

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091824AL\  
 Data File : FC067152.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Sep 2024 15:45  
 Operator : YP/AJ  
 Sample : P4085-01MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 COMP-1MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024  
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e  
 Quant Time: Sep 19 04:05:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 02:55:44 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)    | 11.507 | 3800724    | 27.295 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 54.59%        |
| 12) S 1-chlorooctadecane (S... | 12.945 | 2884486    | 29.528 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.06%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.282  | 4590605    | 34.608 ug/ml  |
| 2) T n-Decane (C10)            | 4.347  | 5361136    | 39.917 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.924  | 5979122    | 42.070 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.362  | 5853520    | 43.730 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.980  | 5650488    | 42.314 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.158  | 6584158    | 51.089 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.756  | 6815782    | 52.866 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.197 | 6609527    | 51.660 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.505 | 6400322    | 53.286 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.115 | 6063564    | 51.917 ug/ml  |
| 13) T n-Docosane (C22)         | 13.701 | 5963122    | 51.647 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.772 | 11300695   | 99.511 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.823 | 5685753    | 51.302 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.771 | 5503223    | 50.947 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.659 | 5585164    | 51.346 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.490 | 5532434    | 53.040 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.272 | 5419474    | 58.742 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.012 | 5058393    | 63.830 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.736 | 4757227    | 63.332 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.626 | 4010938    | 57.410 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091824AL\  
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Integration File: autoint1.e

Quant Time: Sep 19 04:05:00 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 2024

