

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F110724AL\  
 Data File : FC067662.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Nov 2024 19:06  
 Operator : YP/AJ  
 Sample : P4720-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 JC-701-COMP-01MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024  
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e  
 Quant Time: Nov 08 01:07:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 2024  
 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)    | 11.494 | 5745982    | 39.160 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 78.32%        |
| 12) S 1-chlorooctadecane (S... | 12.932 | 4295154    | 39.774 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 79.55%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.274  | 4098048    | 30.419 ug/ml  |
| 2) T n-Decane (C10)            | 4.338  | 4644596    | 34.090 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.915  | 5349706    | 36.101 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.352  | 5007141    | 36.969 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.970  | 5101841    | 36.127 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.146  | 5339210    | 40.676 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.743  | 5652767    | 42.791 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.182 | 5784342    | 43.783 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.490 | 5828884    | 46.196 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.100 | 5623813    | 45.568 ug/ml  |
| 13) T n-Docosane (C22)         | 13.686 | 5548413    | 45.312 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.758 | 11126255   | 91.793 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.808 | 5399959    | 45.357 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.756 | 5462784    | 46.434 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.644 | 5536068    | 45.801 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.474 | 5540070    | 46.823 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.255 | 5445003    | 51.992 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.994 | 5221369    | 57.361 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.717 | 5303701    | 61.242 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.601 | 5283293    | 62.149 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

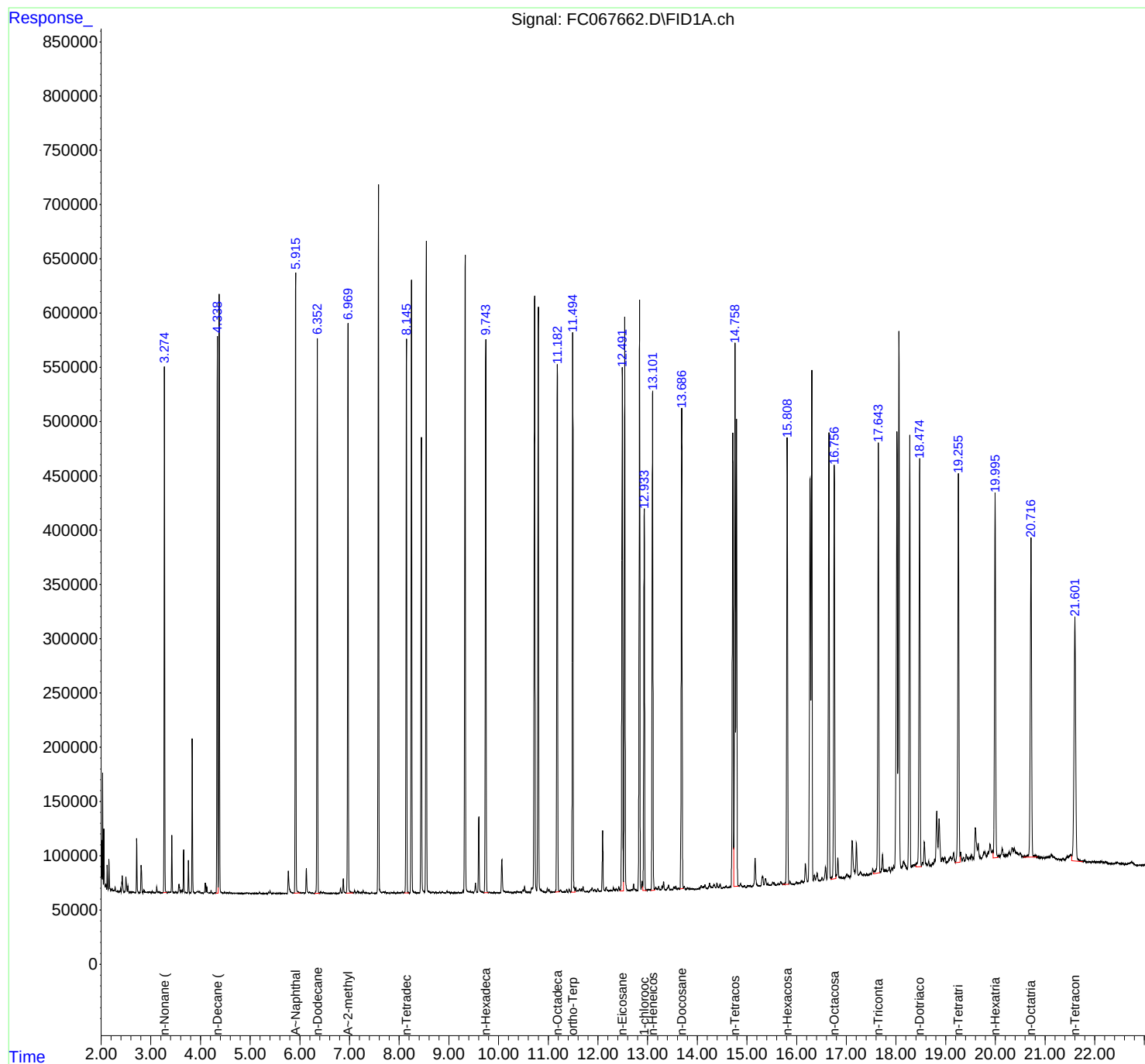
Instrument :  
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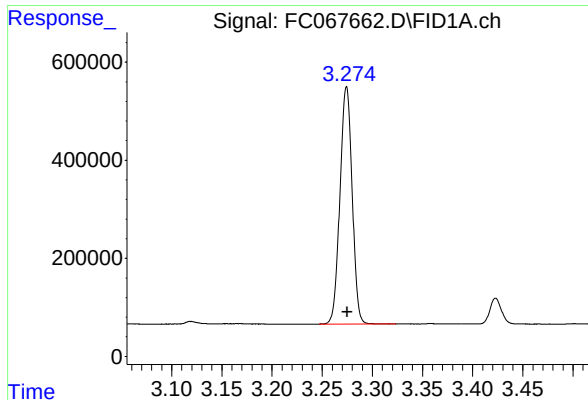
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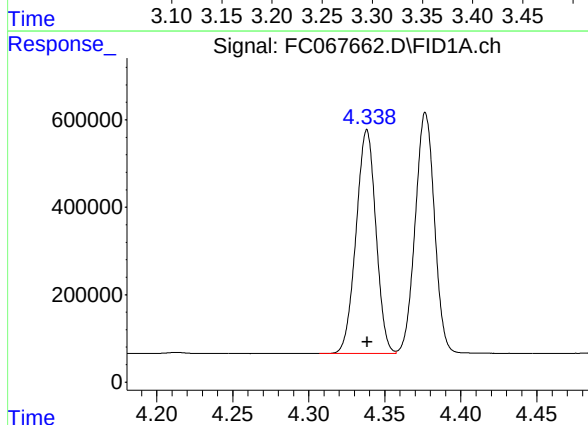
#1 n-Nonane (C9)

