

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041125AL\  
 Data File : FC068555.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Apr 2025 16:38  
 Operator : YP/AJ  
 Sample : Q1760-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

TP-15MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File: autoint1.e

Quant Time: Apr 11 03:44:08 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 17:31:27 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)    | 11.712 | 4353309    | 34.187 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.37%        |
| 12) S 1-chlorooctadecane (S... | 13.145 | 3356650    | 36.134 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 72.27%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.448  | 5513935    | 52.353 ug/mlm |
| 2) T n-Decane (C10)            | 4.526  | 8375330    | 79.493 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.120  | 7136796    | 61.281 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.547  | 5625715    | 53.495 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.178  | 7506539    | 64.993 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.344  | 4909721    | 47.758 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.946  | 5168557    | 50.751 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.389 | 5120889    | 50.887 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.701 | 5262576    | 53.503 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.313 | 5006568    | 51.372 ug/ml  |
| 13) T n-Docosane (C22)         | 13.900 | 4977039    | 51.525 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.998 | 10400888   | 109.271 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.028 | 4914199    | 52.612 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.978 | 4954998    | 54.119 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.867 | 4952945    | 53.876 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.700 | 4893836    | 53.351 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.486 | 4915804    | 55.024 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.227 | 4678225    | 52.225 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.004 | 4687943    | 53.024 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.981 | 4523781    | 51.228 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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Operator : YP/AJ  
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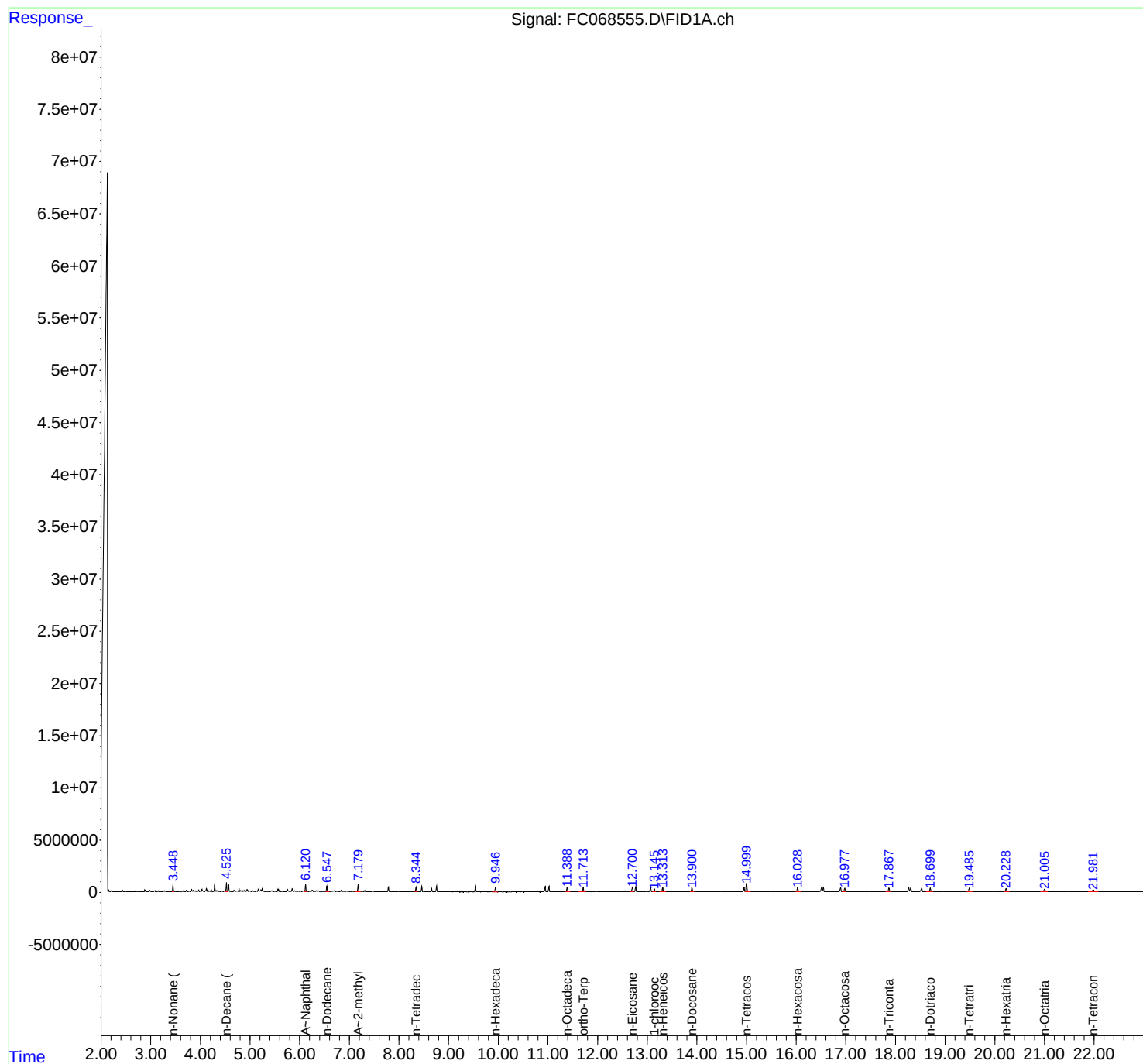
Instrument :  
FID\_C  
ClientSampleId :  
TP-15MS

