

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070825AL\  
 Data File : FC069393.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jul 2025 15:43  
 Operator : YP/AJ  
 Sample : Q2486-03MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025  
 Supervised By :mohammad ahmed 07/10/2025

Integration File: autoint1.e  
 Quant Time: Jul 09 04:44:38 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)    | 11.676 | 5649554    | 32.702 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.40%        |
| 12) S 1-chlorooctadecane (S... | 13.111 | 4327509    | 33.125 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 66.25%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.424  | 6069155    | 42.675 ug/ml  |
| 2) T n-Decane (C10)            | 4.488  | 6439160    | 43.985 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.078  | 7947553    | 49.396 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.506  | 6650413    | 43.919 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.136  | 7333302    | 46.340 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.306  | 6644023    | 42.863 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.909  | 6607450    | 40.433 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.354 | 6346770    | 38.873 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.666 | 6259381    | 41.008 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.279 | 5875766    | 39.865 ug/ml  |
| 13) T n-Docosane (C22)         | 13.866 | 5693329    | 39.569 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.964 | 10912472   | 79.115 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.994 | 5072944    | 38.807 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.942 | 4825475    | 39.127 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.834 | 4645893    | 39.079 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.666 | 4598922    | 42.062 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.451 | 4731886    | 49.001 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.193 | 4617565    | 56.030 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.960 | 4813486    | 64.411 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.925 | 4930686    | 69.627 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : Q2486-03MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

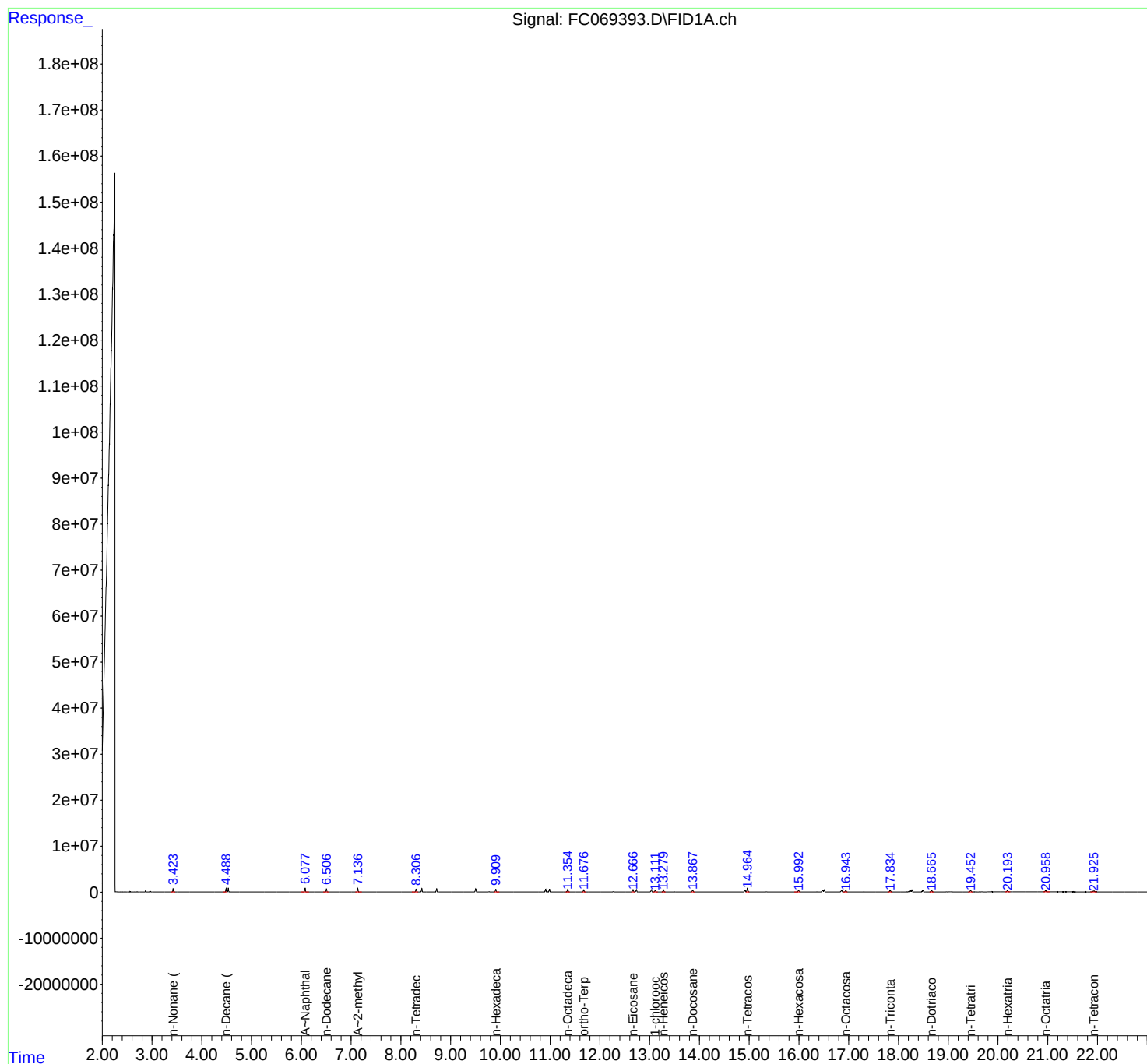
Instrument :  
FID\_C  
ClientSampleId :  
1MS