R.T.: 3.274 min  
Delta R.T.: 0.000 min  
Response: 4098048  
Conc: 30.42 ug/ml

Instrument :  
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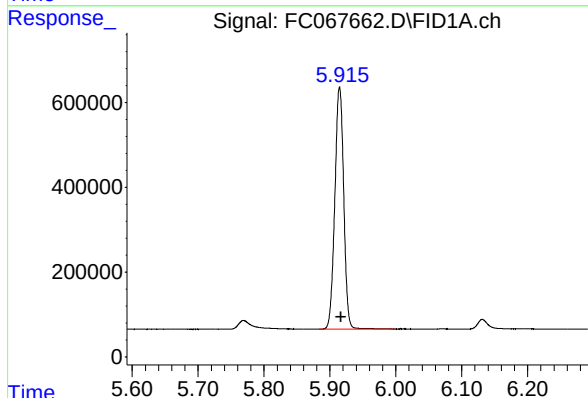
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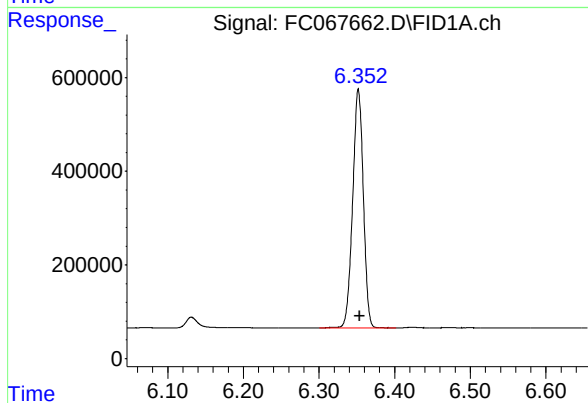
#2 n-Decane (C10)

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 4644596  
Conc: 34.09 ug/ml