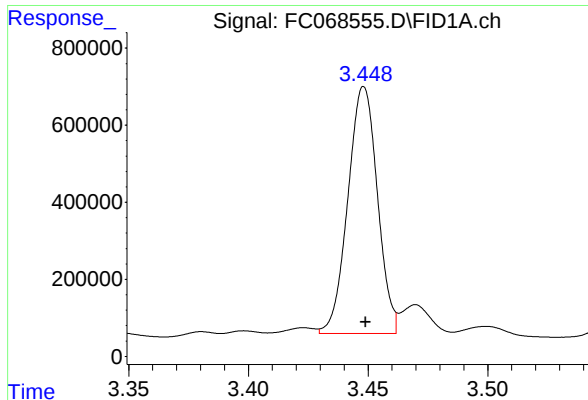
Manual Integrations  
APPROVED

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Supervised By :mohammad ahmed 04/14/2025

Integration File: autoint1.e  
Quant Time: Apr 11 03:44:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





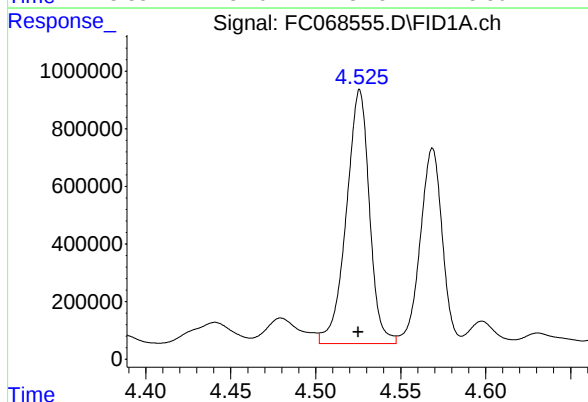
#1 n-Nonane (C9)

R.T.: 3.448 min  
Delta R.T.: -0.001 min  
Response: 5513935  
Conc: 52.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
TP-15MS

