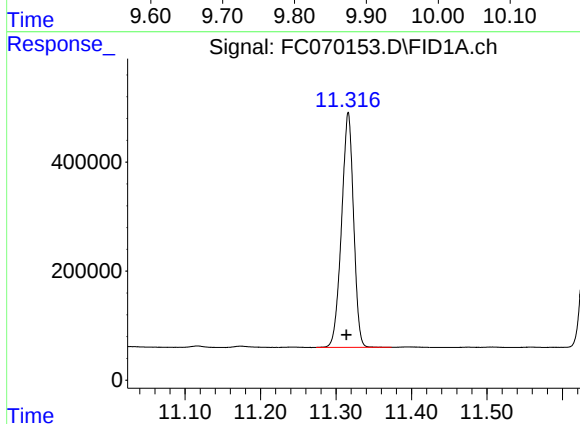
#6 n-Tetradecane (C14)

R.T.: 8.270 min  
Delta R.T.: 0.002 min  
Response: 4174278  
Conc: 26.56 ug/ml



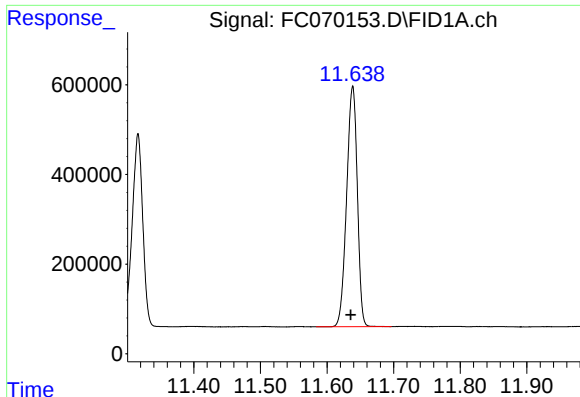
#7 n-Hexadecane (C16)

R.T.: 9.871 min  
Delta R.T.: 0.001 min  
Response: 4627773  
Conc: 27.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.316 min  
Delta R.T.: 0.002 min  
Response: 4775846  
Conc: 28.33 ug/ml



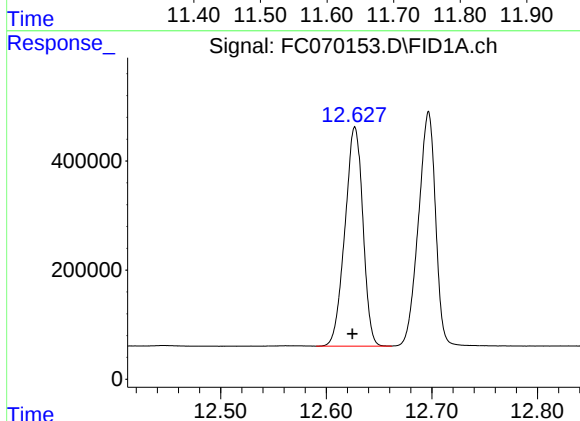
#9 ortho-Terphenyl (SURR)

R.T.: 11.638 min  
Delta R.T.: 0.003 min  
Response: 5988425  
Conc: 34.11 ug/ml

Instrument :  
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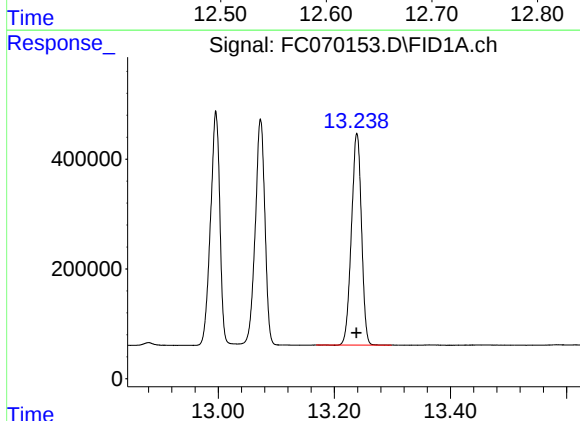
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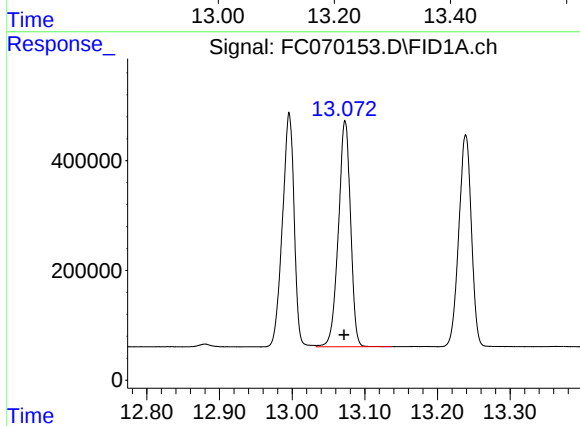
#10 n-Eicosane (C20)

