

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041425AL\  
 Data File : FC068597.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Apr 2025 18:17  
 Operator : YP/AJ  
 Sample : Q1792-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TR-05-041125MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/15/2025  
 Supervised By :mohammad ahmed 04/16/2025

Integration File: autoint1.e  
 Quant Time: Apr 15 01:17:43 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)    | 11.721 | 3706877    | 29.111 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.22%        |
| 12) S 1-chlorooctadecane (S... | 13.154 | 2765037    | 29.766 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.53%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.449  | 3483619    | 33.076 ug/ml  |
| 2) T n-Decane (C10)            | 4.525  | 4003683    | 38.000 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.124  | 4993011    | 42.873 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.551  | 4654539    | 44.260 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.183  | 4898568    | 42.413 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.352  | 5234291    | 50.915 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.954  | 5694134    | 55.912 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.398 | 5610015    | 55.747 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.710 | 5506771    | 55.986 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.323 | 5108469    | 52.418 ug/ml  |
| 13) T n-Docosane (C22)         | 13.909 | 5041561    | 52.193 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.012 | 10019474   | 105.264 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.039 | 4941030    | 52.899 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.991 | 5027867    | 54.915 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.882 | 5040950    | 54.834 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.716 | 5082264    | 55.405 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.503 | 4889196    | 54.726 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.245 | 4786044    | 53.428 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.028 | 4586989    | 51.882 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.015 | 4289437    | 48.575 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : Q1792-01MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

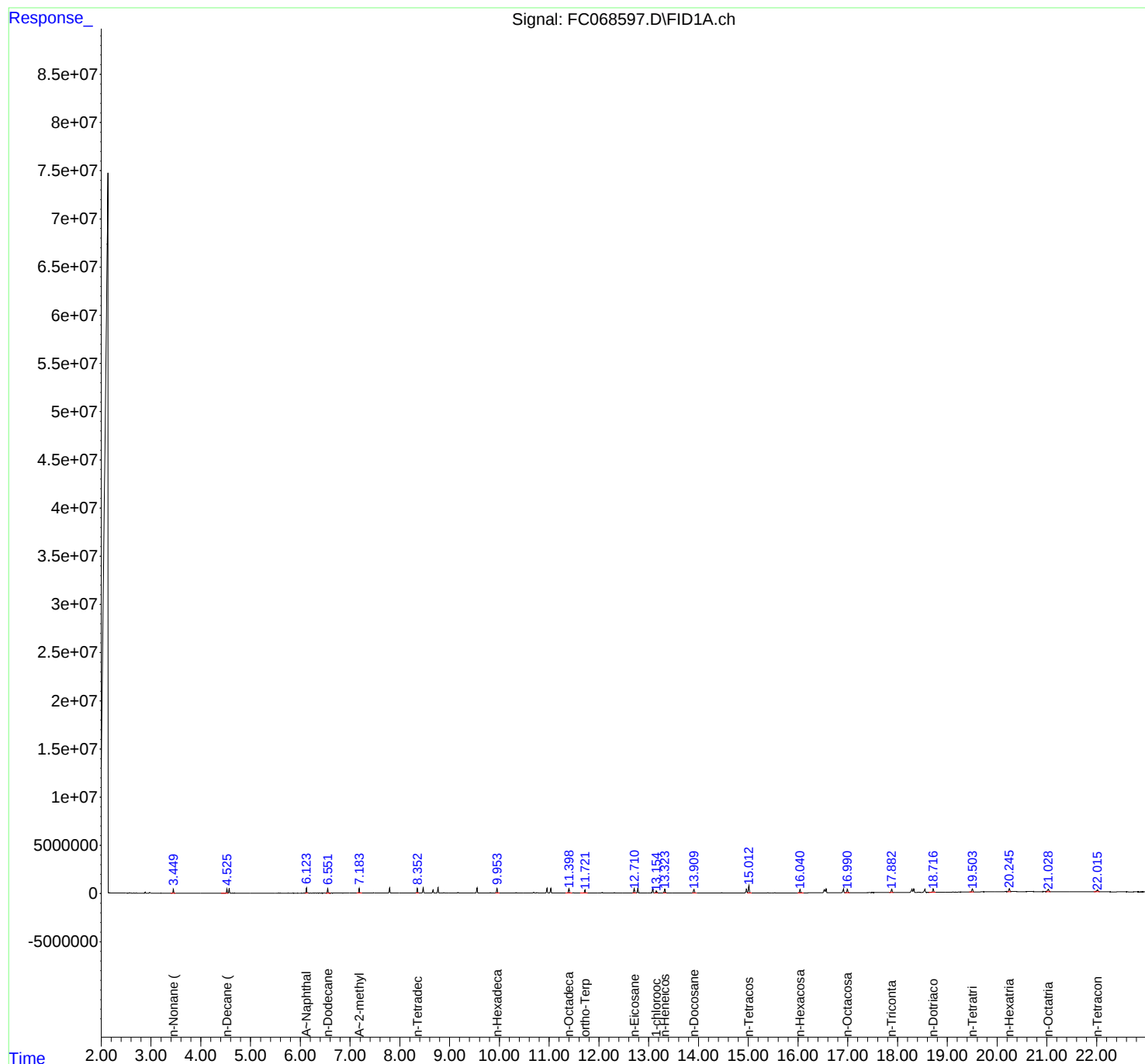
Instrument :  
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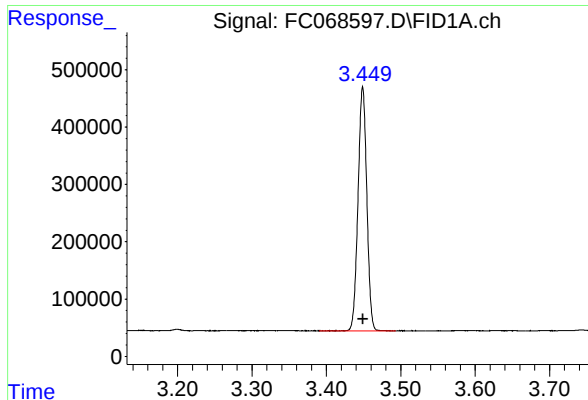
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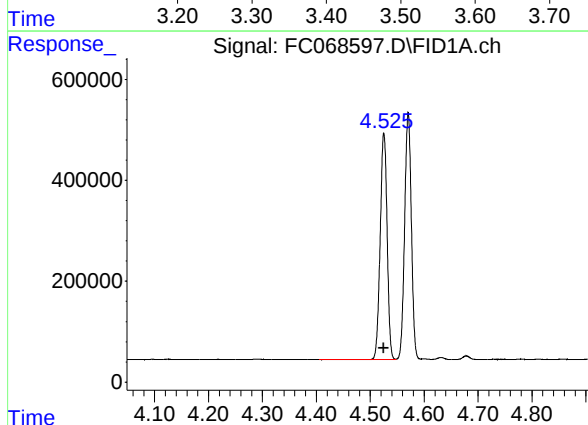
#1 n-Nonane (C9)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 3483619  
Conc: 33.08 ug/ml

