

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051623AL\  
 Data File : FE041945.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 May 2023 16:58  
 Operator : YP\AJ  
 Sample : 02802-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 ORA-1639MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/17/2023  
 Supervised By :Ankita Jodhani 05/17/2023

Integration File: autoint1.e  
 Quant Time: May 17 01:15:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 2023  
 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)    | 11.977 | 5252006    | 27.995 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 55.99%        |
| 12) S 1-chlorooctadecane (S... | 13.412 | 4737977    | 33.539 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 67.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.350  | 4469995    | 30.409 ug/ml  |
| 2) T n-Decane (C10)            | 4.604  | 5071411    | 33.814 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.311  | 6291486    | 38.018 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.773  | 5971843    | 39.277 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.409  | 6602557    | 40.947 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.605  | 6860086    | 45.161 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.212 | 7480792    | 46.877 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.658 | 7508370    | 45.807 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.969 | 7834769    | 48.710 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.581 | 7252132    | 45.505 ug/ml  |
| 13) T n-Docosane (C22)         | 14.167 | 7170232    | 45.002 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.266 | 13393840   | 83.078 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.296 | 6540454    | 41.370 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.246 | 6628285    | 43.077 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.137 | 6572010    | 43.151 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.970 | 6118838    | 41.072 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.755 | 5815916    | 41.284 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.497 | 5777059    | 43.200 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.256 | 5848321    | 44.260 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.202 | 6567480    | 51.871 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