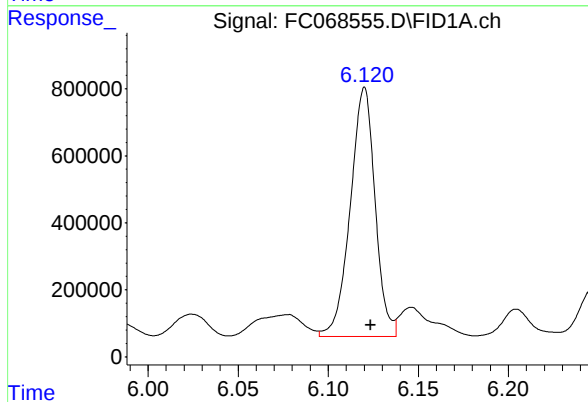
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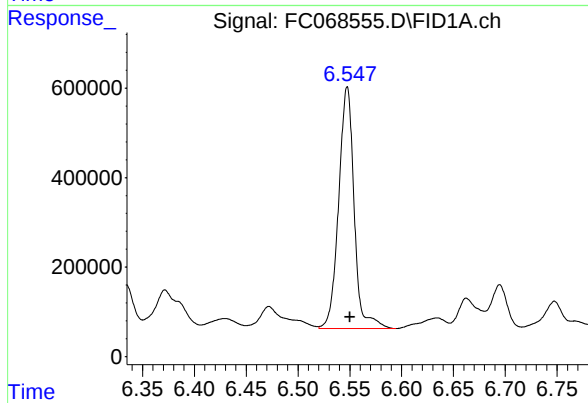
#2 n-Decane (C10)

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 8375330  
Conc: 79.49 ug/ml



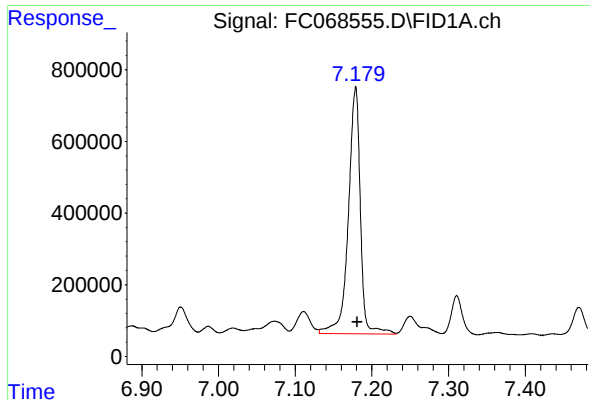
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min  
Delta R.T.: -0.004 min  
Response: 7136796  
Conc: 61.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.547 min  
Delta R.T.: -0.003 min  
Response: 5625715  
Conc: 53.50 ug/ml



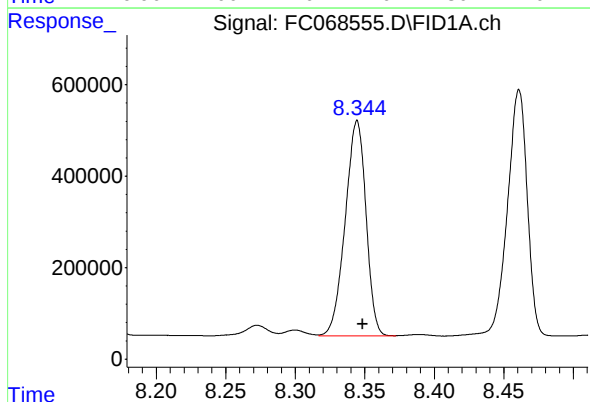
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.178 min  
Delta R.T.: -0.003 min  
Response: 7506539  
Conc: 64.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
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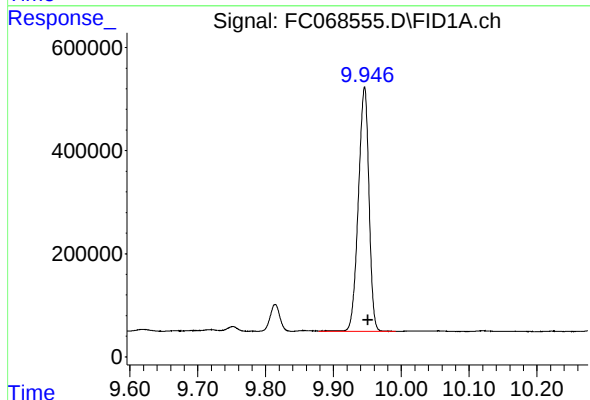
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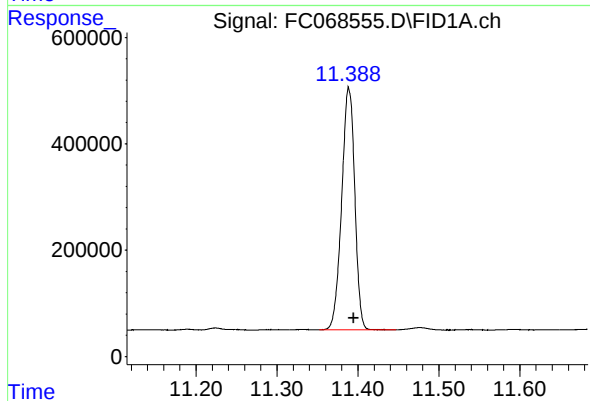
#6 n-Tetradecane (C14)

