

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021725AL\  
 Data File : FC068277.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Feb 2025 16:07  
 Operator : YP/AJ  
 Sample : Q1374-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TR-05-02142025MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/18/2025  
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e  
 Quant Time: Feb 18 02:05:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 12 12:52:40 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)    | 11.404 | 4577278    | 29.291 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.58%        |
| 12) S 1-chlorooctadecane (S... | 12.846 | 3242449    | 28.194 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 56.39%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.209  | 4076301    | 29.768 ug/mlm |
| 2) T n-Decane (C10)            | 4.267  | 4804360    | 34.605 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.834  | 5766539    | 38.411 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.277  | 6342348    | 45.400 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.888  | 6226717    | 43.352 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.069  | 7340734    | 53.787 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.664  | 8638751    | 62.172 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.102 | 7829723    | 55.960 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.407 | 7262832    | 54.281 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.017 | 6365711    | 48.467 ug/ml  |
| 13) T n-Docosane (C22)         | 13.602 | 5777643    | 44.603 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.662 | 10665229   | 83.071 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.723 | 4873283    | 38.727 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.669 | 4919380    | 39.332 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.558 | 4901811    | 37.924 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.389 | 4835136    | 38.677 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.172 | 4762826    | 43.907 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.911 | 4484682    | 48.460 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.625 | 4427911    | 51.675 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.483 | 4499007    | 55.640 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 17 Feb 2025 16:07  
Operator : YP/AJ  
Sample : Q1374-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