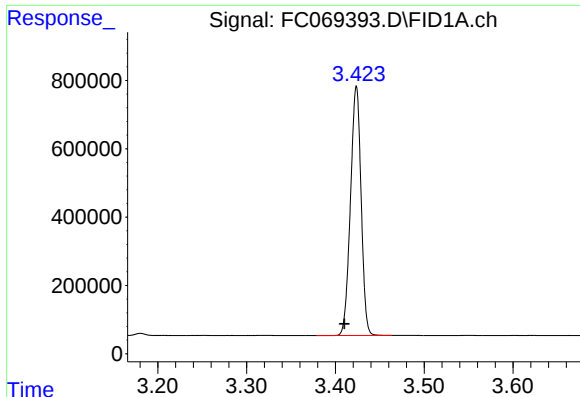
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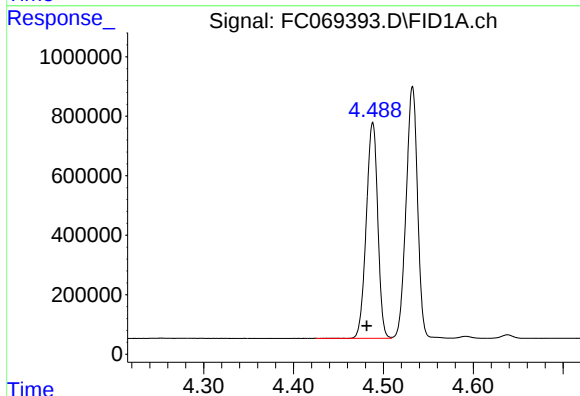
#1 n-Nonane (C9)

R.T.: 3.424 min  
Delta R.T.: 0.014 min  
Response: 6069155  
Conc: 42.67 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
1MS

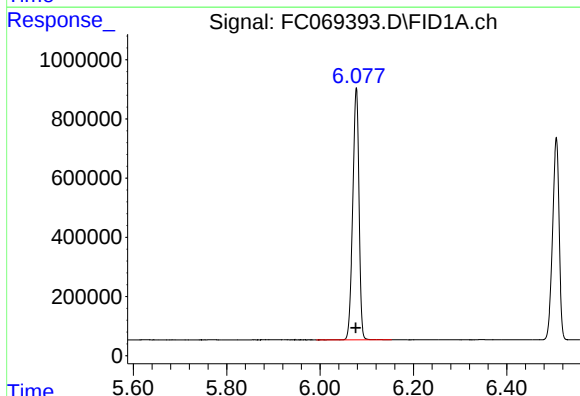
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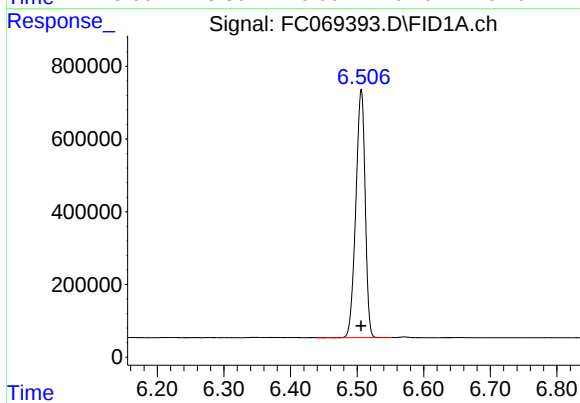
#2 n-Decane (C10)