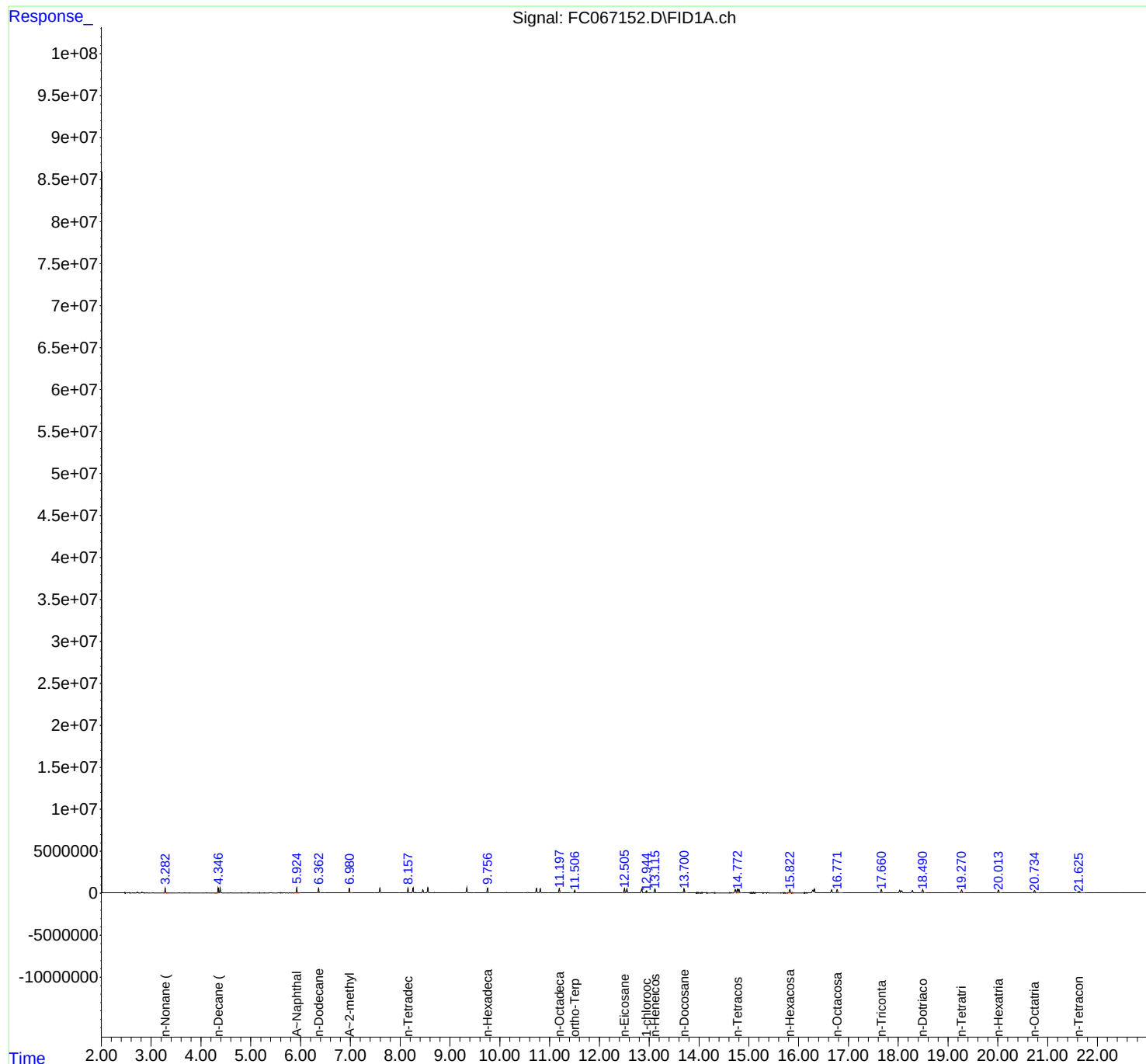
Response via : Initial Calibration

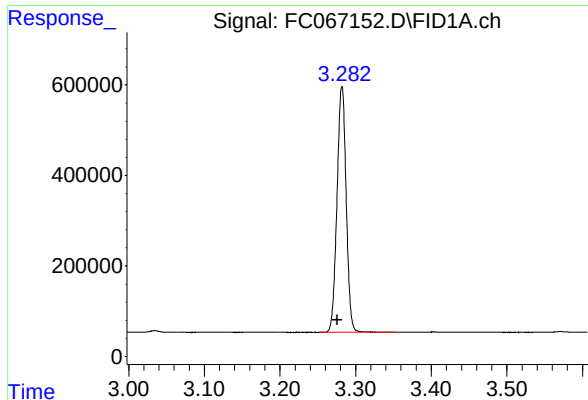
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





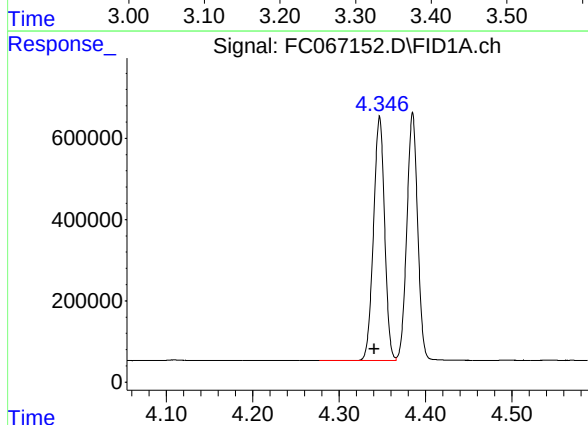
#1 n-Nonane (C9)

R.T.: 3.282 min  
Delta R.T.: 0.006 min  
Response: 4590605  
Conc: 34.61 ug/ml

Instrument :  
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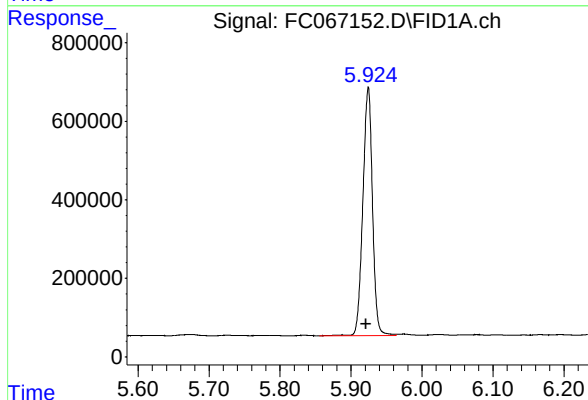
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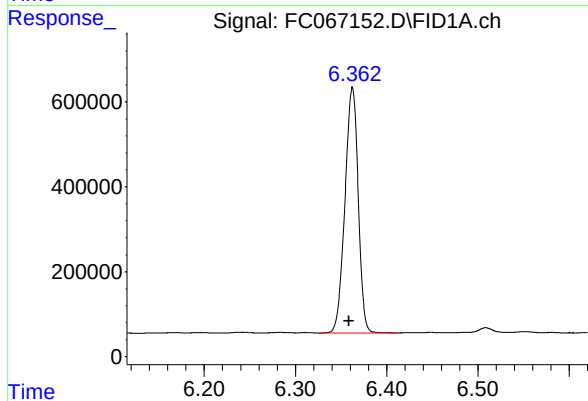
#2 n-Decane (C10)