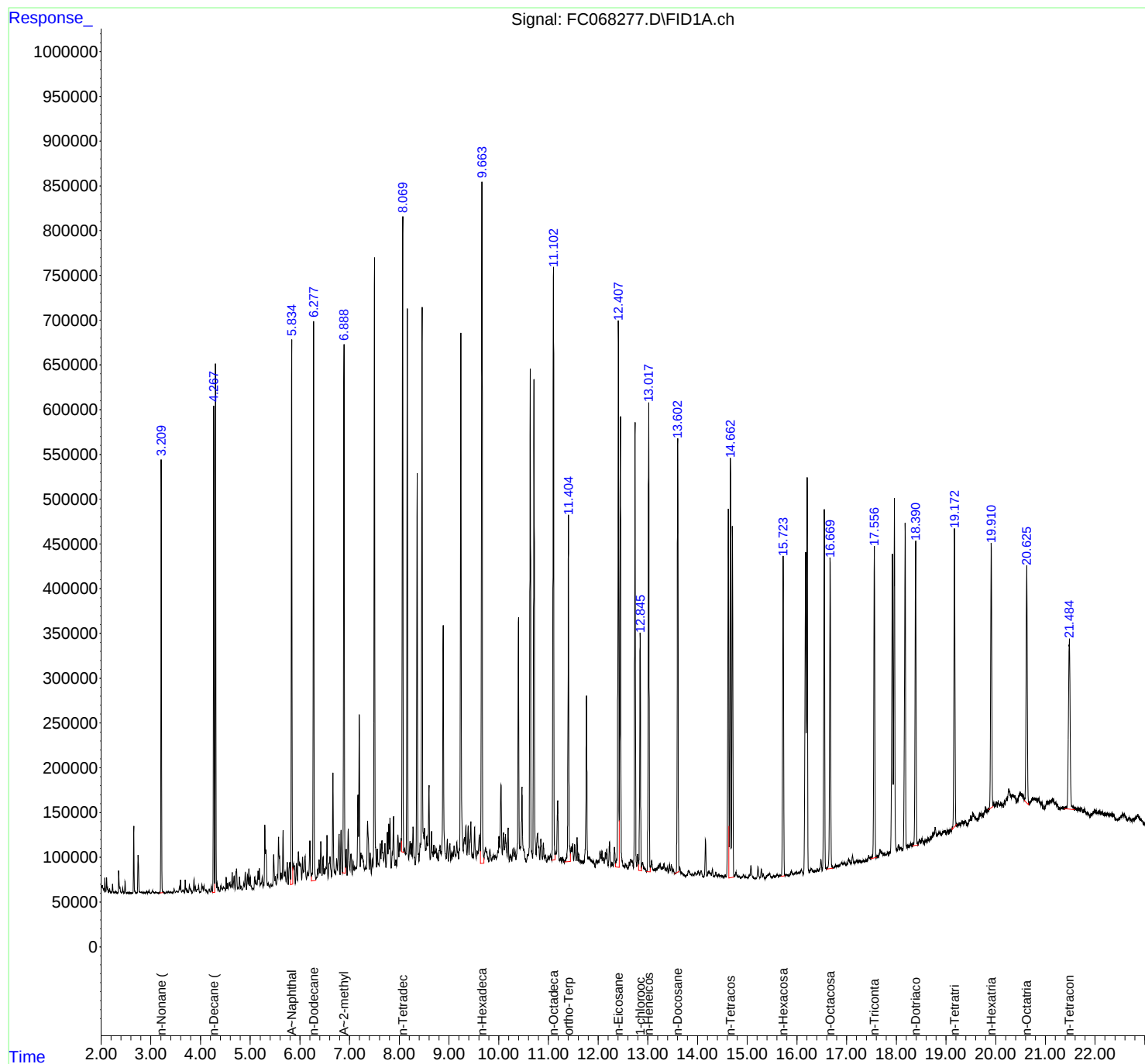
Instrument :  
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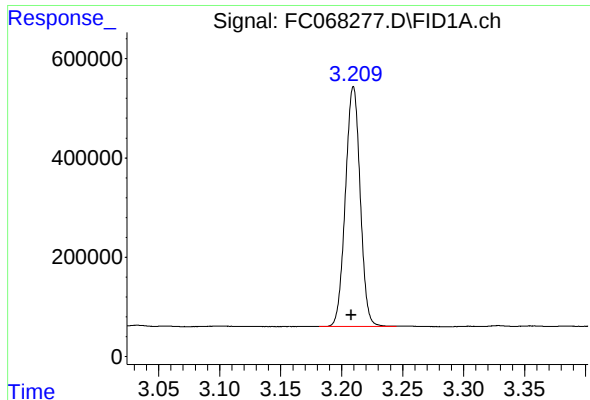
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Integration File: autoint1.e  
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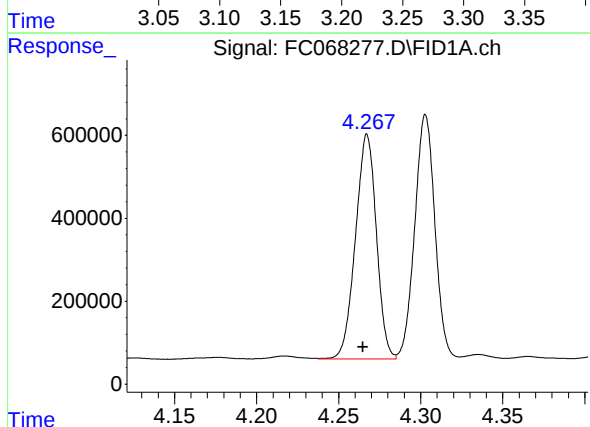
#1 n-Nonane (C9)