R.T.: 4.488 min  
Delta R.T.: 0.007 min  
Response: 6439160  
Conc: 43.98 ug/ml



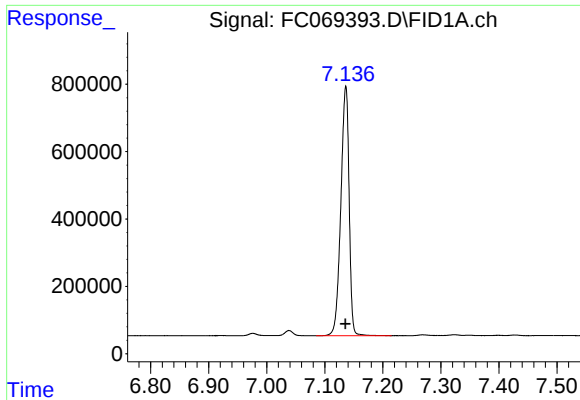
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min  
Delta R.T.: 0.001 min  
Response: 7947553  
Conc: 49.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 6650413  
Conc: 43.92 ug/ml



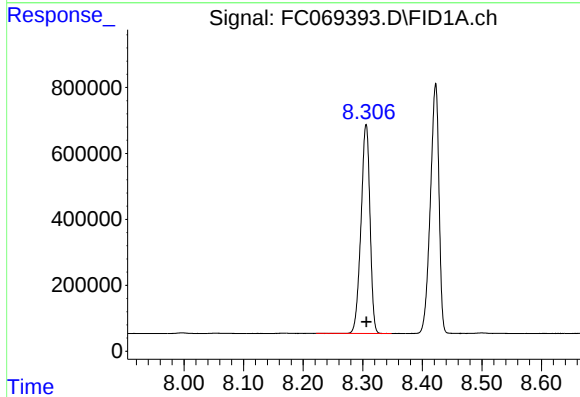
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 7333302  
Conc: 46.34 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
1MS

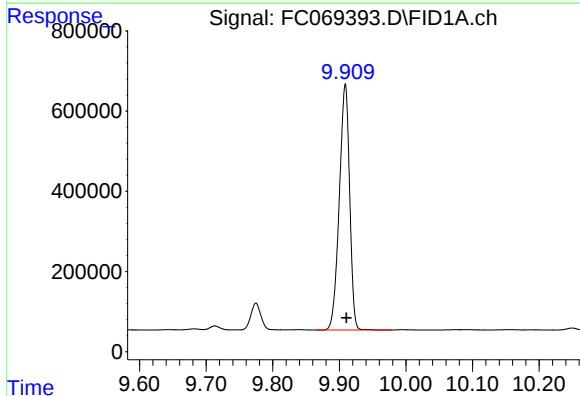
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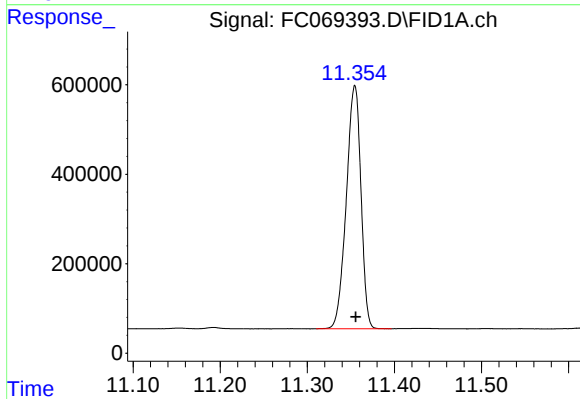
#6 n-Tetradecane (C14)

R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 6644023  
Conc: 42.86 ug/ml



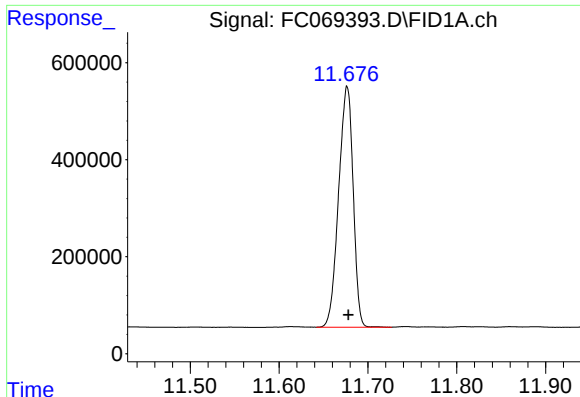
#7 n-Hexadecane (C16)