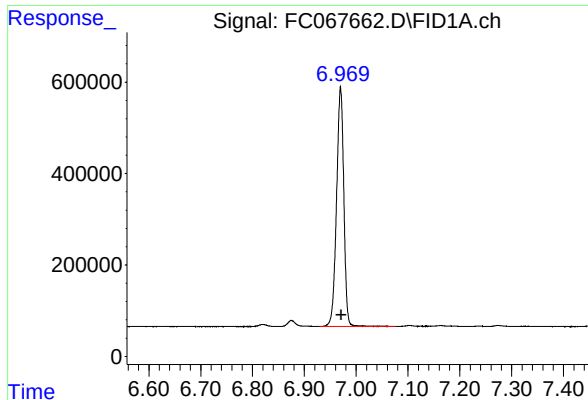
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min  
Delta R.T.: -0.002 min  
Response: 5349706  
Conc: 36.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 5007141  
Conc: 36.97 ug/ml



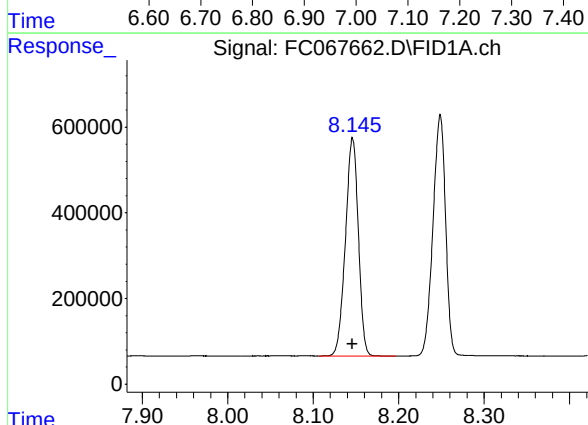
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.970 min  
Delta R.T.: -0.001 min  
Response: 5101841  
Conc: 36.13 ug/ml

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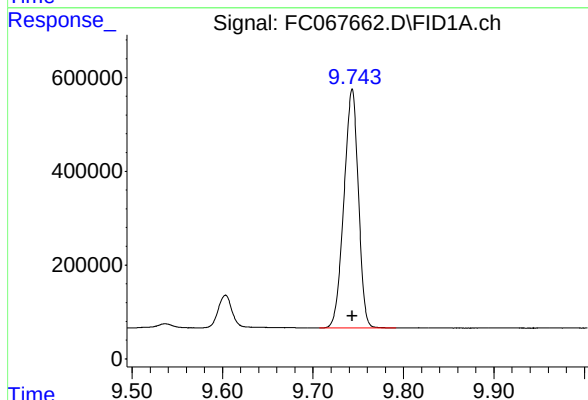
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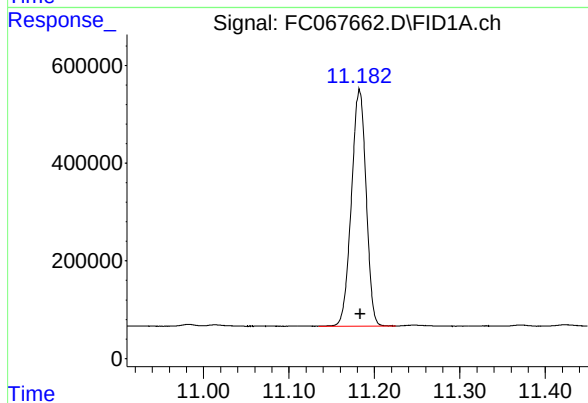
#6 n-Tetradecane (C14)

R.T.: 8.146 min  
Delta R.T.: 0.000 min  
Response: 5339210  
Conc: 40.68 ug/ml



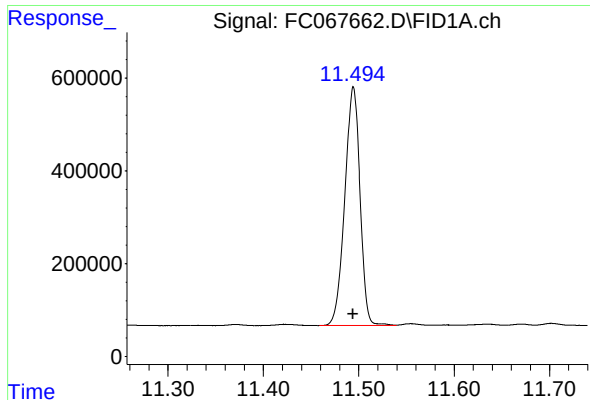
#7 n-Hexadecane (C16)