R.T.: 3.209 min  
Delta R.T.: 0.001 min  
Response: 4076301  
Conc: 29.77 ug/ml

Instrument :  
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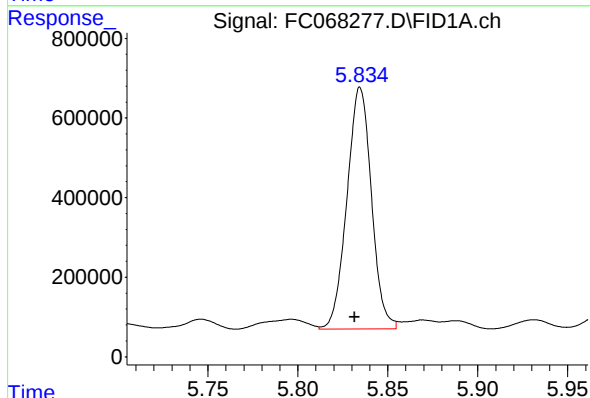
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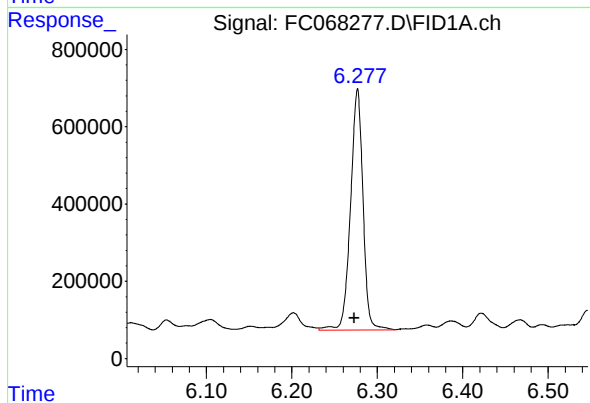
#2 n-Decane (C10)

R.T.: 4.267 min  
Delta R.T.: 0.002 min  
Response: 4804360  
Conc: 34.61 ug/ml



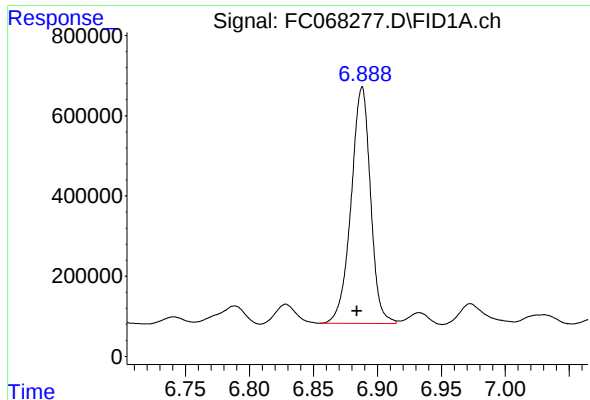
#3 A~Naphthalene (C11.7)

R.T.: 5.834 min  
Delta R.T.: 0.003 min  
Response: 5766539  
Conc: 38.41 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.277 min  
Delta R.T.: 0.004 min  
Response: 6342348  
Conc: 45.40 ug/ml



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

R.T.: 6.888 min  
Delta R.T.: 0.004 min  
Response: 6226717  
Conc: 43.35 ug/ml

Instrument :

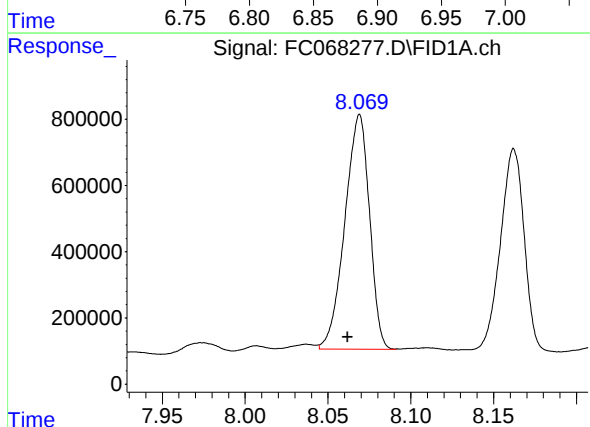
FID\_C

ClientSampleId :