R.T.: 4.347 min  
Delta R.T.: 0.006 min  
Response: 5361136  
Conc: 39.92 ug/ml



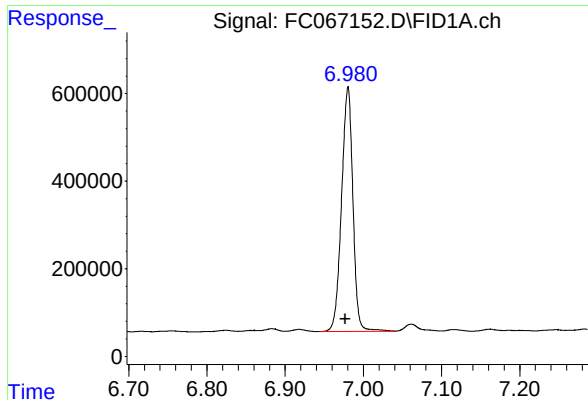
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min  
Delta R.T.: 0.003 min  
Response: 5979122  
Conc: 42.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min  
Delta R.T.: 0.004 min  
Response: 5853520  
Conc: 43.73 ug/ml



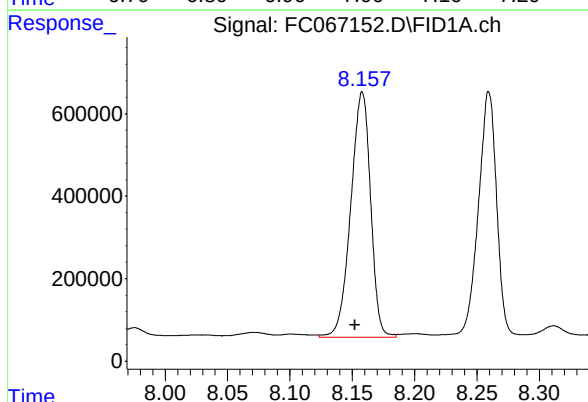
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min  
Delta R.T.: 0.003 min  
Response: 5650488  
Conc: 42.31 ug/ml

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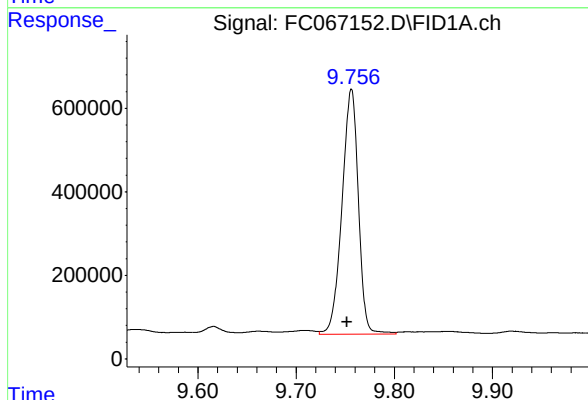
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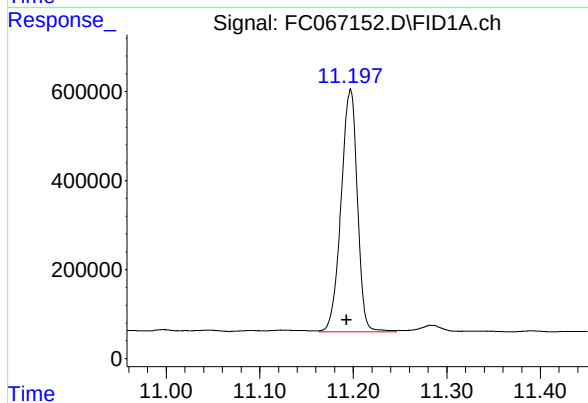
#6 n-Tetradecane (C14)

R.T.: 8.158 min  
Delta R.T.: 0.006 min  
Response: 6584158  
Conc: 51.09 ug/ml



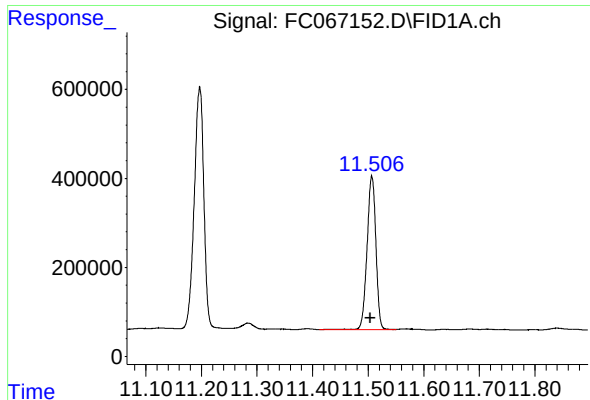
#7 n-Hexadecane (C16)