R.T.: 8.344 min  
Delta R.T.: -0.004 min  
Response: 4909721  
Conc: 47.76 ug/ml



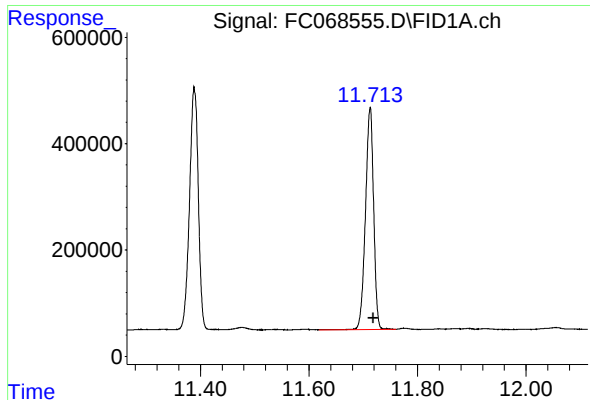
#7 n-Hexadecane (C16)

R.T.: 9.946 min  
Delta R.T.: -0.005 min  
Response: 5168557  
Conc: 50.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.389 min  
Delta R.T.: -0.006 min  
Response: 5120889  
Conc: 50.89 ug/ml



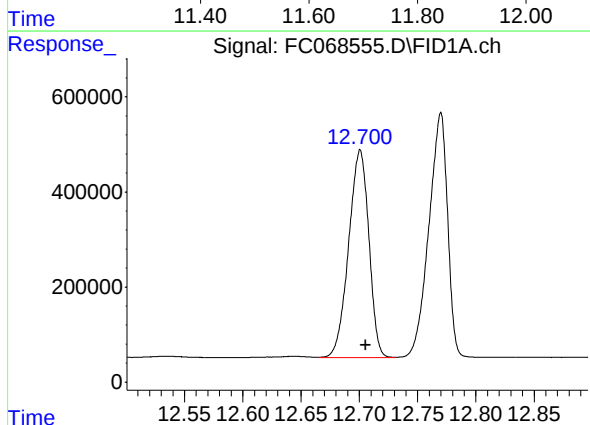
#9 ortho-Terphenyl (SURR)

R.T.: 11.712 min  
Delta R.T.: -0.006 min  
Response: 4353309  
Conc: 34.19 ug/ml

Instrument :  
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ClientSampleId :  
TP-15MS