R.T.: 9.909 min  
Delta R.T.: -0.002 min  
Response: 6607450  
Conc: 40.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min  
Delta R.T.: -0.001 min  
Response: 6346770  
Conc: 38.87 ug/ml



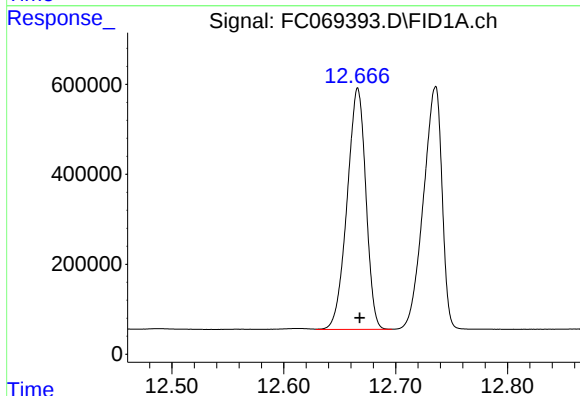
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min  
Delta R.T.: -0.001 min  
Response: 5649554  
Conc: 32.70 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
1MS

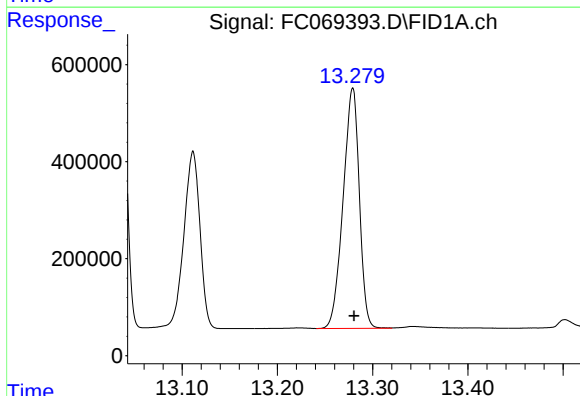
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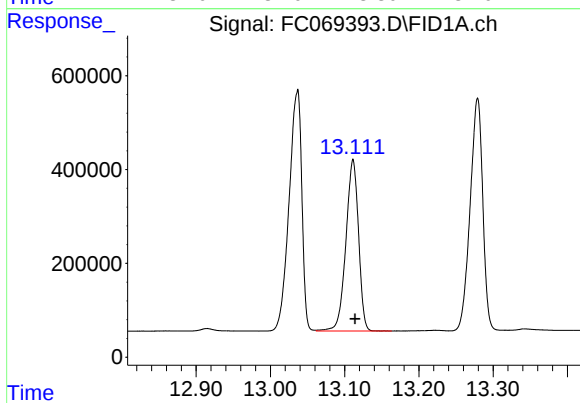
#10 n-Eicosane (C20)

R.T.: 12.666 min  
Delta R.T.: -0.002 min  
Response: 6259381  
Conc: 41.01 ug/ml



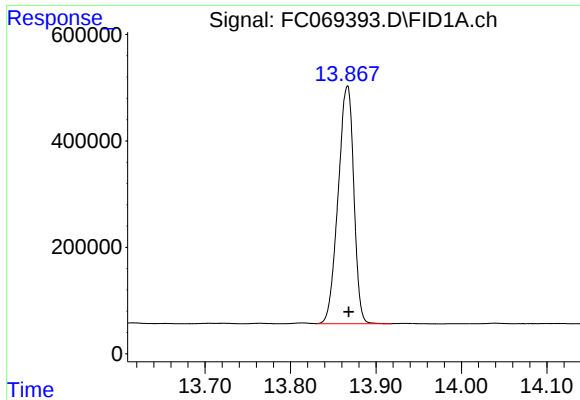
#11 n-Heneicosane (C21)

R.T.: 13.279 min  
Delta R.T.: -0.002 min  
Response: 5875766  
Conc: 39.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min  
Delta R.T.: -0.003 min  
Response: 4327509  
Conc: 33.12 ug/ml