R.T.: 9.756 min  
Delta R.T.: 0.004 min  
Response: 6815782  
Conc: 52.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min  
Delta R.T.: 0.004 min  
Response: 6609527  
Conc: 51.66 ug/ml



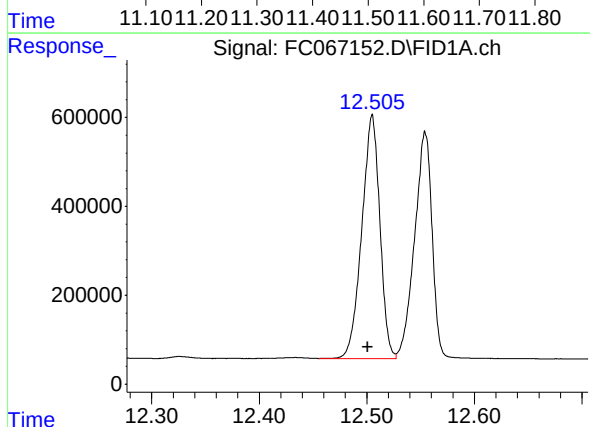
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min  
Delta R.T.: 0.003 min  
Response: 3800724  
Conc: 27.30 ug/ml

Instrument :  
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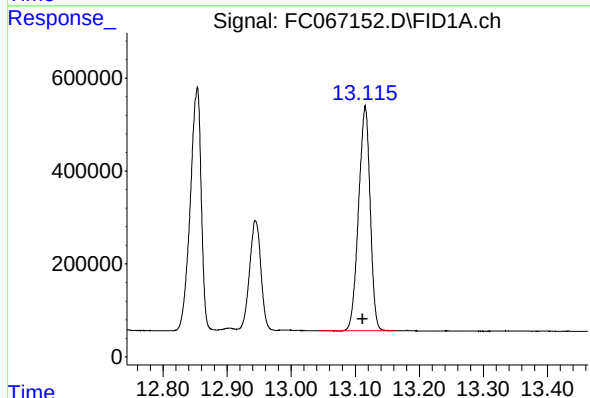
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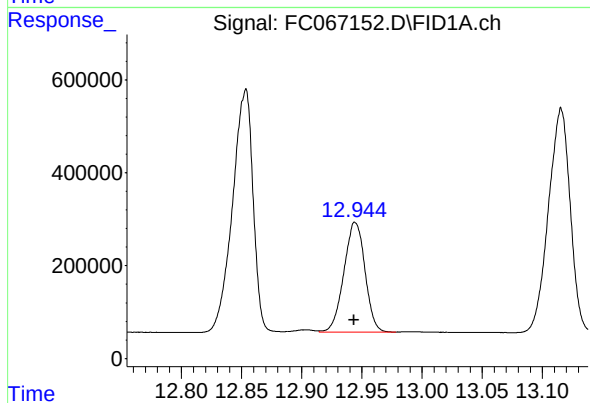
#10 n-Eicosane (C20)

R.T.: 12.505 min  
Delta R.T.: 0.004 min  
Response: 6400322  
Conc: 53.29 ug/ml



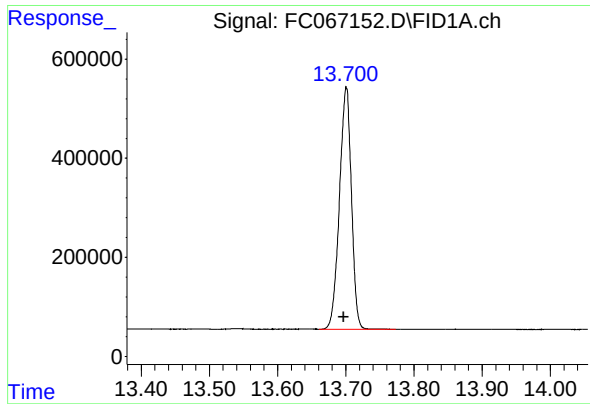
#11 n-Heneicosane (C21)

R.T.: 13.115 min  
Delta R.T.: 0.004 min  
Response: 6063564  
Conc: 51.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min  
Delta R.T.: 0.001 min  
Response: 2884486  
Conc: 29.53 ug/ml