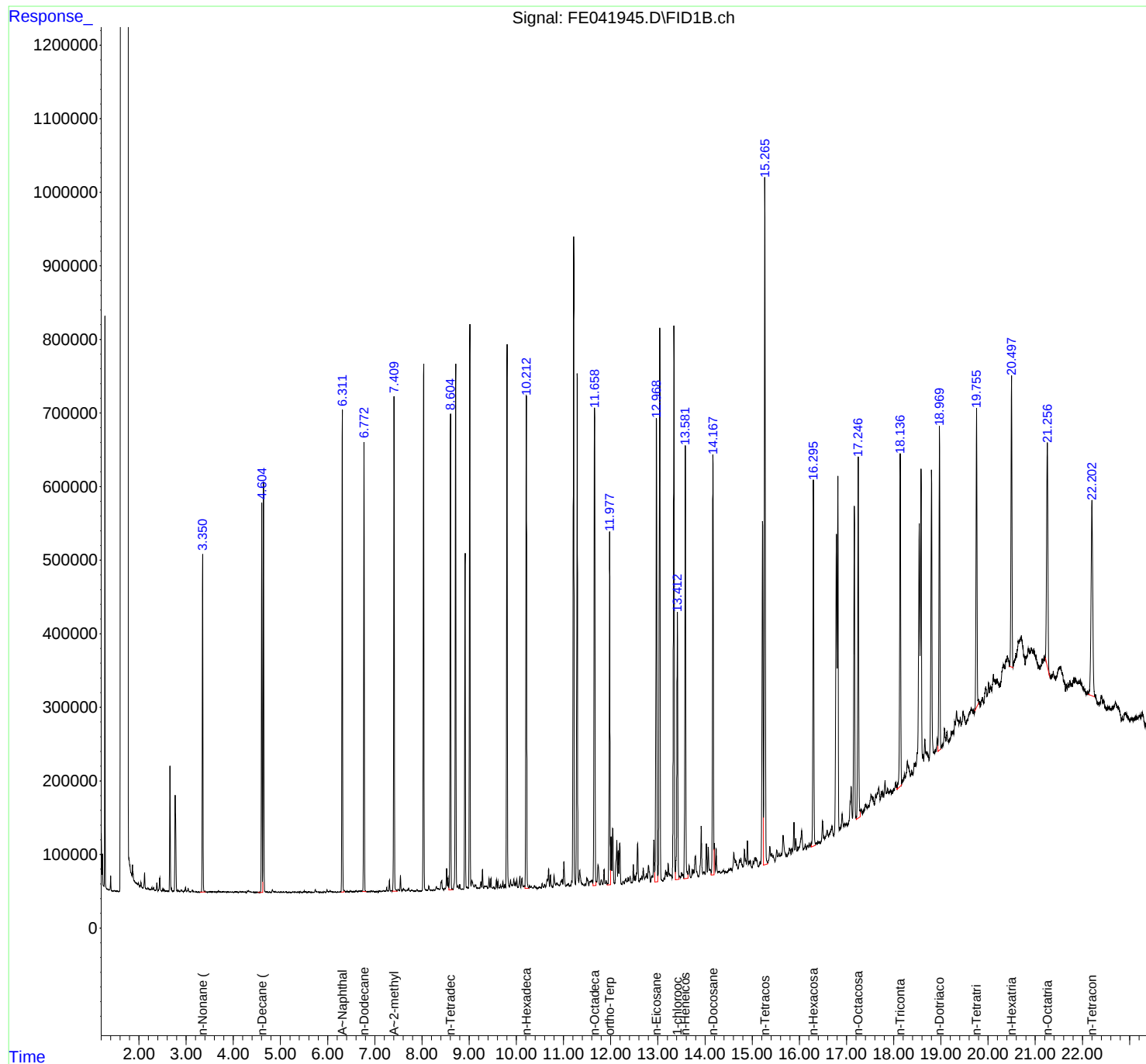
Instrument :  
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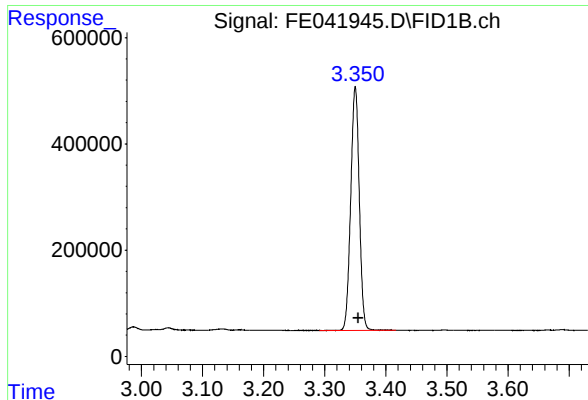
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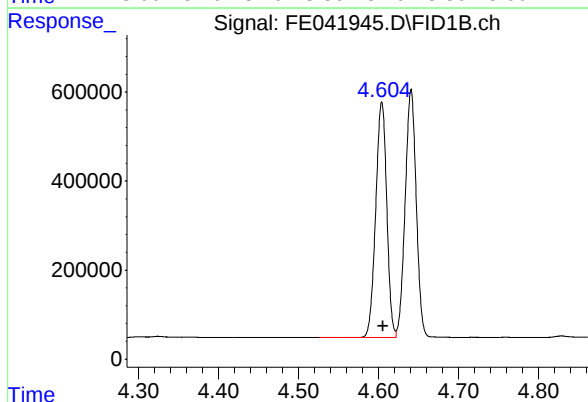
#1 n-Nonane (C9)

R.T.: 3.350 min  
Delta R.T.: -0.005 min  
Response: 4469995  
Conc: 30.41 ug/ml

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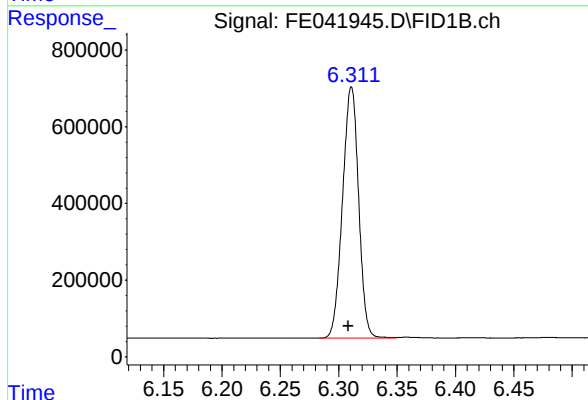
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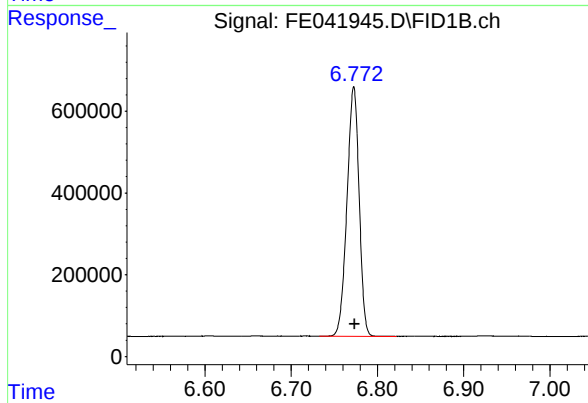
#2 n-Decane (C10)