Instrument :  
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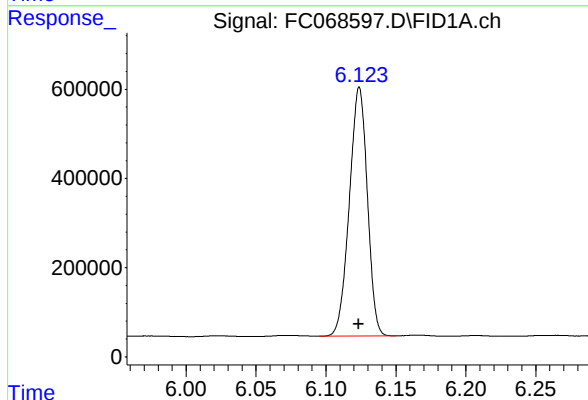
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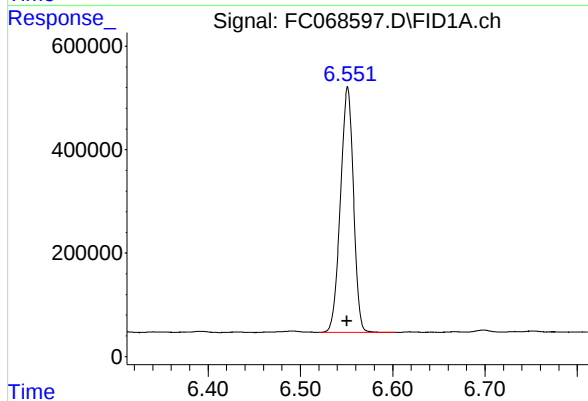
#2 n-Decane (C10)

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 4003683  
Conc: 38.00 ug/ml



