

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060625AL\  
 Data File : FC069112.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Jun 2025 14:05  
 Operator : YP/AJ  
 Sample : PB168308BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

PB168308BS

**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 02:41:01 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 | 4947310    | 40.110 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.22%        |
| 12) S 1-chlorooctadecane (S... | 13.116 | 3825681    | 42.643 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 85.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.411  | 4733503    | 44.604 ug/ml  |
| 2) T n-Decane (C10)            | 4.482  | 5034650    | 47.538 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.075  | 5952635    | 51.478 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.506  | 5151565    | 49.006 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.135  | 5487338    | 48.402 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.308  | 5063108    | 49.395 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.912  | 5007601    | 49.352 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.358 | 4827947    | 48.306 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.671 | 4926200    | 50.578 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.283 | 4715629    | 48.992 ug/ml  |
| 13) T n-Docosane (C22)         | 13.870 | 4663213    | 48.948 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.967 | 9908378    | 105.237 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.002 | 4576873    | 49.298 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.951 | 4577244    | 49.243 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.843 | 4569864    | 47.230 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.675 | 4592803    | 46.346 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.462 | 4784002    | 49.637 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.204 | 4700444    | 49.515 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.975 | 4781382    | 52.407 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.945 | 4634336    | 52.523 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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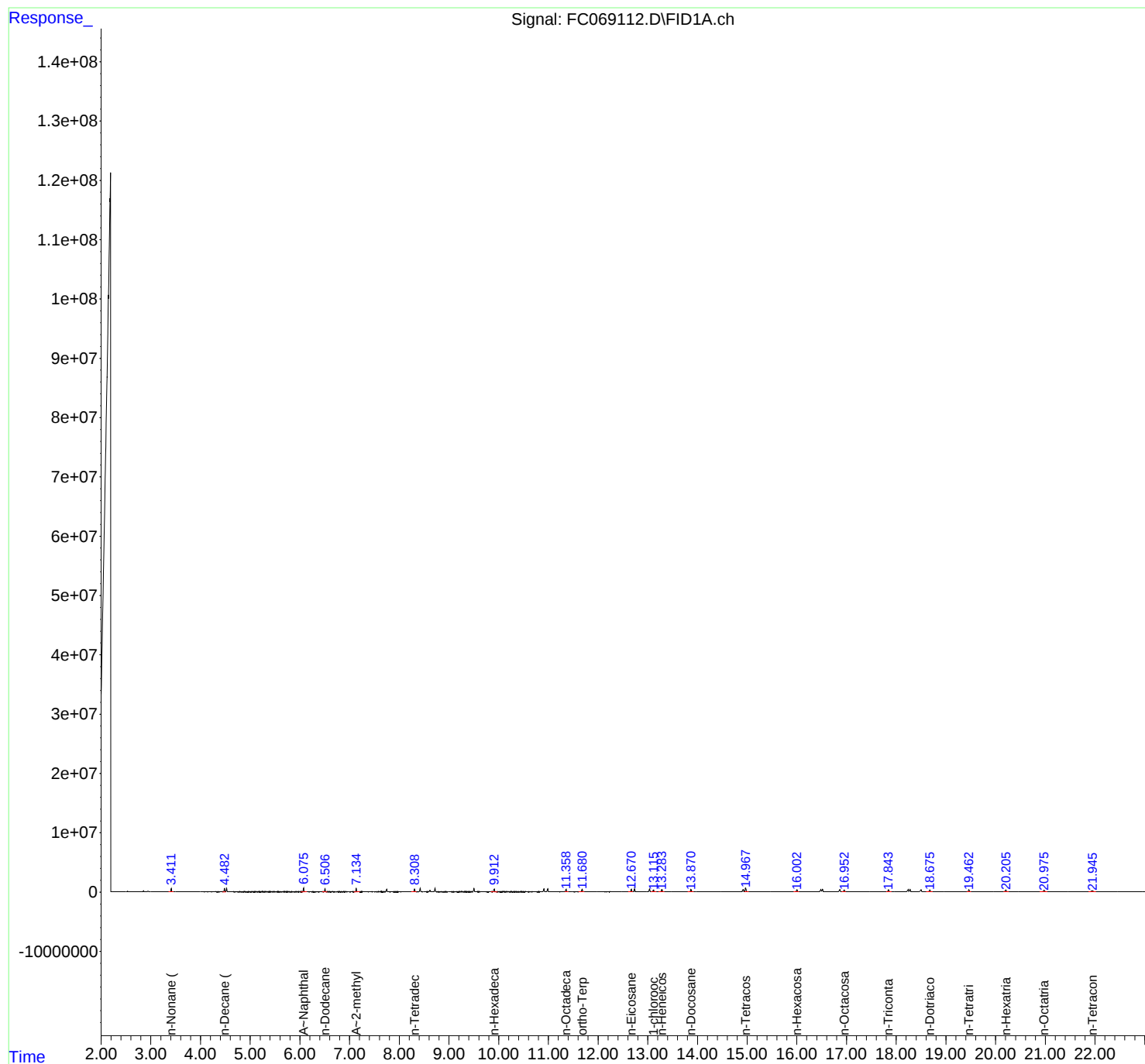
Response via : Initial Calibration