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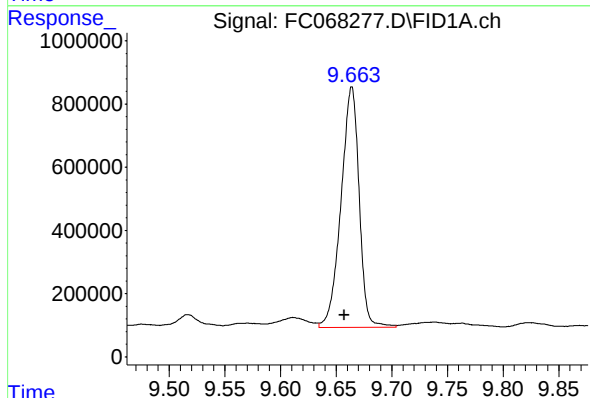
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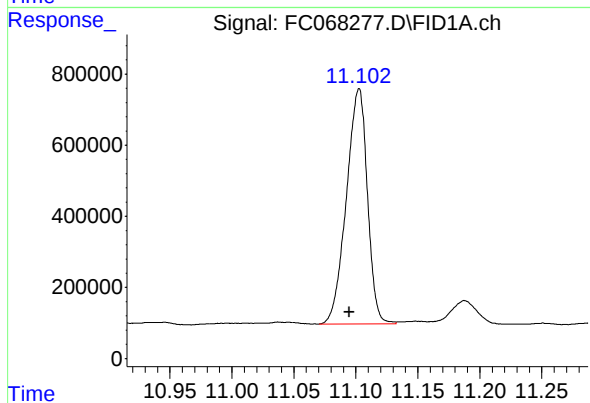
#6 n-Tetradecane (C14)

R.T.: 8.069 min  
Delta R.T.: 0.007 min  
Response: 7340734  
Conc: 53.79 ug/ml m



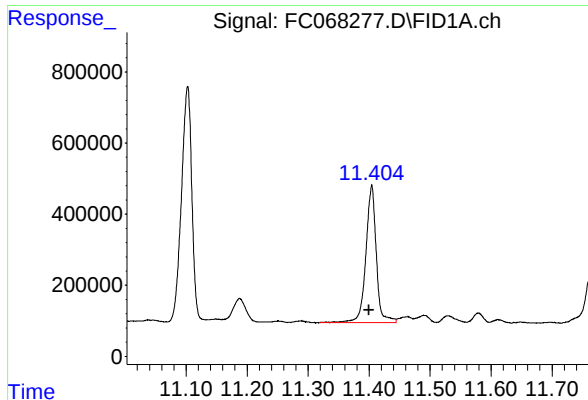
#7 n-Hexadecane (C16)

R.T.: 9.664 min  
Delta R.T.: 0.006 min  
Response: 8638751  
Conc: 62.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.102 min  
Delta R.T.: 0.008 min  
Response: 7829723  
Conc: 55.96 ug/ml m



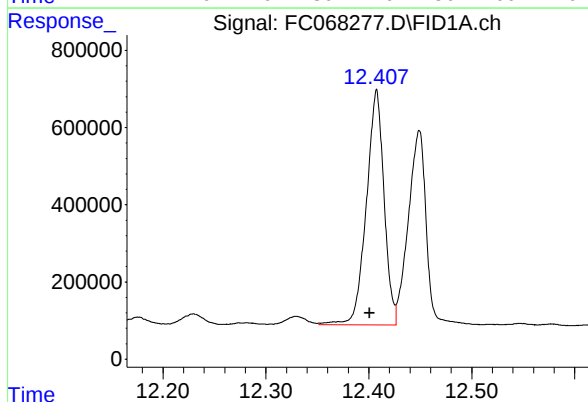
#9 ortho-Terphenyl (SURR)

