

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060625AL\  
 Data File : FC069123.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Jun 2025 23:35  
 Operator : YP/AJ  
 Sample : PB168322BSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168322BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025  
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e  
 Quant Time: Jun 07 02:44:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 27 01:48:55 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)    | 11.680 | 5674651    | 46.007 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 92.01%        |
| 12) S 1-chlorooctadecane (S... | 13.116 | 4368938    | 48.699 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 97.40%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.414  | 5140110    | 48.435 ug/ml  |
| 2) T n-Decane (C10)            | 4.484  | 5708231    | 53.898 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.075  | 6882136    | 59.516 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.507  | 5932798    | 56.437 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.135  | 6291792    | 55.498 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.308  | 5713372    | 55.738 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.912  | 5626514    | 55.451 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.359 | 5456726    | 54.598 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.671 | 5521474    | 56.690 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.284 | 5276976    | 54.824 ug/ml  |
| 13) T n-Docosane (C22)         | 13.871 | 5214395    | 54.733 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.968 | 11077500   | 117.654 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.001 | 5109678    | 55.037 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.951 | 5108449    | 54.958 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.844 | 5101359    | 52.723 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.677 | 5123846    | 51.705 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.464 | 5328962    | 55.292 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.206 | 5231068    | 55.105 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.977 | 5297421    | 58.064 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.949 | 5094953    | 57.743 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB168322BSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

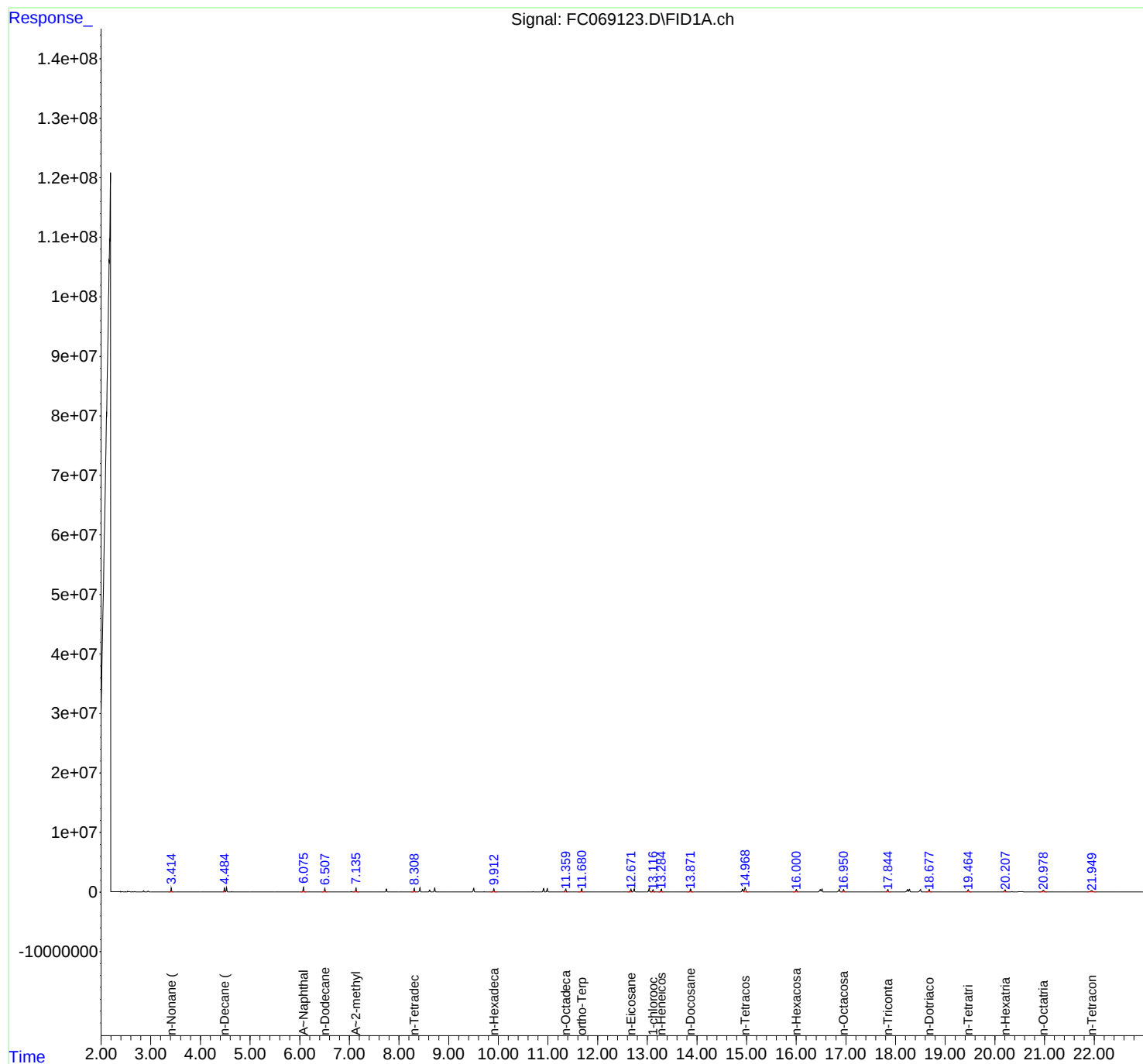
Instrument :  
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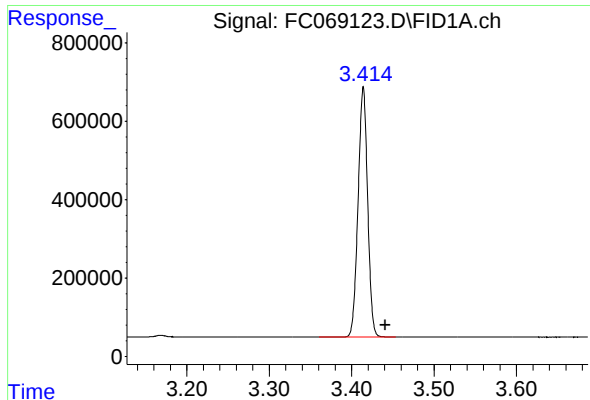
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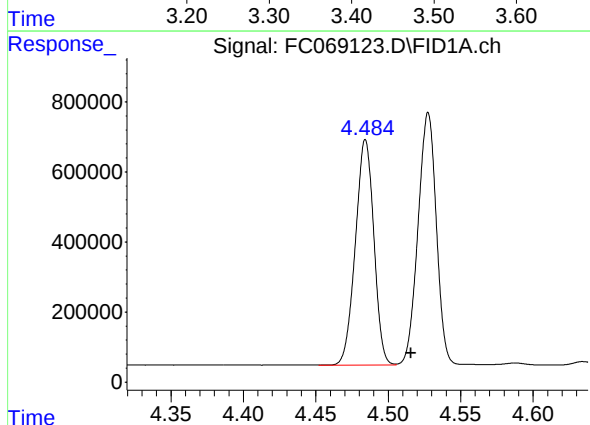
#1 n-Nonane (C9)