R.T.: 9.743 min  
Delta R.T.: 0.000 min  
Response: 5652767  
Conc: 42.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min  
Delta R.T.: -0.001 min  
Response: 5784342  
Conc: 43.78 ug/ml



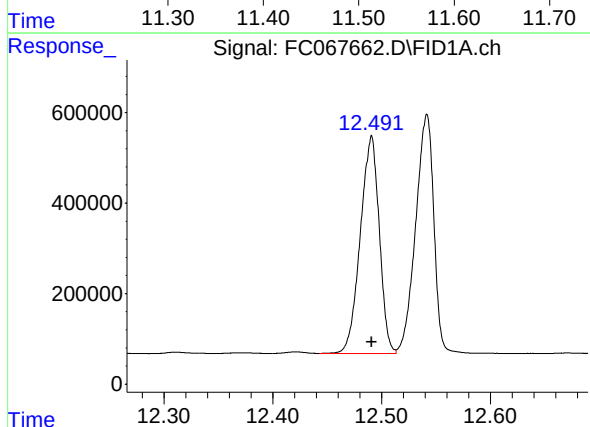
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min  
Delta R.T.: 0.000 min  
Response: 5745982  
Conc: 39.16 ug/ml

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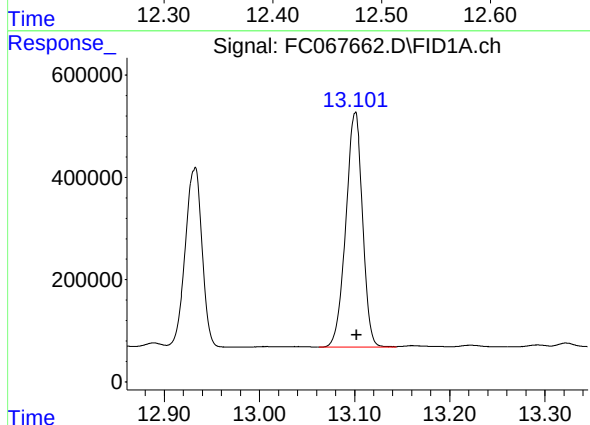
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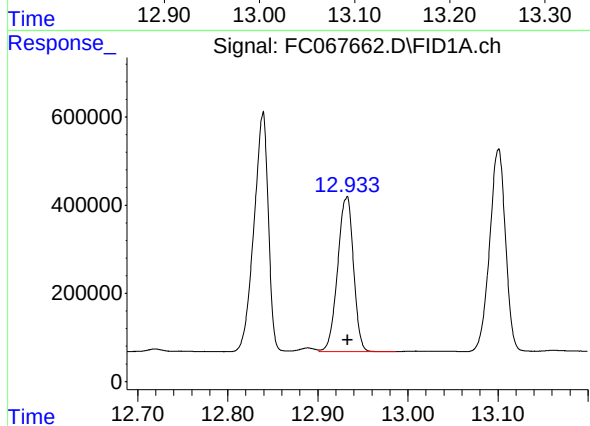
#10 n-Eicosane (C20)

R.T.: 12.490 min  
Delta R.T.: 0.000 min  
Response: 5828884  
Conc: 46.20 ug/ml



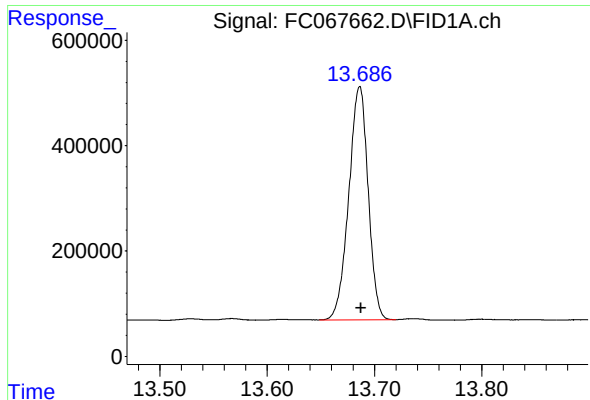
#11 n-Heneicosane (C21)

R.T.: 13.100 min  
Delta R.T.: -0.002 min  
Response: 5623813  
Conc: 45.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min  
Delta R.T.: -0.001 min  
Response: 4295154  
Conc: 39.77 ug/ml