R.T.: 11.404 min  
Delta R.T.: 0.004 min  
Response: 4577278  
Conc: 29.29 ug/ml

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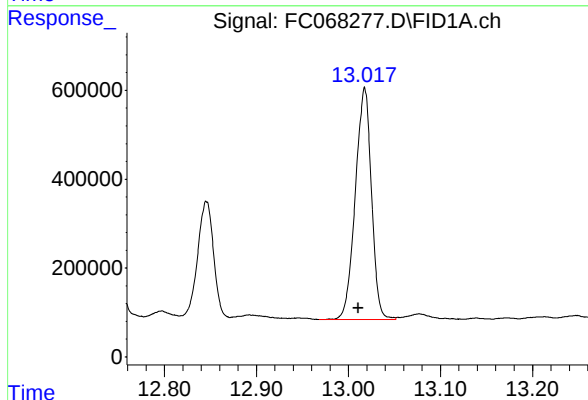
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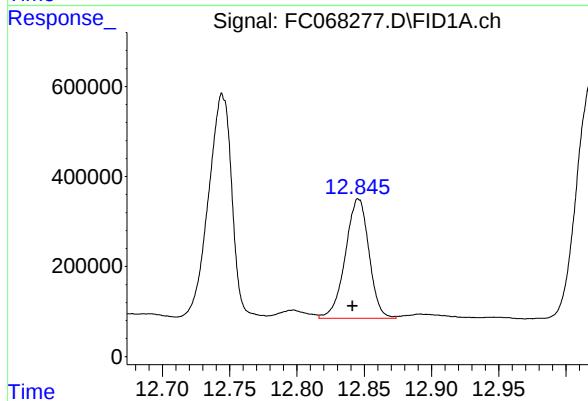
#10 n-Eicosane (C20)

R.T.: 12.407 min  
Delta R.T.: 0.007 min  
Response: 7262832  
Conc: 54.28 ug/ml



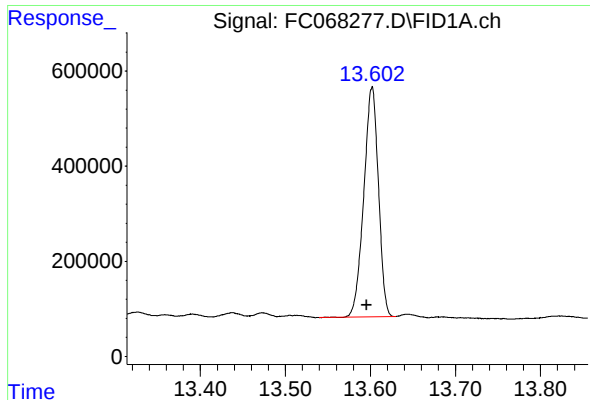
#11 n-Heneicosane (C21)

R.T.: 13.017 min  
Delta R.T.: 0.006 min  
Response: 6365711  
Conc: 48.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.846 min  
Delta R.T.: 0.004 min  
Response: 3242449  
Conc: 28.19 ug/ml



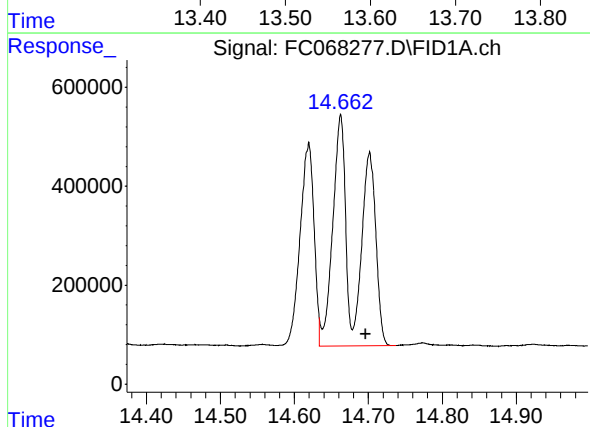
#13 n-Docosane (C22)