R.T.: 4.604 min  
Delta R.T.: -0.002 min  
Response: 5071411  
Conc: 33.81 ug/ml



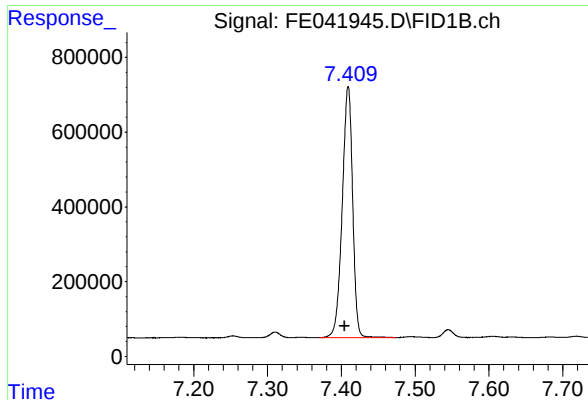
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min  
Delta R.T.: 0.003 min  
Response: 6291486  
Conc: 38.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 5971843  
Conc: 39.28 ug/ml



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

R.T.: 7.409 min  
Delta R.T.: 0.005 min  
Response: 6602557  
Conc: 40.95 ug/ml

Instrument :

FID\_E

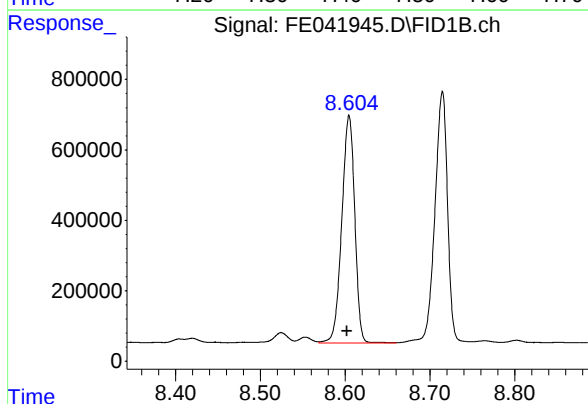
ClientSampleId :

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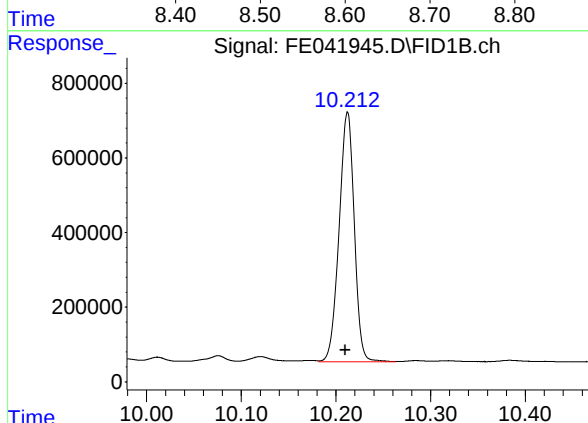
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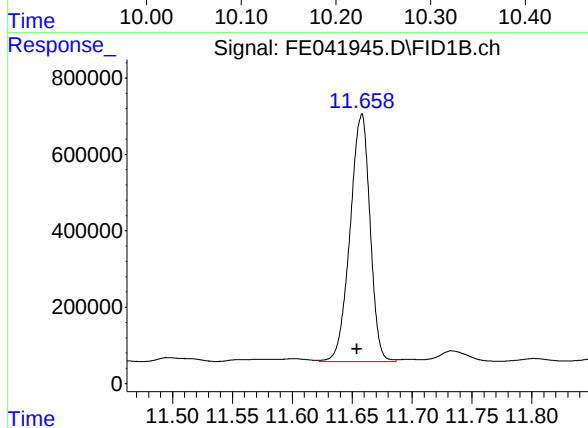
#6 n-Tetradecane (C14)