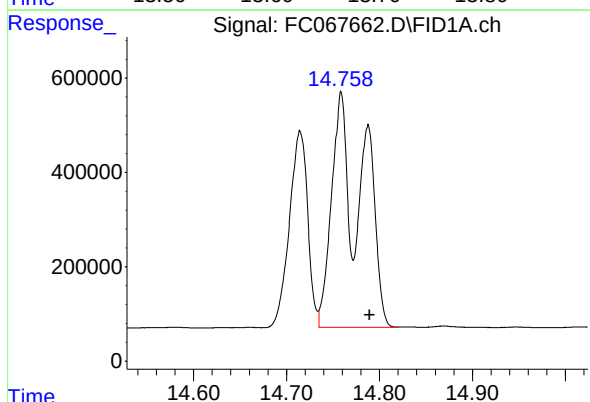
#13 n-Docosane (C22)

R.T.: 13.686 min  
Delta R.T.: -0.001 min  
Response: 5548413  
Conc: 45.31 ug/ml

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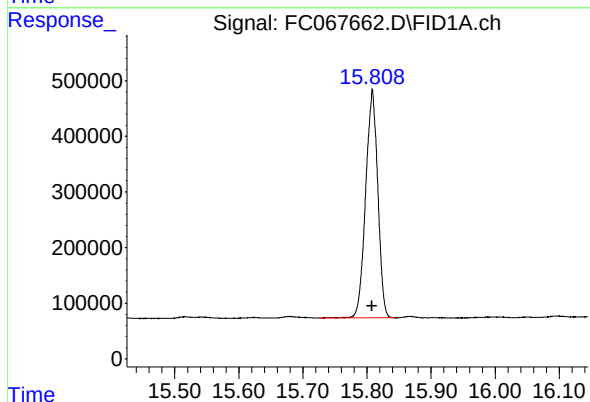
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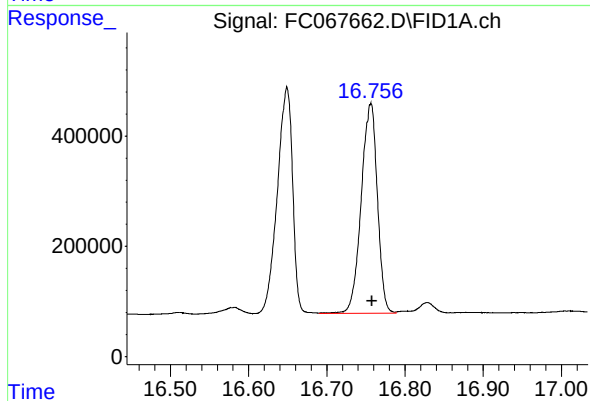
#14 n-Tetracosane (C24)

R.T.: 14.758 min  
Delta R.T.: -0.031 min  
Response: 11126255  
Conc: 91.79 ug/ml m



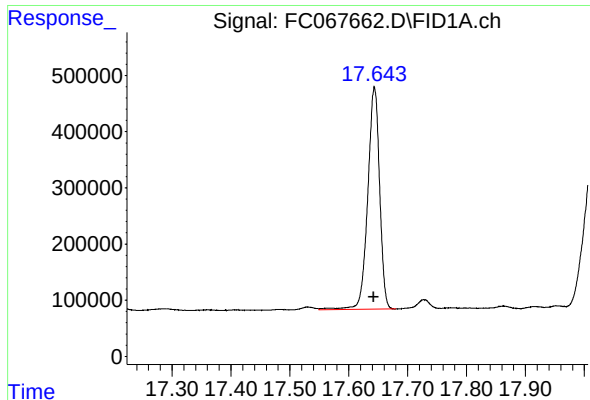
#15 n-Hexacosane (C26)

R.T.: 15.808 min  
Delta R.T.: 0.000 min  
Response: 5399959  
Conc: 45.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.756 min  
Delta R.T.: -0.002 min  
Response: 5462784  
Conc: 46.43 ug/ml



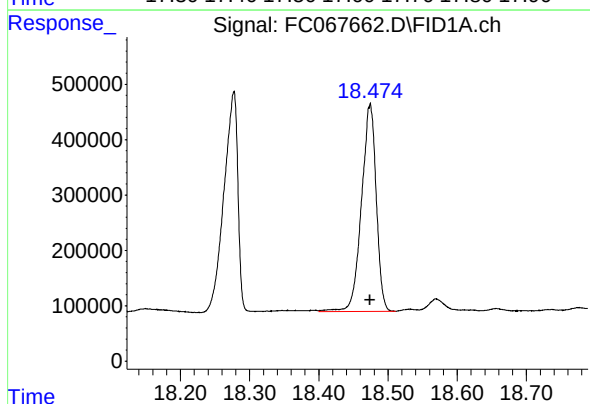
#17 n-Tricontane (C30)