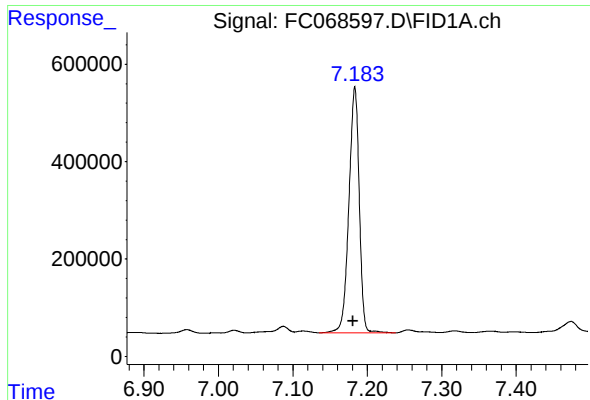
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 4993011  
Conc: 42.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 4654539  
Conc: 44.26 ug/ml



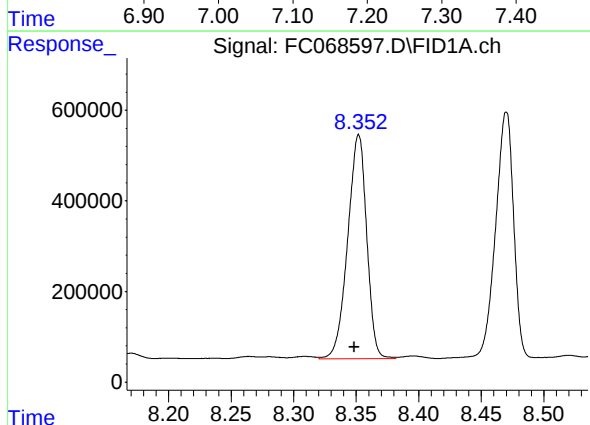
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min  
Delta R.T.: 0.002 min  
Response: 4898568  
Conc: 42.41 ug/ml

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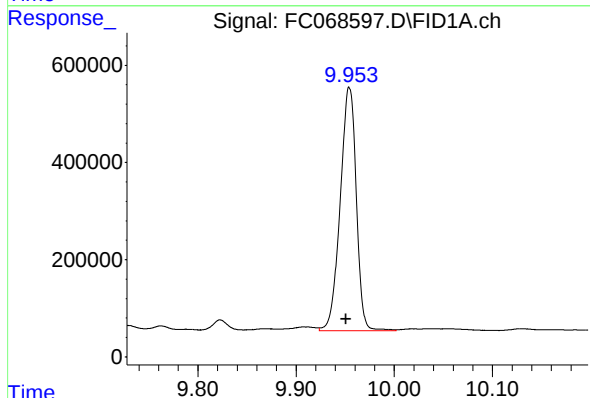
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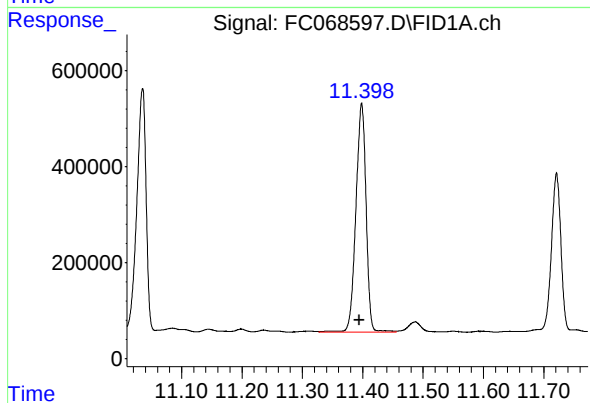
#6 n-Tetradecane (C14)

R.T.: 8.352 min  
Delta R.T.: 0.003 min  
Response: 5234291  
Conc: 50.92 ug/ml



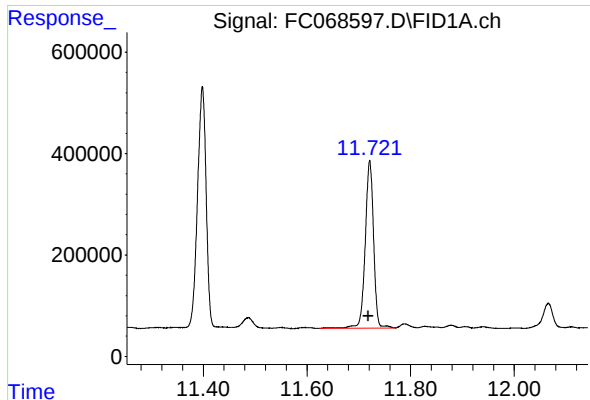
#7 n-Hexadecane (C16)