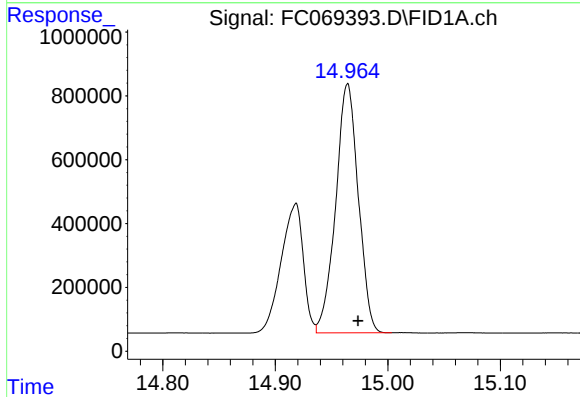
#13 n-Docosane (C22)

R.T.: 13.866 min  
Delta R.T.: -0.002 min  
Response: 5693329  
Conc: 39.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
1MS

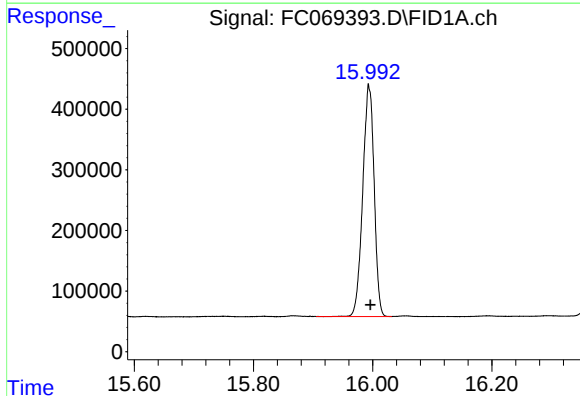
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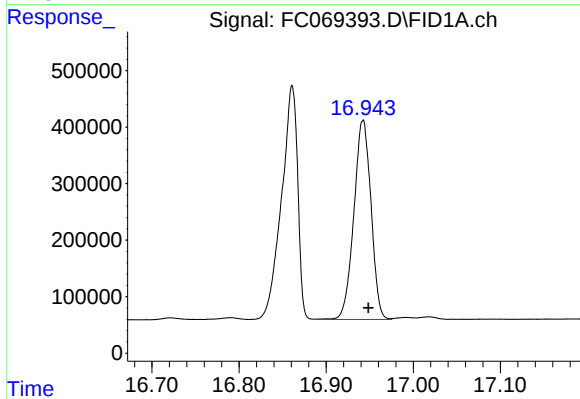
#14 n-Tetracosane (C24)

R.T.: 14.964 min  
Delta R.T.: -0.009 min  
Response: 10912472  
Conc: 79.12 ug/ml



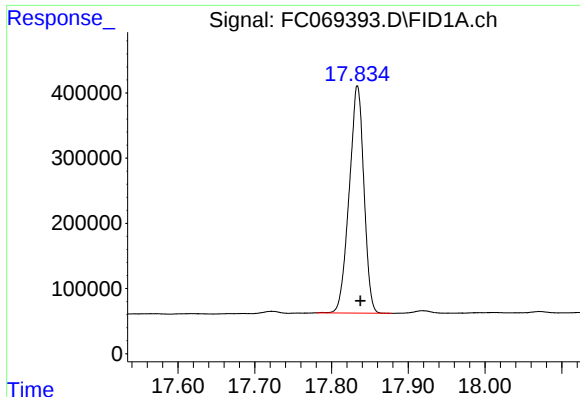
#15 n-Hexacosane (C26)

R.T.: 15.994 min  
Delta R.T.: -0.003 min  
Response: 5072944  
Conc: 38.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.942 min  
Delta R.T.: -0.006 min  
Response: 4825475  
Conc: 39.13 ug/ml



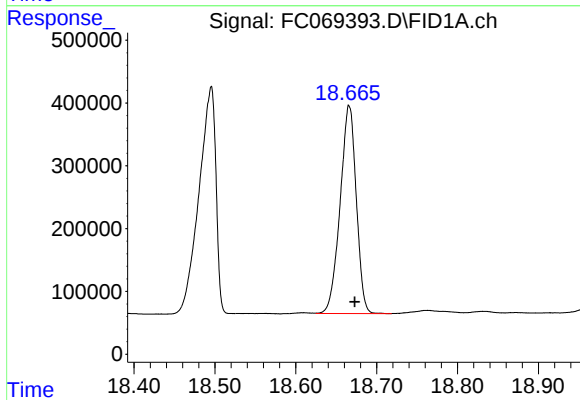
#17 n-Tricontane (C30)