R.T.: 3.414 min  
Delta R.T.: -0.027 min  
Response: 5140110  
Conc: 48.44 ug/ml

Instrument :  
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ClientSampleId :  
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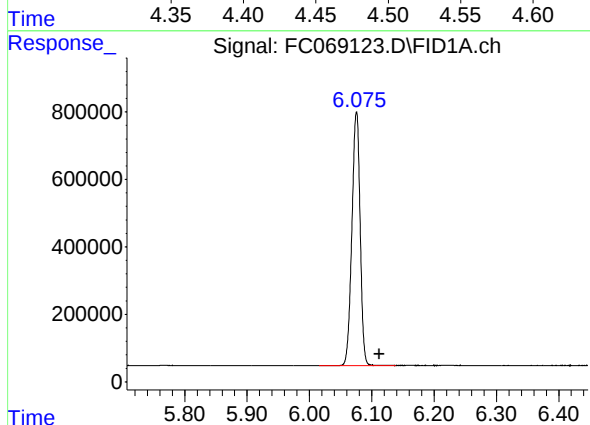
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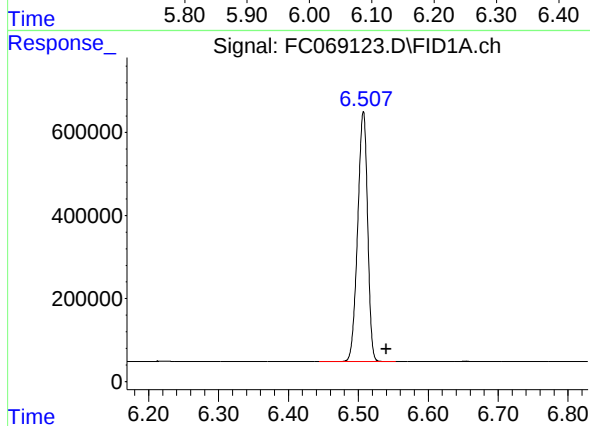
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: -0.032 min  
Response: 5708231  
Conc: 53.90 ug/ml