R.T.: 8.605 min  
Delta R.T.: 0.002 min  
Response: 6860086  
Conc: 45.16 ug/ml



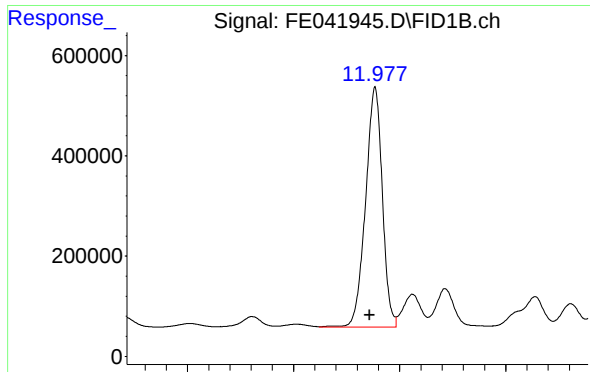
#7 n-Hexadecane (C16)

R.T.: 10.212 min  
Delta R.T.: 0.002 min  
Response: 7480792  
Conc: 46.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min  
Delta R.T.: 0.004 min  
Response: 7508370  
Conc: 45.81 ug/ml



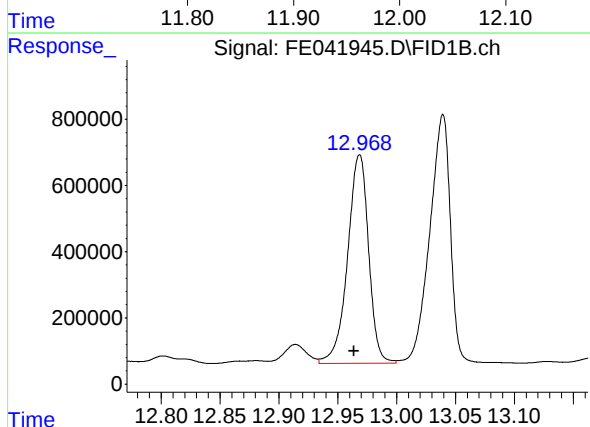
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min  
Delta R.T.: 0.005 min  
Response: 5252006  
Conc: 27.99 ug/ml

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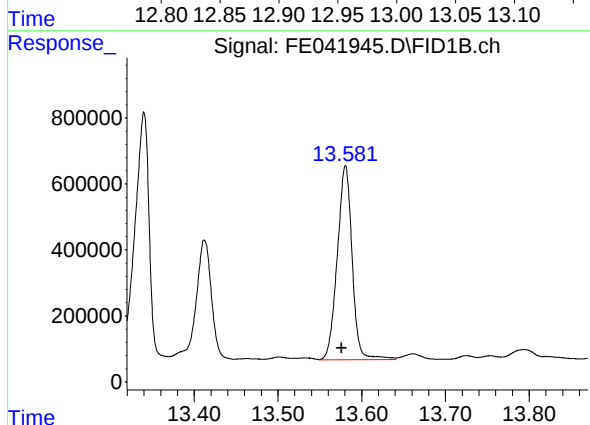
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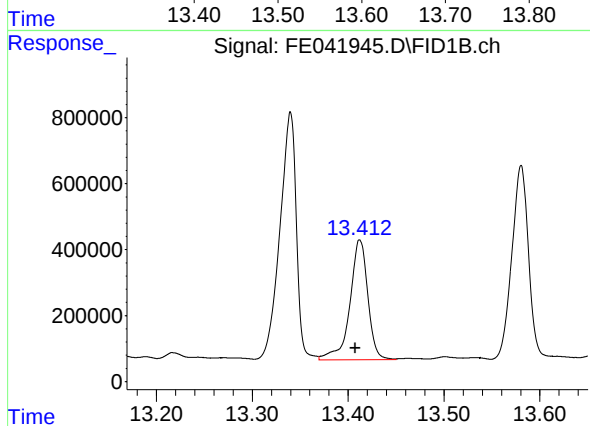
#10 n-Eicosane (C20)