R.T.: 9.954 min  
Delta R.T.: 0.003 min  
Response: 5694134  
Conc: 55.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.398 min  
Delta R.T.: 0.003 min  
Response: 5610015  
Conc: 55.75 ug/ml



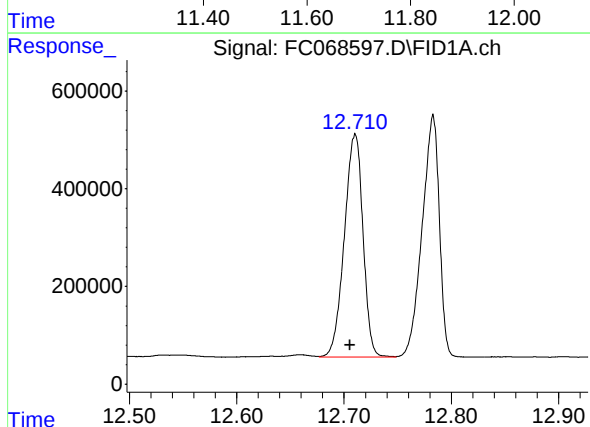
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min  
Delta R.T.: 0.002 min  
Response: 3706877  
Conc: 29.11 ug/ml

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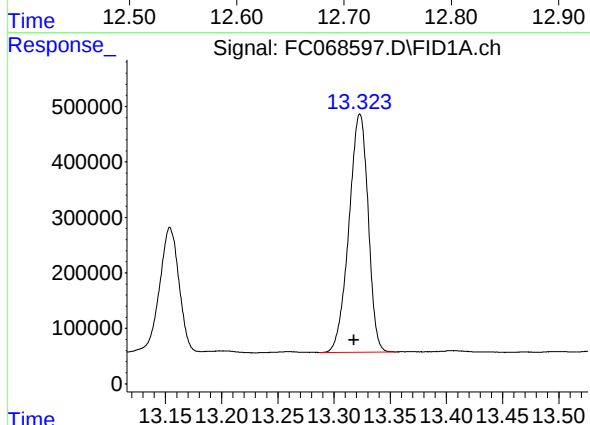
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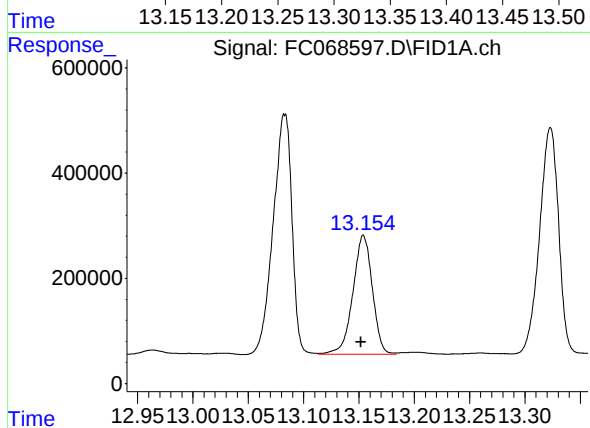
#10 n-Eicosane (C20)

R.T.: 12.710 min  
Delta R.T.: 0.004 min  
Response: 5506771  
Conc: 55.99 ug/ml



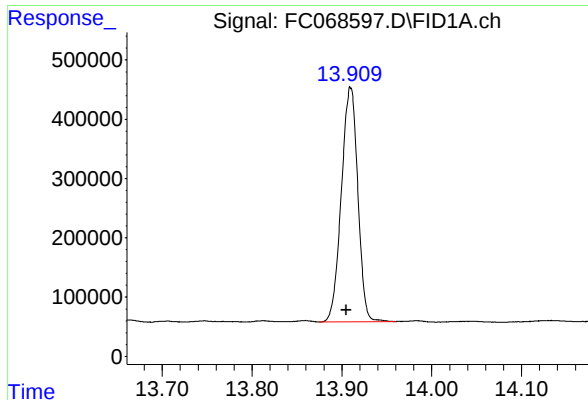
#11 n-Heneicosane (C21)

R.T.: 13.323 min  
Delta R.T.: 0.005 min  
Response: 5108469  
Conc: 52.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min  
Delta R.T.: 0.002 min  
Response: 2765037  
Conc: 29.77 ug/ml