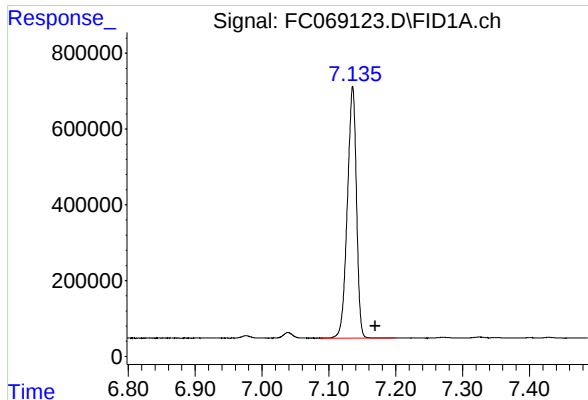
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min  
Delta R.T.: -0.037 min  
Response: 6882136  
Conc: 59.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min  
Delta R.T.: -0.033 min  
Response: 5932798  
Conc: 56.44 ug/ml



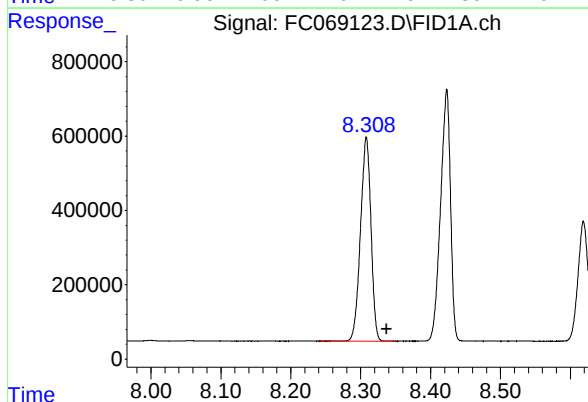
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min  
Delta R.T.: -0.034 min  
Response: 6291792  
Conc: 55.50 ug/ml

Instrument :  
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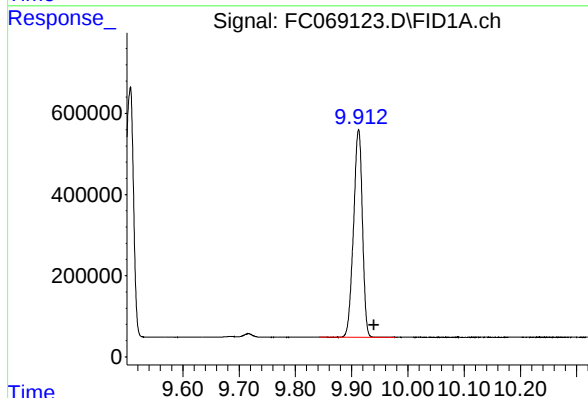
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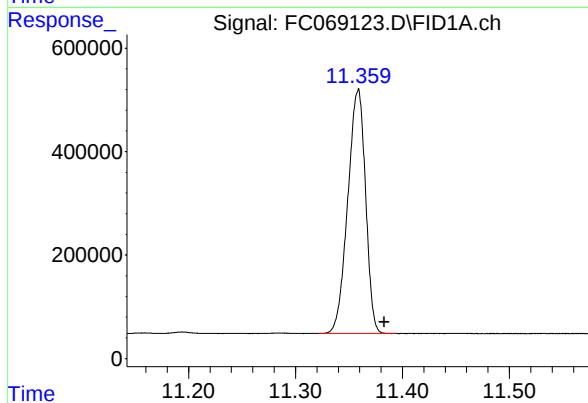
#6 n-Tetradecane (C14)

R.T.: 8.308 min  
Delta R.T.: -0.029 min  
Response: 5713372  
Conc: 55.74 ug/ml



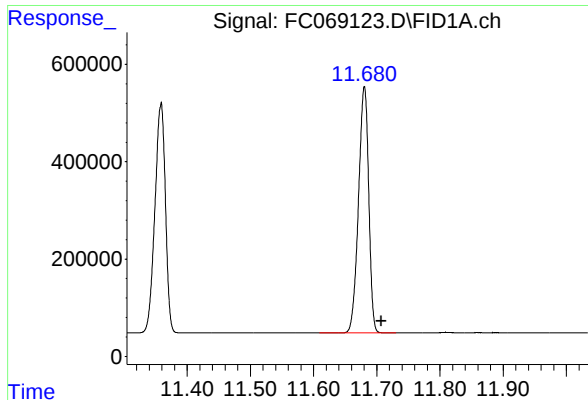
#7 n-Hexadecane (C16)