R.T.: 12.627 min  
Delta R.T.: 0.002 min  
Response: 4749718  
Conc: 29.69 ug/ml



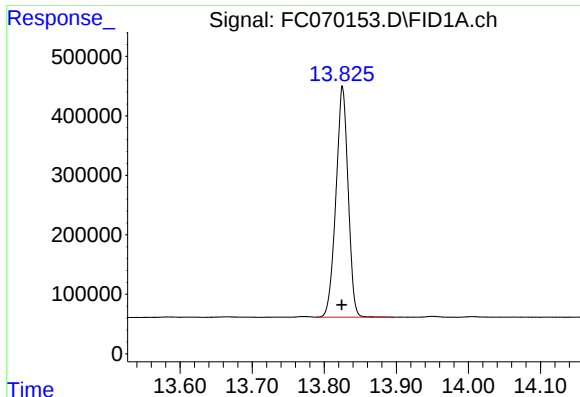
#11 n-Heneicosane (C21)

R.T.: 13.239 min  
Delta R.T.: 0.001 min  
Response: 4633037  
Conc: 29.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min  
Delta R.T.: 0.001 min  
Response: 4784979  
Conc: 35.79 ug/ml



#13 n-Docosane (C22)

R.T.: 13.825 min  
Delta R.T.: 0.001 min  
Response: 4556301  
Conc: 29.43 ug/ml

Instrument :

FID\_C

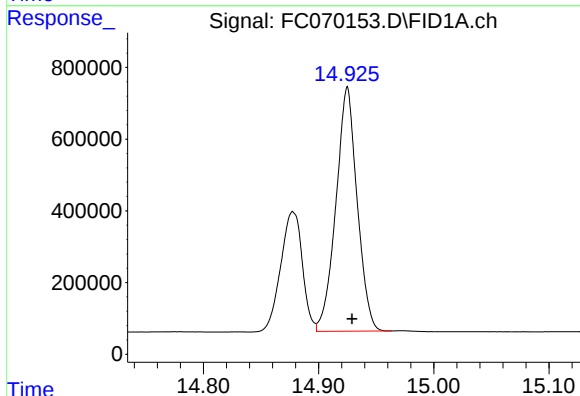
ClientSampleId :

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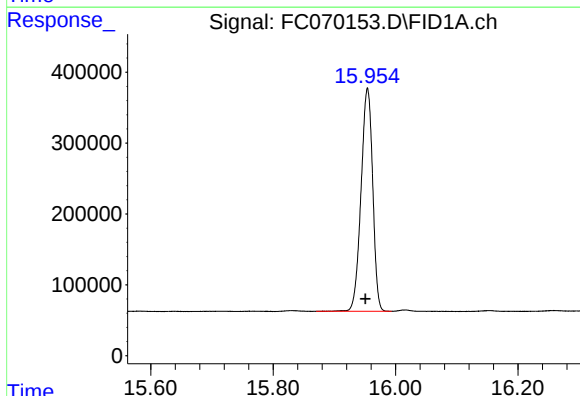
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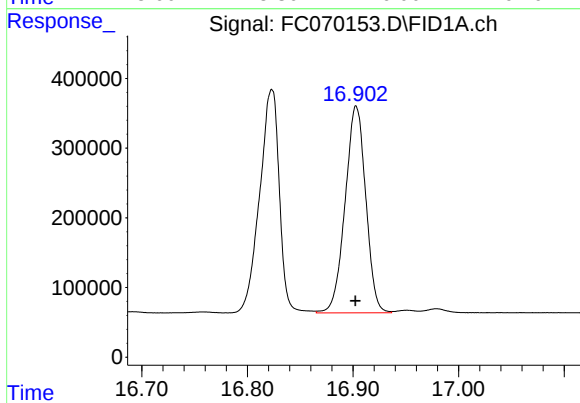
#14 n-Tetracosane (C24)

R.T.: 14.925 min  
Delta R.T.: -0.004 min  
Response: 8723321  
Conc: 55.97 ug/ml



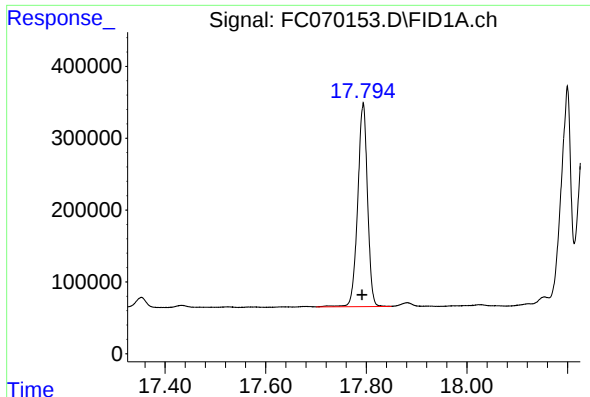
#15 n-Hexacosane (C26)

R.T.: 15.954 min  
Delta R.T.: 0.003 min  
Response: 4160198  
Conc: 27.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.902 min  
Delta R.T.: 0.000 min  
Response: 4032169  
Conc: 27.74 ug/ml m