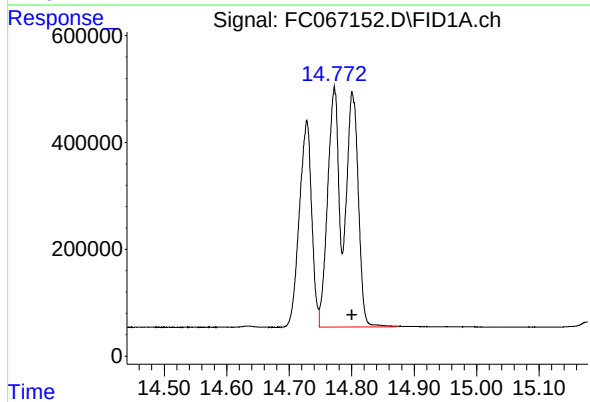
#13 n-Docosane (C22)

R.T.: 13.701 min  
Delta R.T.: 0.003 min  
Response: 5963122  
Conc: 51.65 ug/ml

Instrument :  
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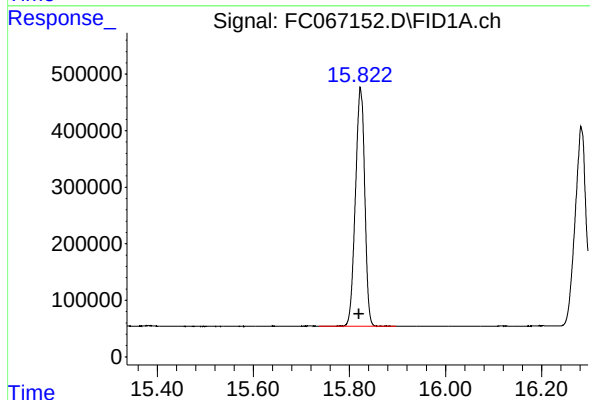
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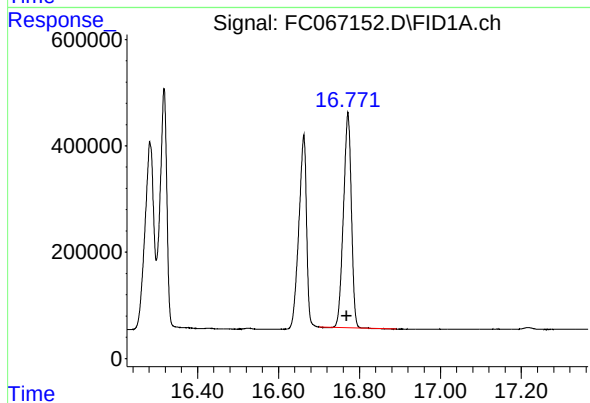
#14 n-Tetracosane (C24)

R.T.: 14.772 min  
Delta R.T.: -0.029 min  
Response: 11300695  
Conc: 99.51 ug/ml m



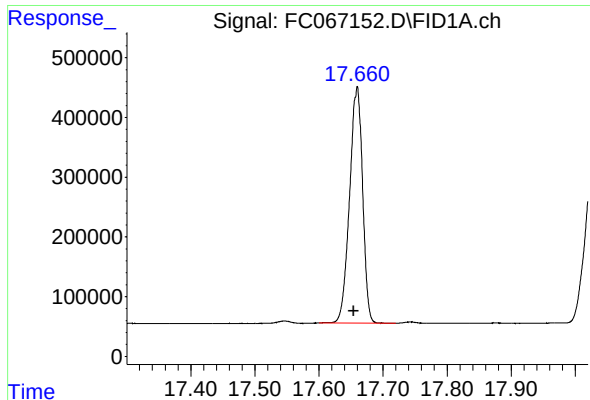
#15 n-Hexacosane (C26)

R.T.: 15.823 min  
Delta R.T.: 0.003 min  
Response: 5685753  
Conc: 51.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min  
Delta R.T.: 0.004 min  
Response: 5503223  
Conc: 50.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.659 min  
Delta R.T.: 0.005 min  
Response: 5585164  
Conc: 51.35 ug/ml

Instrument :