R.T.: 9.912 min  
Delta R.T.: -0.028 min  
Response: 5626514  
Conc: 55.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min  
Delta R.T.: -0.024 min  
Response: 5456726  
Conc: 54.60 ug/ml m



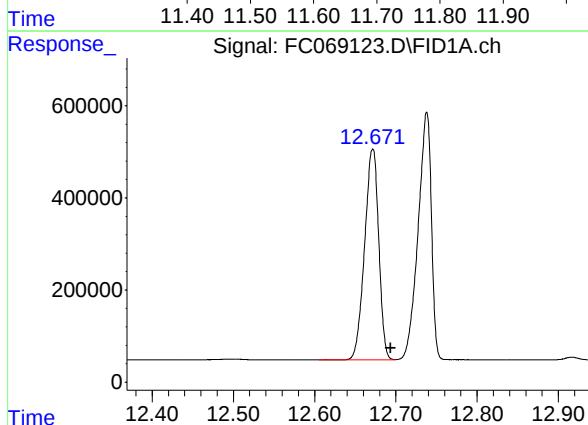
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min  
Delta R.T.: -0.027 min  
Response: 5674651  
Conc: 46.01 ug/ml

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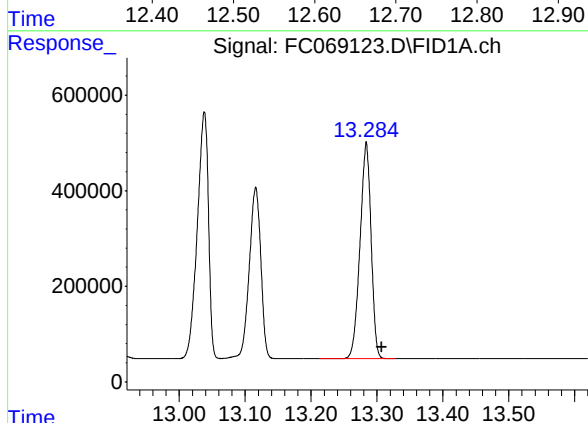
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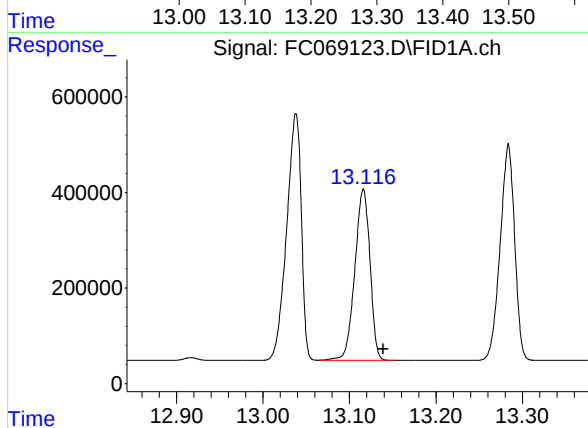
#10 n-Eicosane (C20)

R.T.: 12.671 min  
Delta R.T.: -0.022 min  
Response: 5521474  
Conc: 56.69 ug/ml



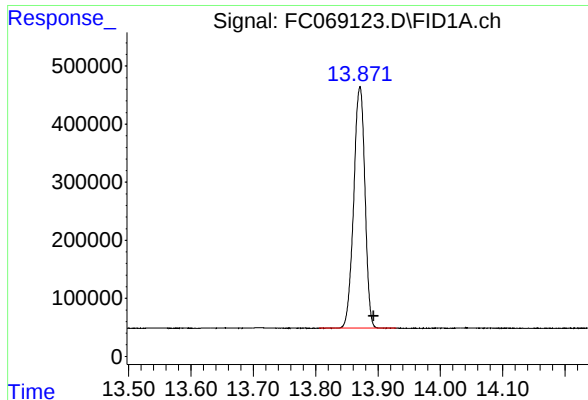
#11 n-Heneicosane (C21)