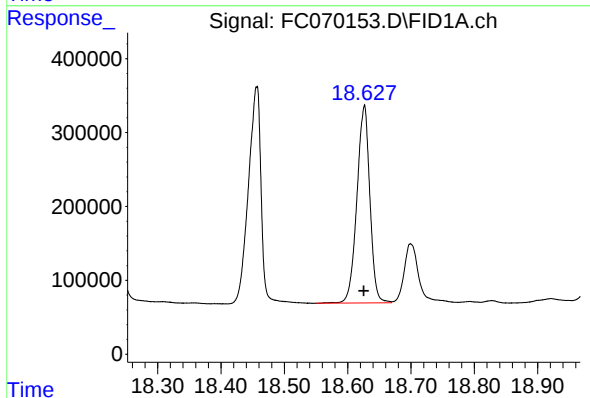
#17 n-Tricontane (C30)

R.T.: 17.794 min  
Delta R.T.: 0.002 min  
Response: 3826152  
Conc: 25.79 ug/ml

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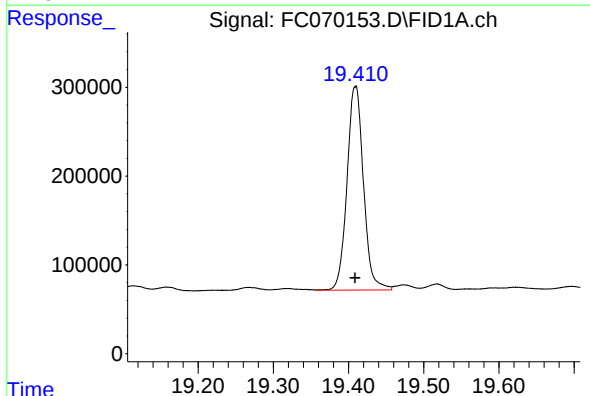
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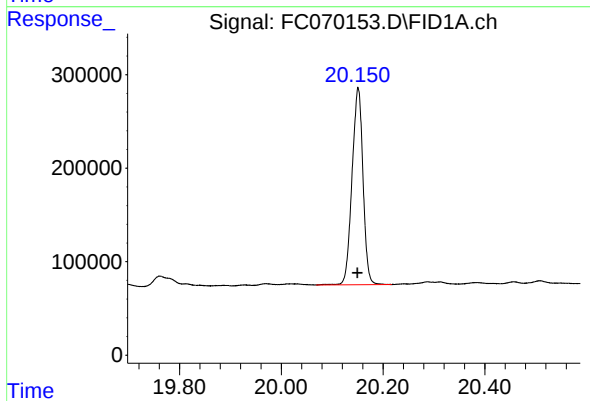
#18 n-Dotriacontane (C32)

R.T.: 18.626 min  
Delta R.T.: 0.000 min  
Response: 3806017  
Conc: 26.15 ug/ml



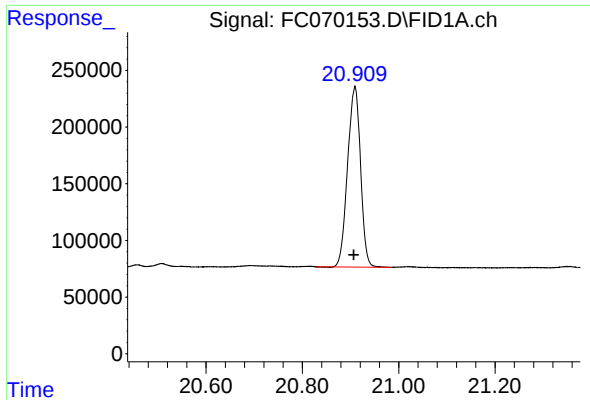
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min  
Delta R.T.: 0.000 min  
Response: 3494707  
Conc: 27.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min  
Delta R.T.: 0.002 min  
Response: 3144210  
Conc: 29.17 ug/ml



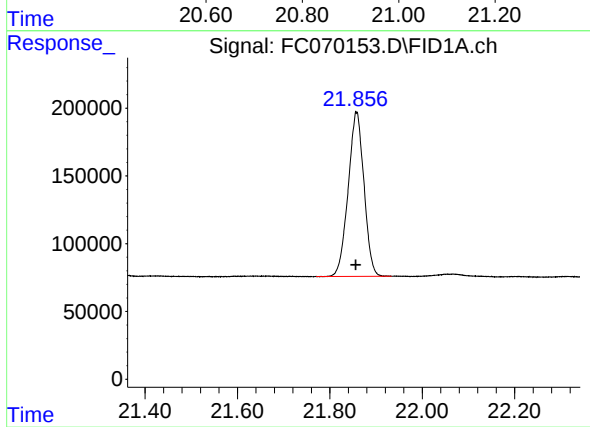
#21 n-Octatriacontane (C38)

R.T.: 20.909 min  
Delta R.T.: 0.002 min  
Response: 2982893  
Conc: 31.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.858 min  
Delta R.T.: 0.002 min  
Response: 2878692  
Conc: 32.47 ug/ml