R.T.: 17.644 min  
Delta R.T.: 0.000 min  
Response: 5536068  
Conc: 45.80 ug/ml

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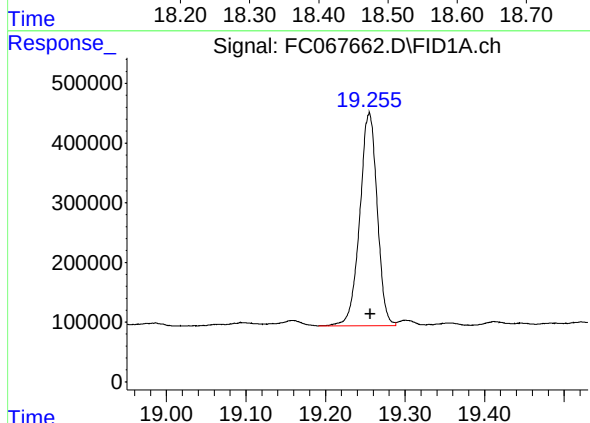
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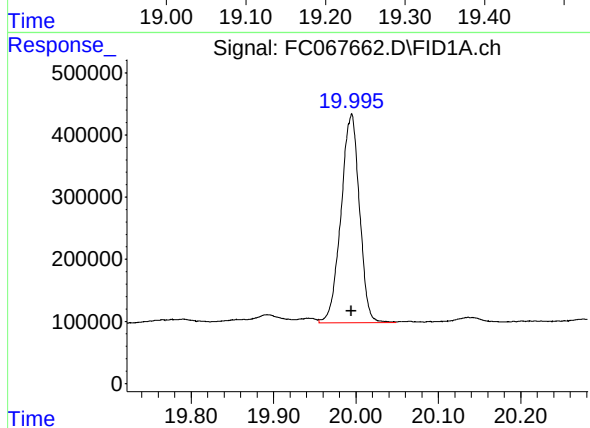
#18 n-Dotriacontane (C32)

R.T.: 18.474 min  
Delta R.T.: 0.000 min  
Response: 5540070  
Conc: 46.82 ug/ml m



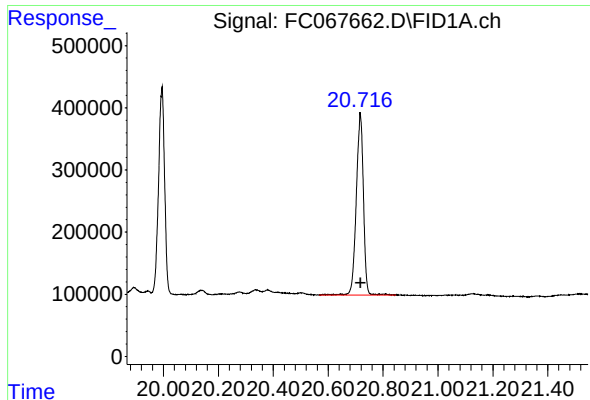
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min  
Delta R.T.: -0.001 min  
Response: 5445003  
Conc: 51.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.994 min  
Delta R.T.: 0.000 min  
Response: 5221369  
Conc: 57.36 ug/ml



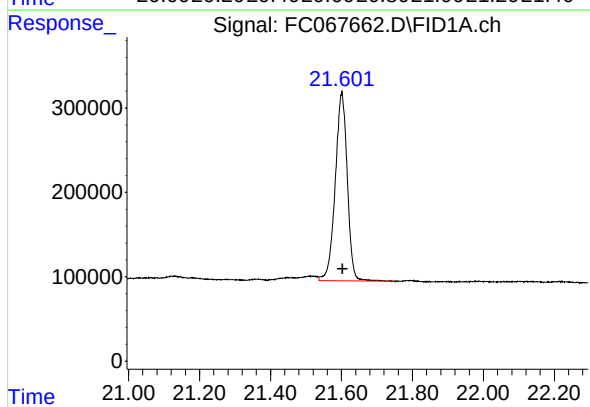
#21 n-Octatriacontane (C38)

R.T.: 20.717 min  
Delta R.T.: 0.000 min  
Response: 5303701  
Conc: 61.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.601 min  
Delta R.T.: -0.003 min  
Response: 5283293  
Conc: 62.15 ug/ml