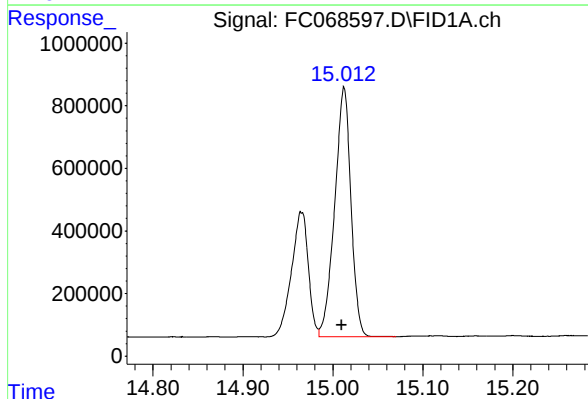
#13 n-Docosane (C22)

R.T.: 13.909 min  
Delta R.T.: 0.004 min  
Response: 5041561  
Conc: 52.19 ug/ml

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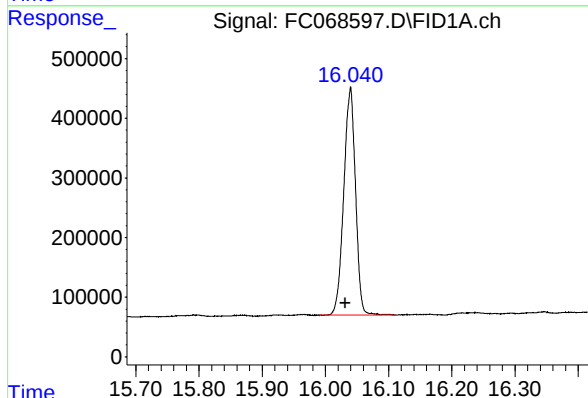
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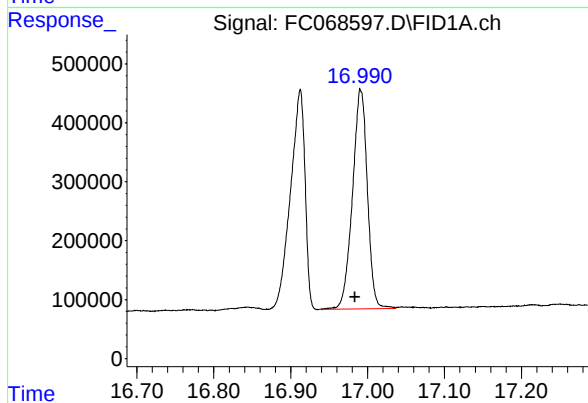
#14 n-Tetracosane (C24)

R.T.: 15.012 min  
Delta R.T.: 0.002 min  
Response: 10019474  
Conc: 105.26 ug/ml



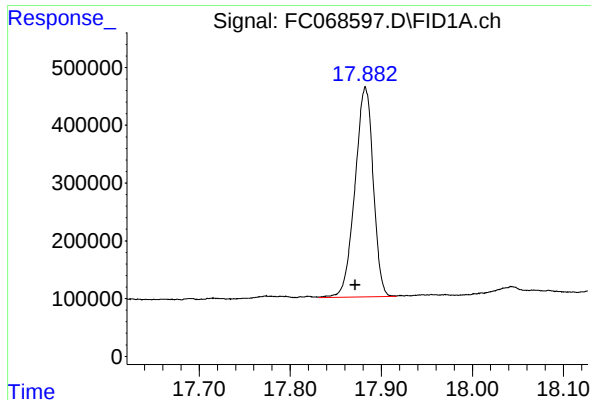
#15 n-Hexacosane (C26)

R.T.: 16.039 min  
Delta R.T.: 0.007 min  
Response: 4941030  
Conc: 52.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.991 min  
Delta R.T.: 0.008 min  
Response: 5027867  
Conc: 54.91 ug/ml



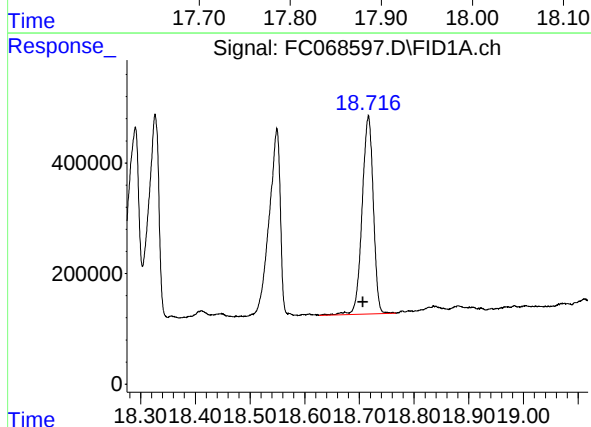
#17 n-Tricontane (C30)