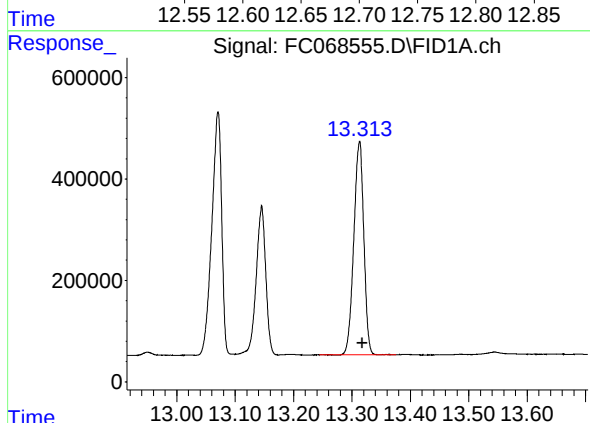
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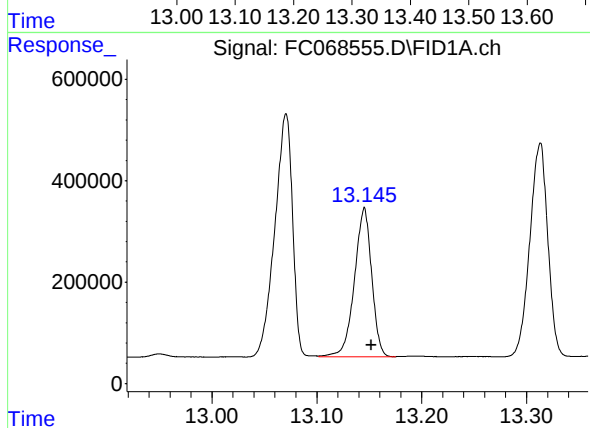
#10 n-Eicosane (C20)

R.T.: 12.701 min  
Delta R.T.: -0.005 min  
Response: 5262576  
Conc: 53.50 ug/ml



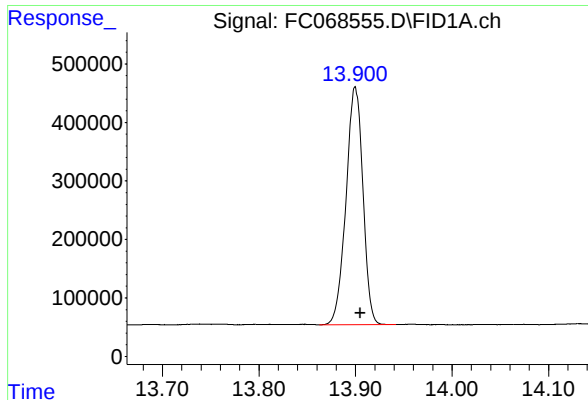
#11 n-Heneicosane (C21)

R.T.: 13.313 min  
Delta R.T.: -0.005 min  
Response: 5006568  
Conc: 51.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min  
Delta R.T.: -0.007 min  
Response: 3356650  
Conc: 36.13 ug/ml



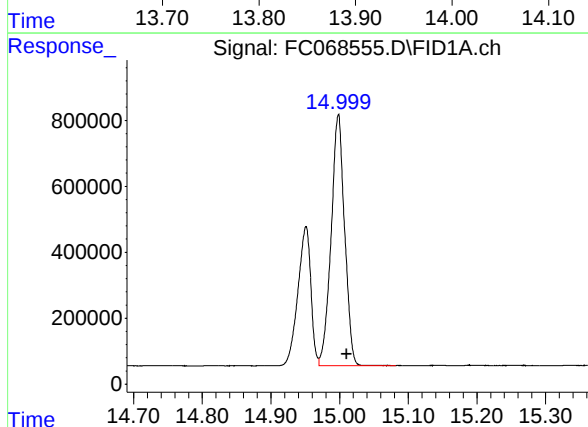
#13 n-Docosane (C22)

R.T.: 13.900 min  
Delta R.T.: -0.005 min  
Response: 4977039  
Conc: 51.52 ug/ml