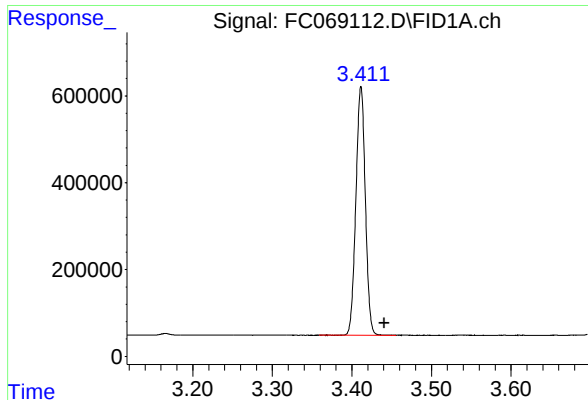
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.411 min  
Delta R.T.: -0.030 min  
Response: 4733503  
Conc: 44.60 ug/ml

Instrument :

FID\_C

ClientSampleId :

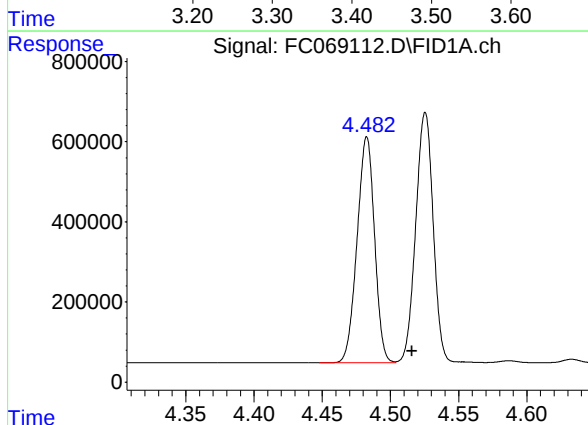
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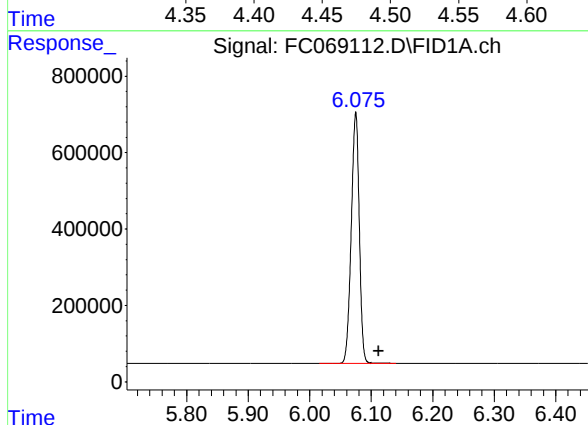
Reviewed By :Yogesh Patel 06/09/2025

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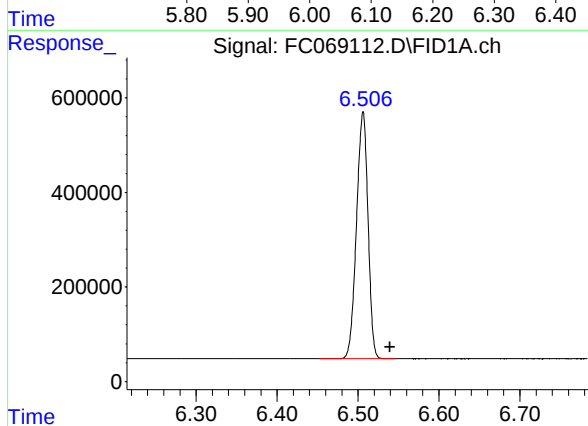
#2 n-Decane (C10)