R.T.: 13.602 min  
Delta R.T.: 0.006 min  
Response: 5777643  
Conc: 44.60 ug/ml

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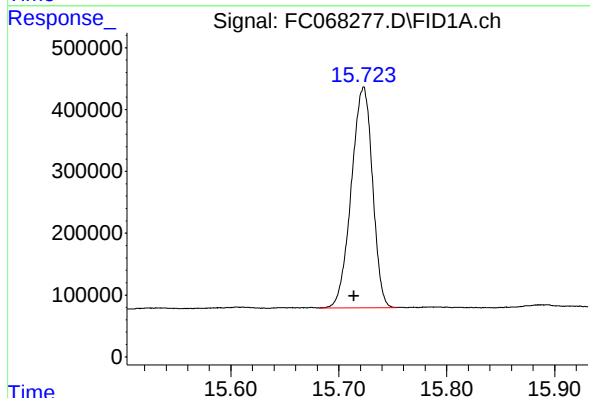
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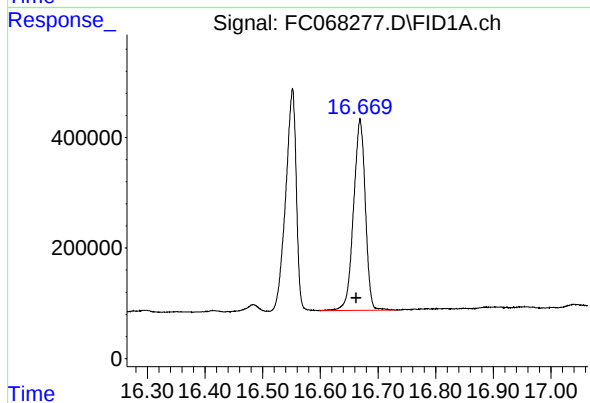
#14 n-Tetracosane (C24)

R.T.: 14.662 min  
Delta R.T.: -0.034 min  
Response: 10665229  
Conc: 83.07 ug/ml m



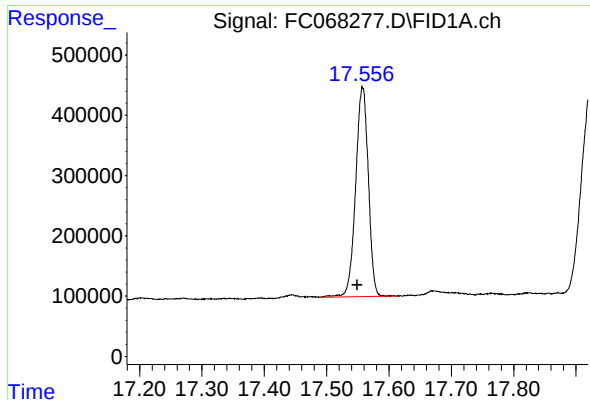
#15 n-Hexacosane (C26)

R.T.: 15.723 min  
Delta R.T.: 0.009 min  
Response: 4873283  
Conc: 38.73 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.669 min  
Delta R.T.: 0.007 min  
Response: 4919380  
Conc: 39.33 ug/ml



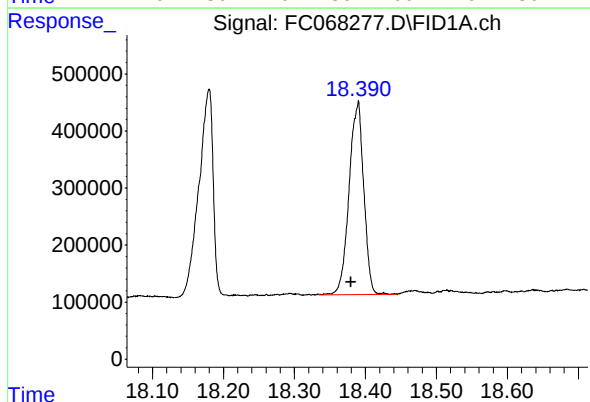
#17 n-Tricontane (C30)