R.T.: 13.284 min  
Delta R.T.: -0.023 min  
Response: 5276976  
Conc: 54.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min  
Delta R.T.: -0.023 min  
Response: 4368938  
Conc: 48.70 ug/ml



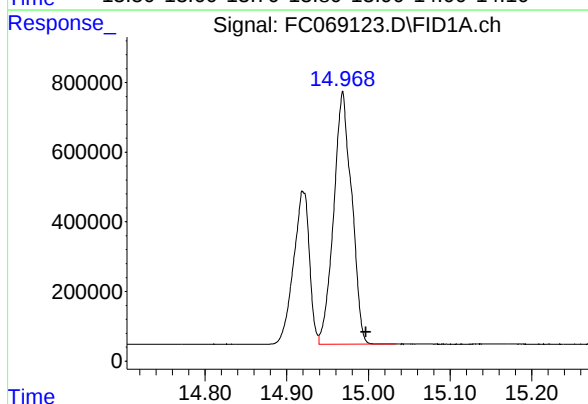
#13 n-Docosane (C22)

R.T.: 13.871 min  
Delta R.T.: -0.023 min  
Response: 5214395  
Conc: 54.73 ug/ml

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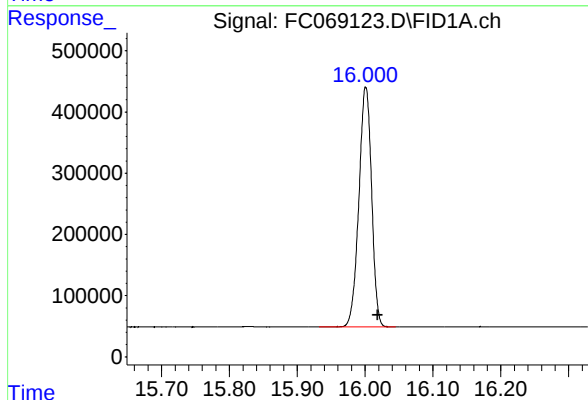
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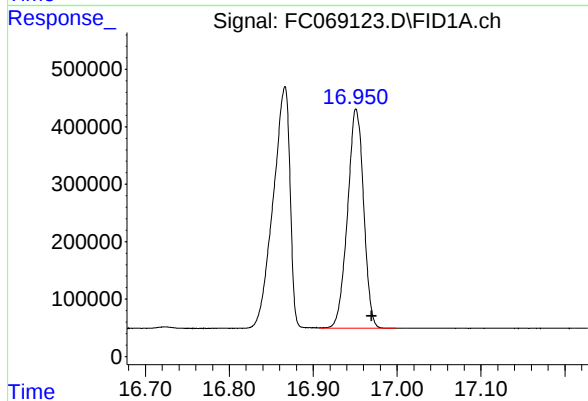
#14 n-Tetracosane (C24)

R.T.: 14.968 min  
Delta R.T.: -0.029 min  
Response: 11077500  
Conc: 117.65 ug/ml



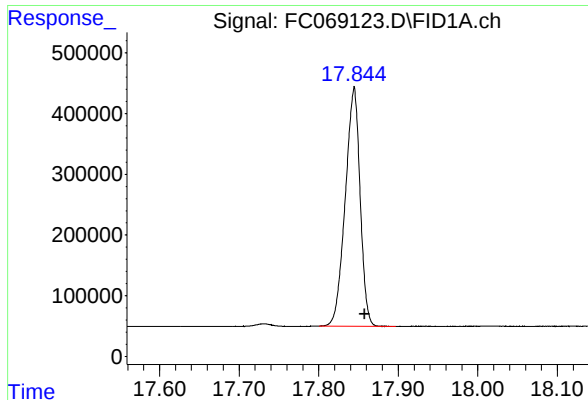
#15 n-Hexacosane (C26)

R.T.: 16.001 min  
Delta R.T.: -0.018 min  
Response: 5109678  
Conc: 55.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.951 min  
Delta R.T.: -0.018 min  
Response: 5108449  
Conc: 54.96 ug/ml



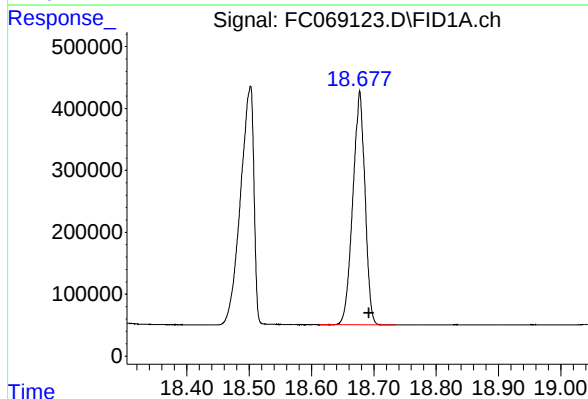
#17 n-Tricontane (C30)