Instrument :  
FID\_C  
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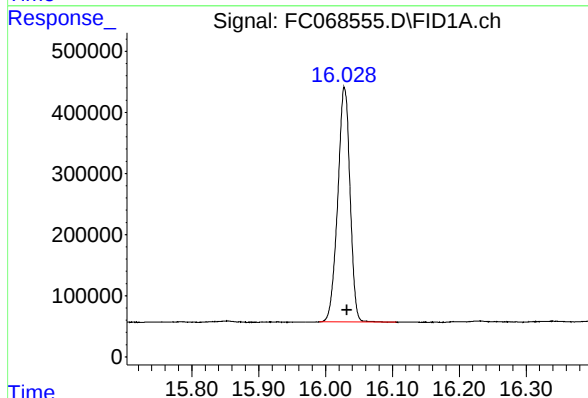
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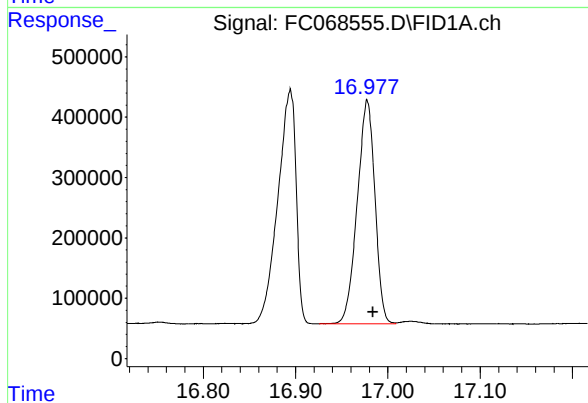
#14 n-Tetracosane (C24)

R.T.: 14.998 min  
Delta R.T.: -0.012 min  
Response: 10400888  
Conc: 109.27 ug/ml



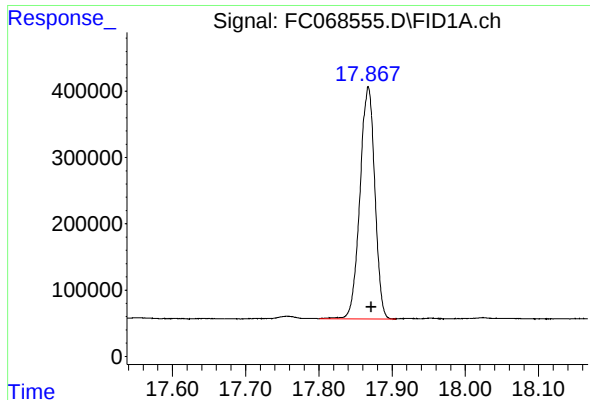
#15 n-Hexacosane (C26)

R.T.: 16.028 min  
Delta R.T.: -0.004 min  
Response: 4914199  
Conc: 52.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.978 min  
Delta R.T.: -0.006 min  
Response: 4954998  
Conc: 54.12 ug/ml



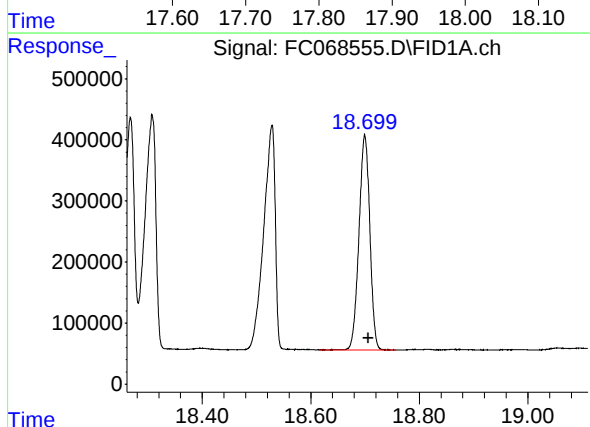
#17 n-Tricontane (C30)

R.T.: 17.867 min  
Delta R.T.: -0.004 min  
Response: 4952945  
Conc: 53.88 ug/ml