R.T.: 4.482 min  
Delta R.T.: -0.033 min  
Response: 5034650  
Conc: 47.54 ug/ml



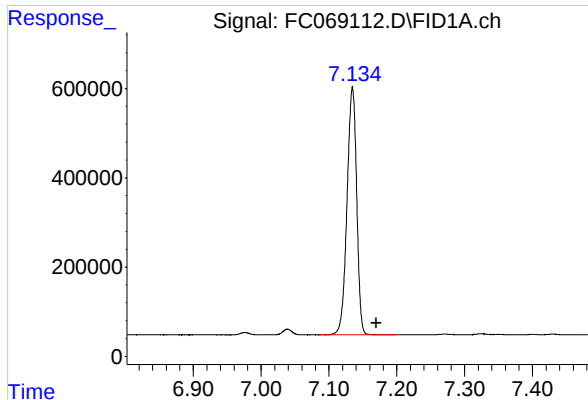
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min  
Delta R.T.: -0.037 min  
Response: 5952635  
Conc: 51.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min  
Delta R.T.: -0.034 min  
Response: 5151565  
Conc: 49.01 ug/ml



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

R.T.: 7.135 min  
Delta R.T.: -0.035 min  
Response: 5487338  
Conc: 48.40 ug/ml

Instrument :

FID\_C

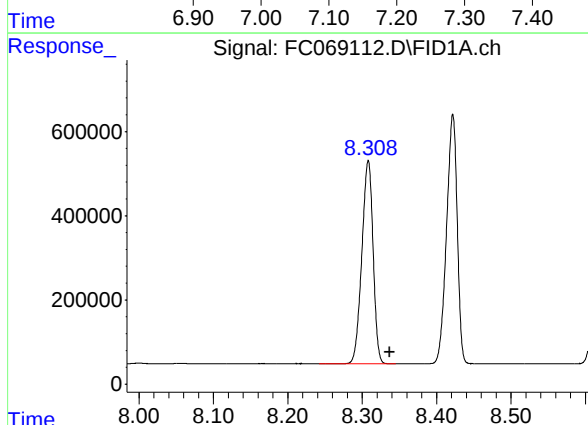
ClientSampleId :

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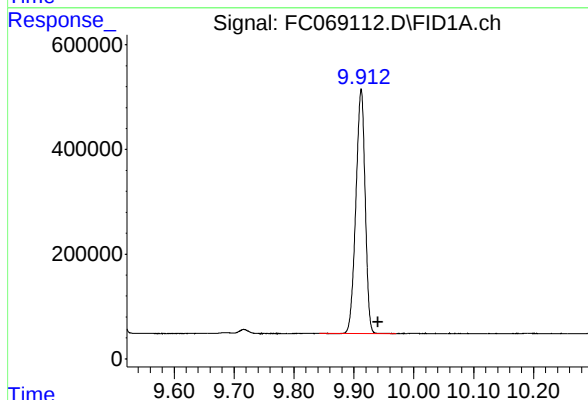
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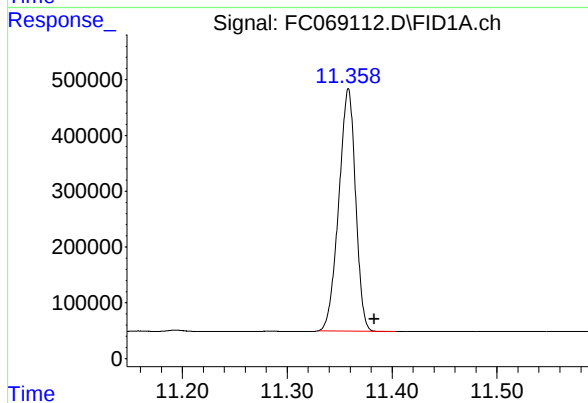
#6 n-Tetradecane (C14)

R.T.: 8.308 min  
Delta R.T.: -0.029 min  
Response: 5063108  
Conc: 49.39 ug/ml



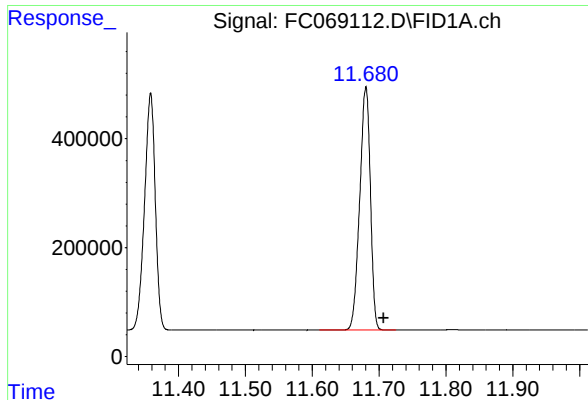
#7 n-Hexadecane (C16)