FID\_C

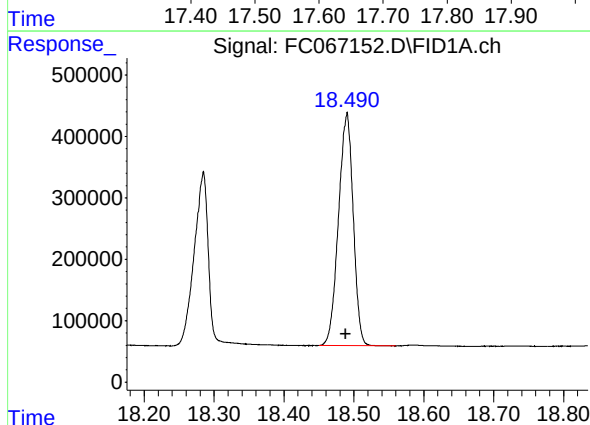
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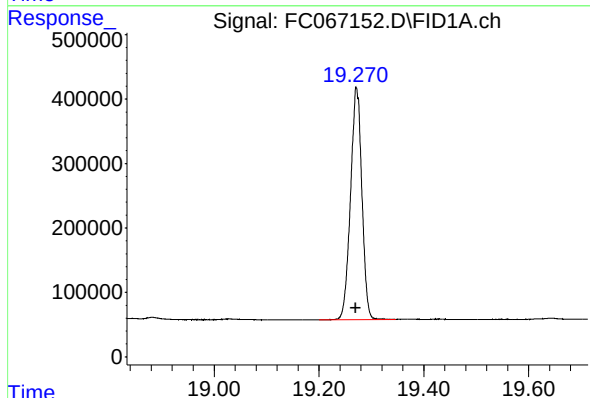
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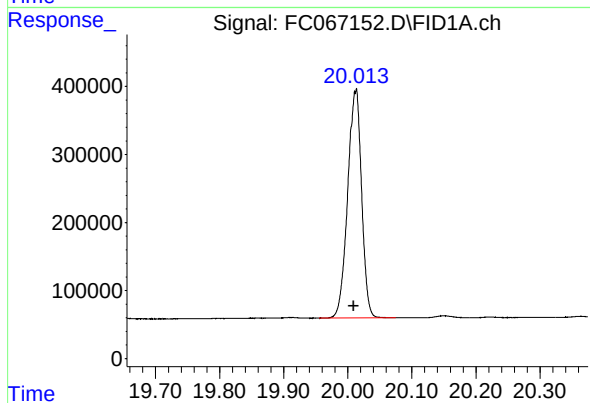
#18 n-Dotriacontane (C32)

R.T.: 18.490 min  
Delta R.T.: 0.002 min  
Response: 5532434  
Conc: 53.04 ug/ml



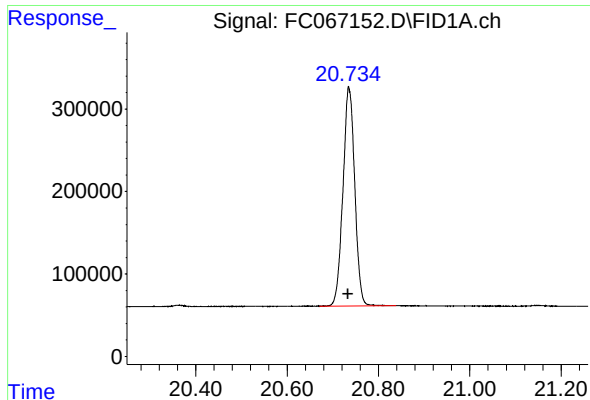
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min  
Delta R.T.: 0.002 min  
Response: 5419474  
Conc: 58.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min  
Delta R.T.: 0.003 min  
Response: 5058393  
Conc: 63.83 ug/ml



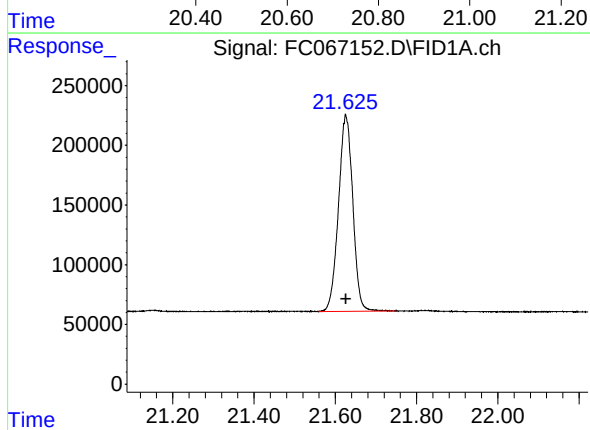
#21 n-Octatriacontane (C38)

R.T.: 20.736 min  
Delta R.T.: 0.002 min  
Response: 4757227  
Conc: 63.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min  
Delta R.T.: 0.000 min  
Response: 4010938  
Conc: 57.41 ug/ml