R.T.: 17.844 min  
Delta R.T.: -0.014 min  
Response: 5101359  
Conc: 52.72 ug/ml

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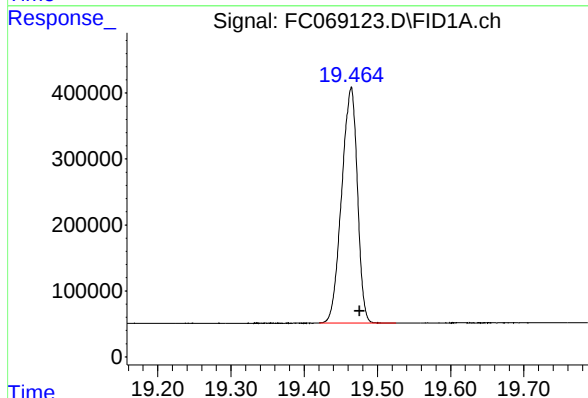
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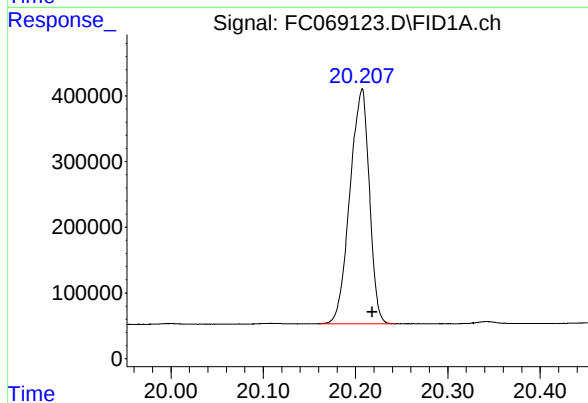
#18 n-Dotriacontane (C32)

R.T.: 18.677 min  
Delta R.T.: -0.015 min  
Response: 5123846  
Conc: 51.70 ug/ml



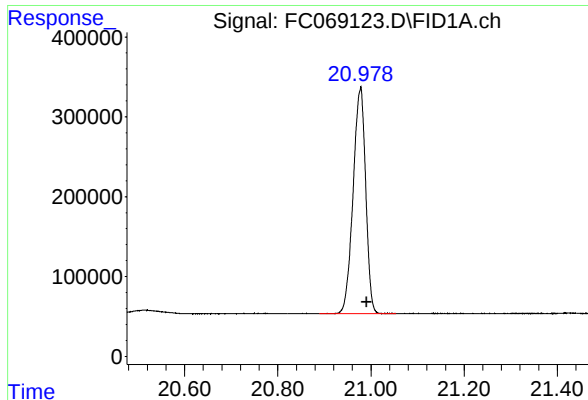
#19 n-Tetatriacontane (C34)

R.T.: 19.464 min  
Delta R.T.: -0.012 min  
Response: 5328962  
Conc: 55.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min  
Delta R.T.: -0.011 min  
Response: 5231068  
Conc: 55.10 ug/ml



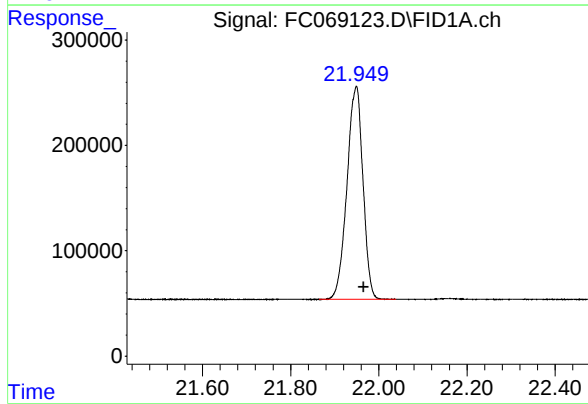
#21 n-Octatriacontane (C38)

R.T.: 20.977 min  
Delta R.T.: -0.014 min  
Response: 5297421  
Conc: 58.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.949 min  
Delta R.T.: -0.016 min  
Response: 5094953  
Conc: 57.74 ug/ml m