R.T.: 9.912 min  
Delta R.T.: -0.028 min  
Response: 5007601  
Conc: 49.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min  
Delta R.T.: -0.025 min  
Response: 4827947  
Conc: 48.31 ug/ml



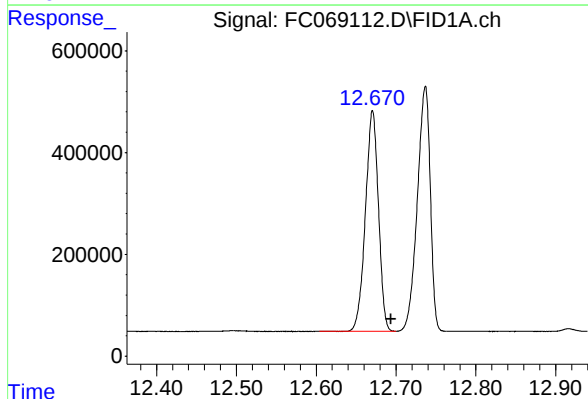
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min  
Delta R.T.: -0.027 min  
Response: 4947310  
Conc: 40.11 ug/ml

Instrument :  
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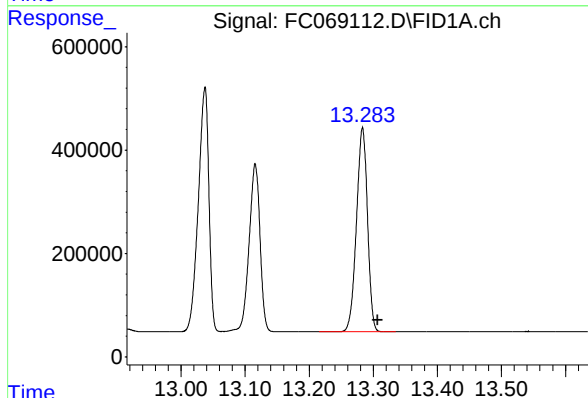
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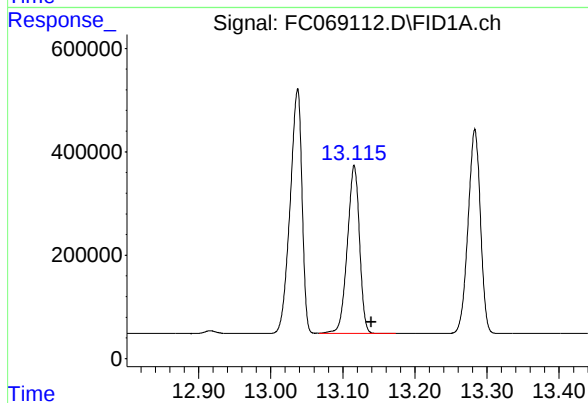
#10 n-Eicosane (C20)

R.T.: 12.671 min  
Delta R.T.: -0.023 min  
Response: 4926200  
Conc: 50.58 ug/ml



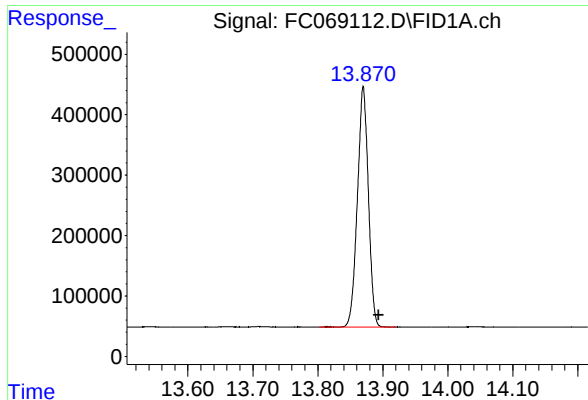
#11 n-Heneicosane (C21)

R.T.: 13.283 min  
Delta R.T.: -0.024 min  
Response: 4715629  
Conc: 48.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min  
Delta R.T.: -0.024 min  
Response: 3825681  
Conc: 42.64 ug/ml



#13 n-Docosane (C22)

R.T.: 13.870 min  
Delta R.T.: -0.023 min  
Response: 4663213  
Conc: 48.95 ug/ml