Instrument :  
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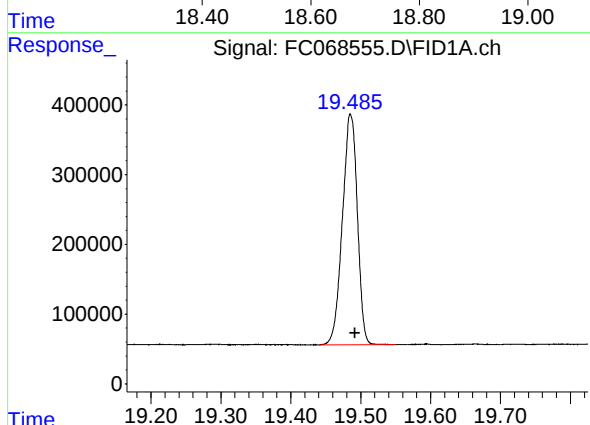
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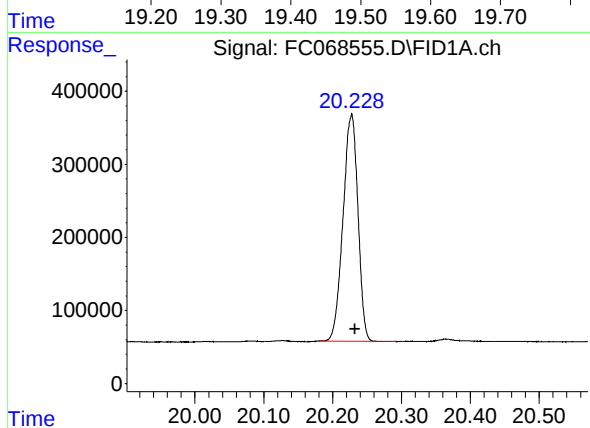
#18 n-Dotriacontane (C32)

R.T.: 18.700 min  
Delta R.T.: -0.007 min  
Response: 4893836  
Conc: 53.35 ug/ml



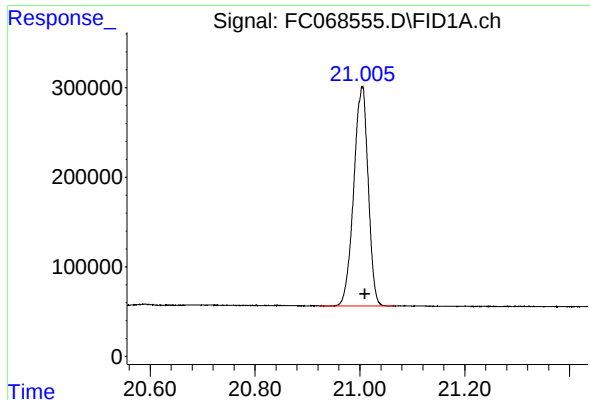
#19 n-Tetratriacontane (C34)

R.T.: 19.486 min  
Delta R.T.: -0.006 min  
Response: 4915804  
Conc: 55.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.227 min  
Delta R.T.: -0.005 min  
Response: 4678225  
Conc: 52.22 ug/ml



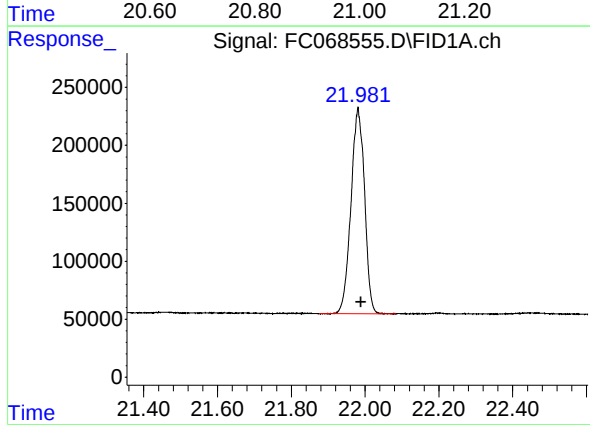
#21 n-Octatriacontane (C38)

R.T.: 21.004 min  
Delta R.T.: -0.005 min  
Response: 4687943  
Conc: 53.02 ug/ml

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.981 min  
Delta R.T.: -0.008 min  
Response: 4523781  
Conc: 51.23 ug/ml