R.T.: 17.558 min  
Delta R.T.: 0.009 min  
Response: 4901811  
Conc: 37.92 ug/ml

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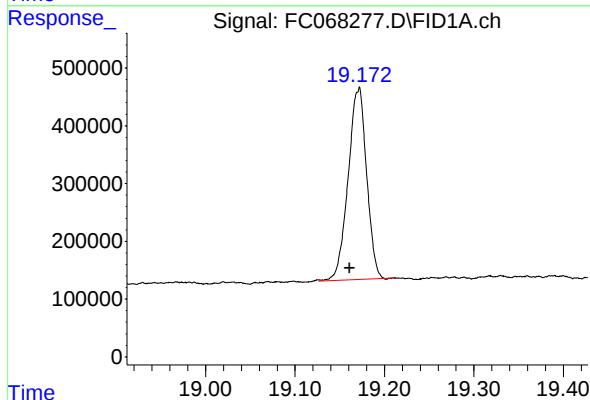
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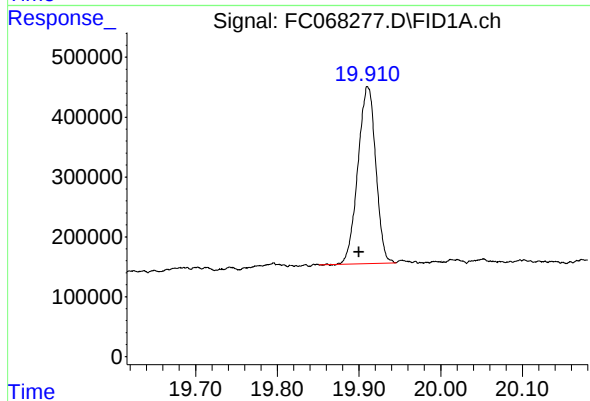
#18 n-Dotriacontane (C32)

R.T.: 18.389 min  
Delta R.T.: 0.009 min  
Response: 4835136  
Conc: 38.68 ug/ml



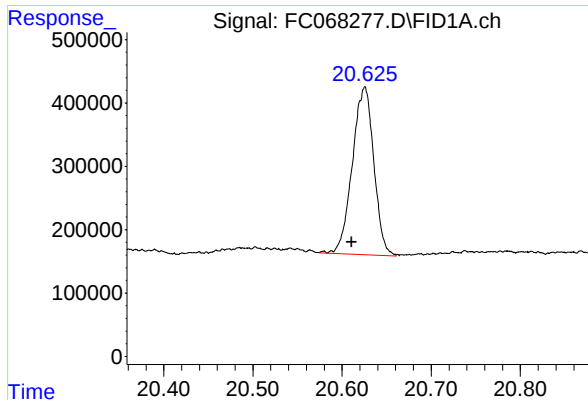
#19 n-Tetatriacontane (C34)

R.T.: 19.172 min  
Delta R.T.: 0.010 min  
Response: 4762826  
Conc: 43.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.911 min  
Delta R.T.: 0.011 min  
Response: 4484682  
Conc: 48.46 ug/ml



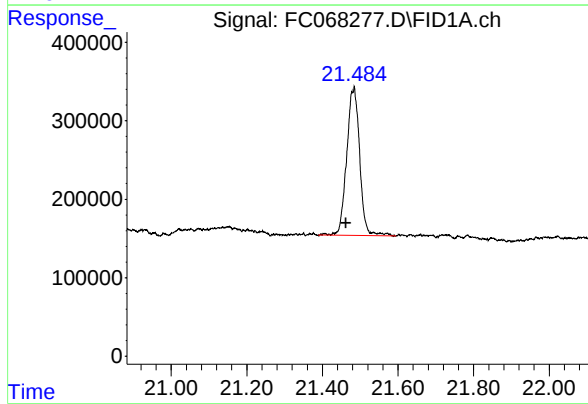
#21 n-Octatriacontane (C38)

R.T.: 20.625 min  
Delta R.T.: 0.014 min  
Response: 4427911  
Conc: 51.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.483 min  
Delta R.T.: 0.020 min  
Response: 4499007  
Conc: 55.64 ug/ml