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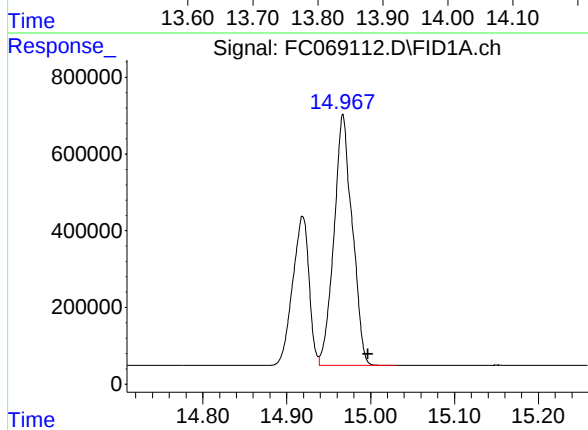
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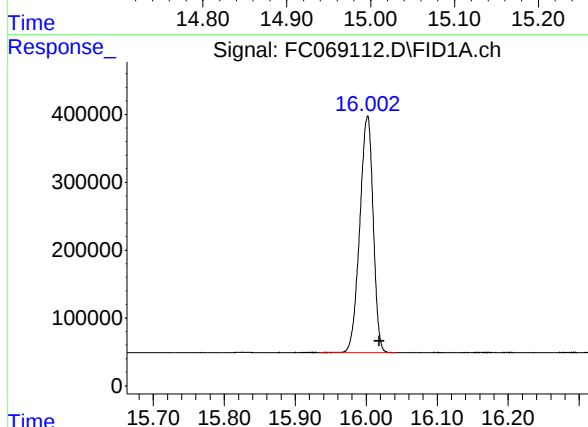
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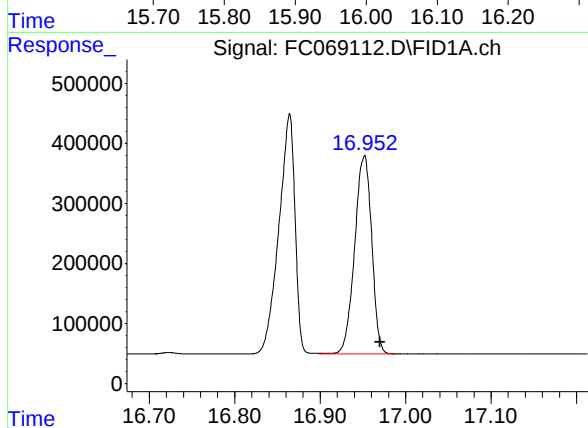
#14 n-Tetracosane (C24)

R.T.: 14.967 min  
Delta R.T.: -0.030 min  
Response: 9908378  
Conc: 105.24 ug/ml



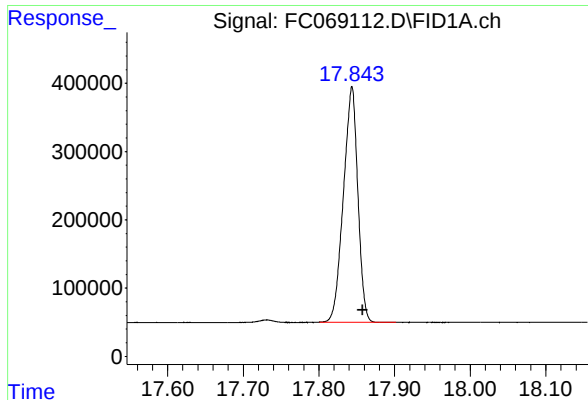
#15 n-Hexacosane (C26)

R.T.: 16.002 min  
Delta R.T.: -0.017 min  
Response: 4576873  
Conc: 49.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.951 min  
Delta R.T.: -0.018 min  
Response: 4577244  
Conc: 49.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.843 min  
Delta R.T.: -0.014 min  
Response: 4569864  
Conc: 47.23 ug/ml