R.T.: 17.834 min  
Delta R.T.: -0.004 min  
Response: 4645893  
Conc: 39.08 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
1MS

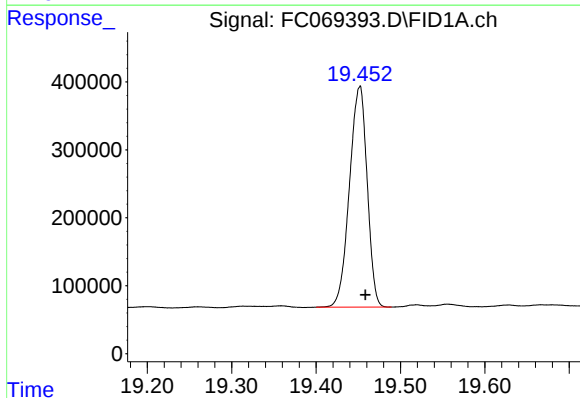
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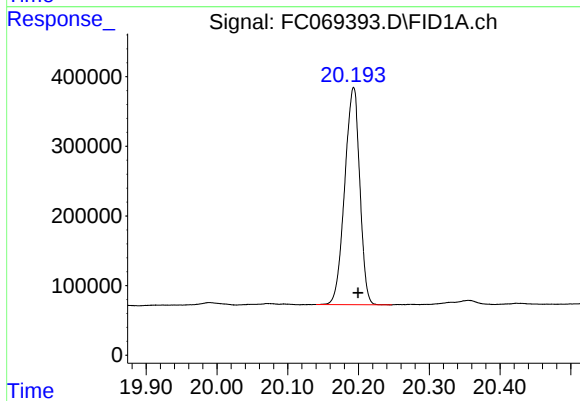
#18 n-Dotriacontane (C32)

R.T.: 18.666 min  
Delta R.T.: -0.007 min  
Response: 4598922  
Conc: 42.06 ug/ml



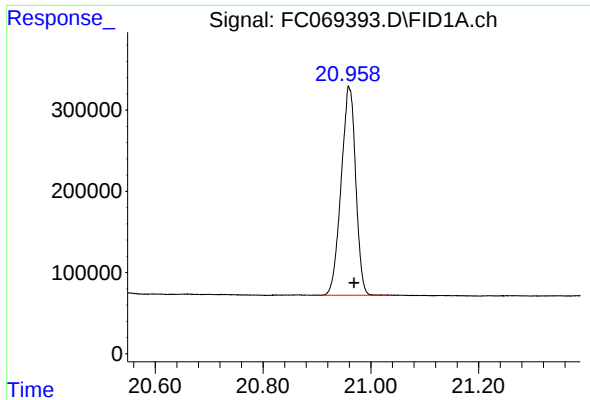
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min  
Delta R.T.: -0.007 min  
Response: 4731886  
Conc: 49.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min  
Delta R.T.: -0.007 min  
Response: 4617565  
Conc: 56.03 ug/ml



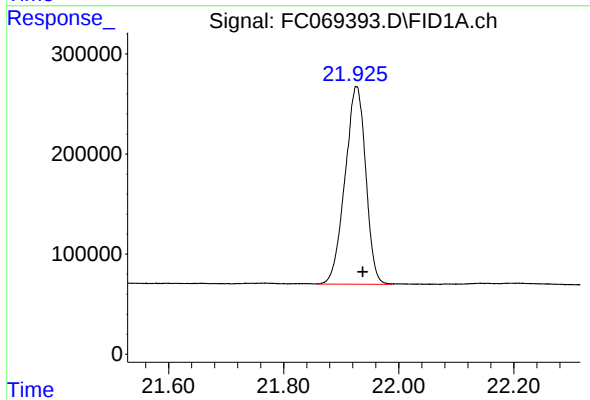
#21 n-Octatriacontane (C38)

R.T.: 20.960 min  
Delta R.T.: -0.009 min  
Response: 4813486  
Conc: 64.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.925 min  
Delta R.T.: -0.013 min  
Response: 4930686  
Conc: 69.63 ug/ml m