R.T.: 17.882 min  
Delta R.T.: 0.011 min  
Response: 5040950  
Conc: 54.83 ug/ml

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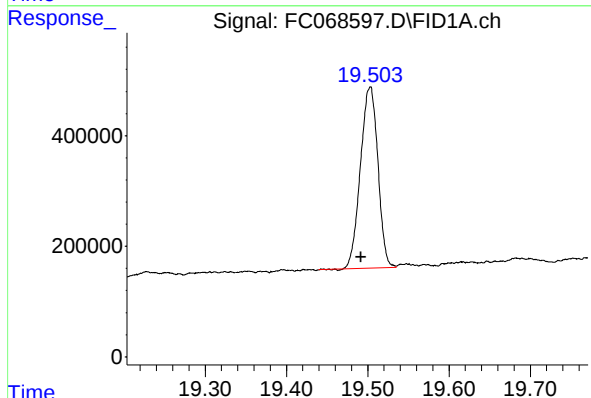
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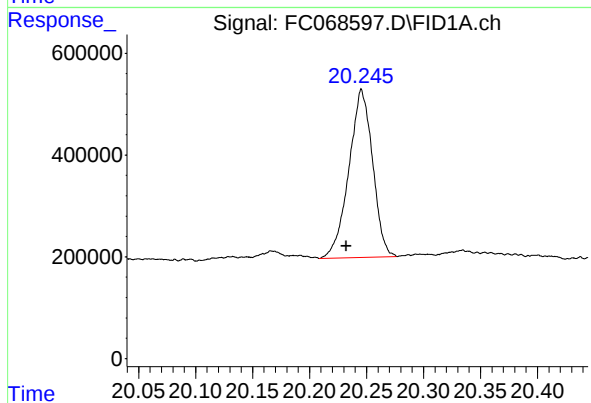
#18 n-Dotriacontane (C32)

R.T.: 18.716 min  
Delta R.T.: 0.010 min  
Response: 5082264  
Conc: 55.41 ug/ml



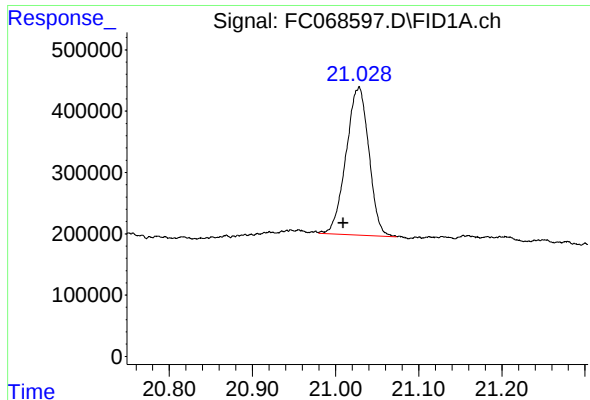
#19 n-Tetratriacontane (C34)

R.T.: 19.503 min  
Delta R.T.: 0.011 min  
Response: 4889196  
Conc: 54.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.245 min  
Delta R.T.: 0.013 min  
Response: 4786044  
Conc: 53.43 ug/ml m



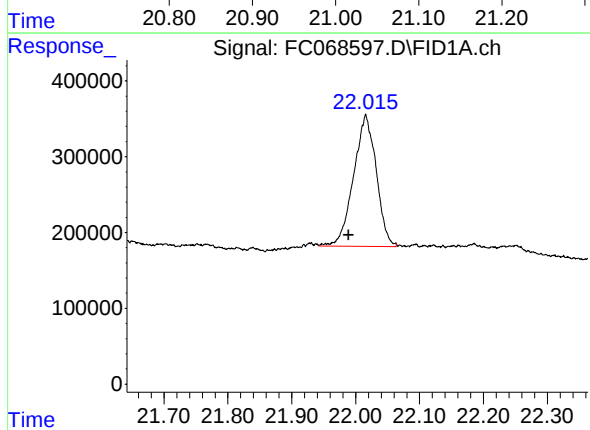
#21 n-Octatriacontane (C38)

R.T.: 21.028 min  
Delta R.T.: 0.019 min  
Response: 4586989  
Conc: 51.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.015 min  
Delta R.T.: 0.027 min  
Response: 4289437  
Conc: 48.57 ug/ml m