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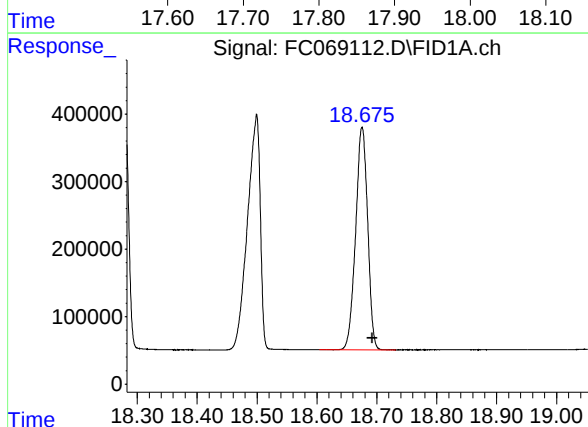
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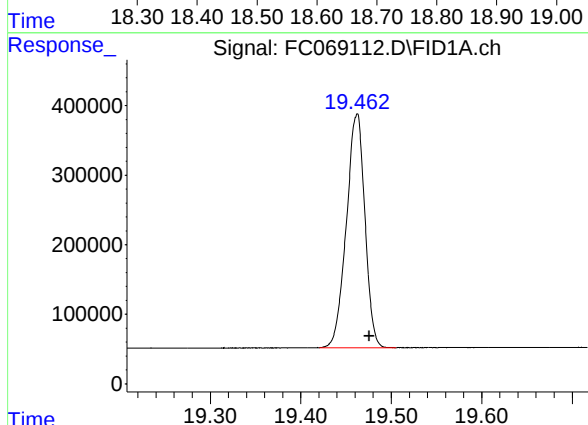
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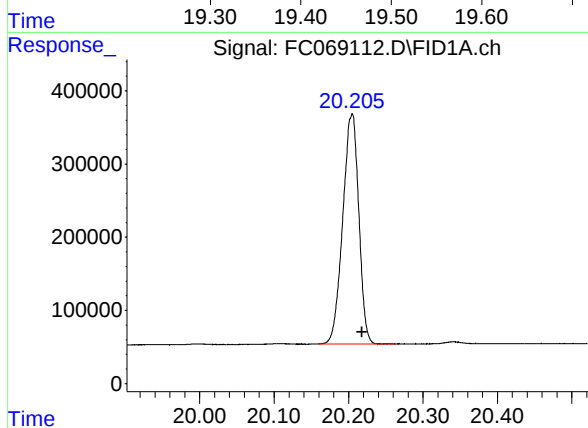
#18 n-Dotriacontane (C32)

R.T.: 18.675 min  
Delta R.T.: -0.017 min  
Response: 4592803  
Conc: 46.35 ug/ml



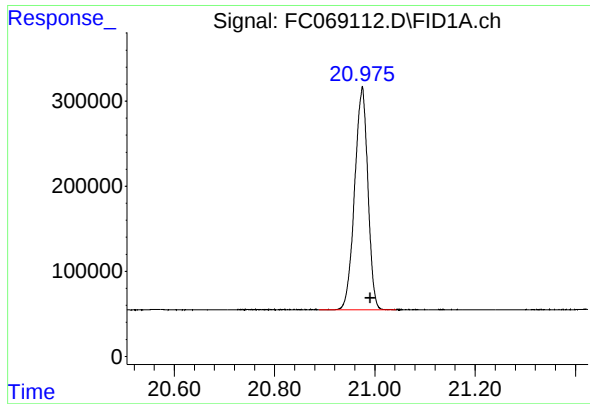
#19 n-Tetratriacontane (C34)

R.T.: 19.462 min  
Delta R.T.: -0.014 min  
Response: 4784002  
Conc: 49.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.204 min  
Delta R.T.: -0.014 min  
Response: 4700444  
Conc: 49.51 ug/ml



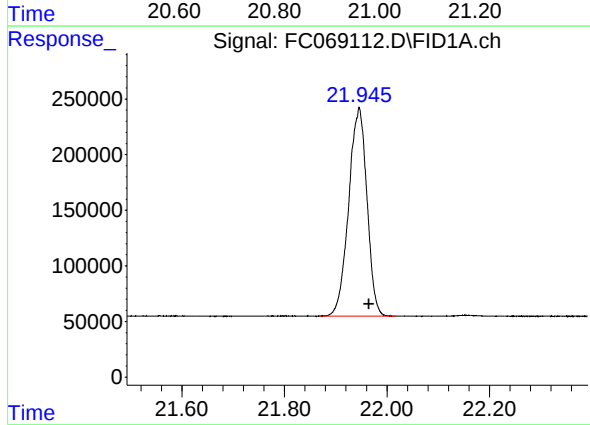
#21 n-Octatriacontane (C38)

R.T.: 20.975 min  
Delta R.T.: -0.016 min  
Response: 4781382  
Conc: 52.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.945 min  
Delta R.T.: -0.020 min  
Response: 4634336  
Conc: 52.52 ug/ml m