R.T.: 12.969 min  
Delta R.T.: 0.005 min  
Response: 7834769  
Conc: 48.71 ug/ml



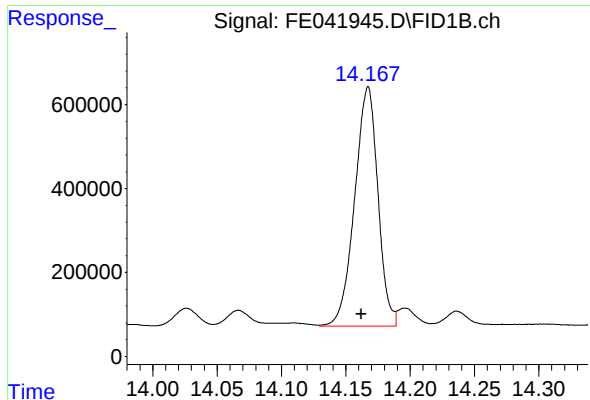
#11 n-Heneicosane (C21)

R.T.: 13.581 min  
Delta R.T.: 0.005 min  
Response: 7252132  
Conc: 45.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min  
Delta R.T.: 0.005 min  
Response: 4737977  
Conc: 33.54 ug/ml



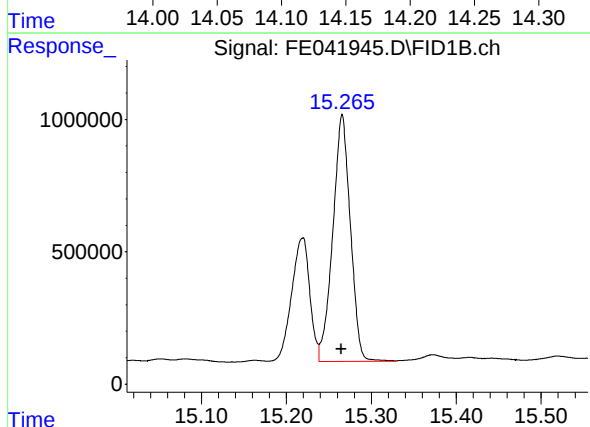
#13 n-Docosane (C22)

R.T.: 14.167 min  
Delta R.T.: 0.005 min  
Response: 7170232  
Conc: 45.00 ug/ml

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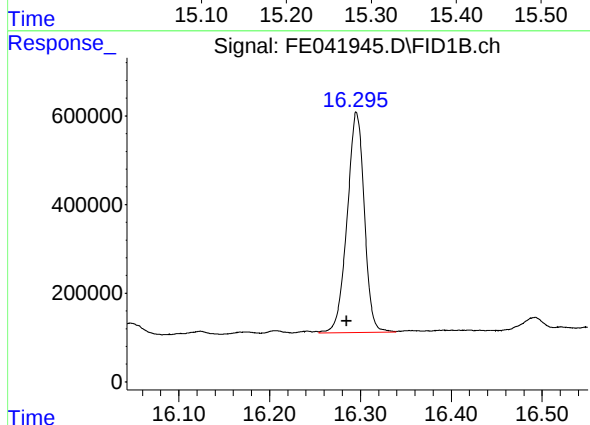
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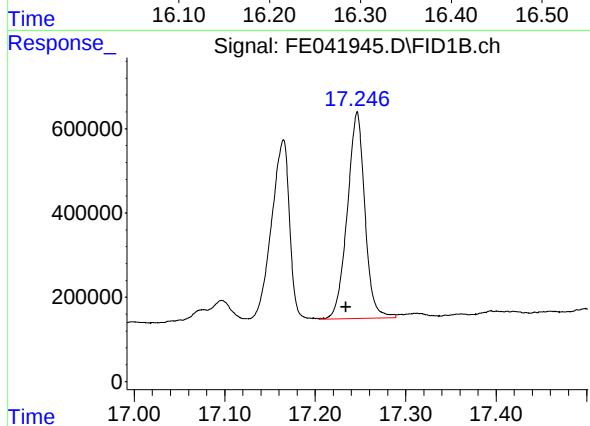
#14 n-Tetracosane (C24)

R.T.: 15.266 min  
Delta R.T.: 0.000 min  
Response: 13393840  
Conc: 83.08 ug/ml



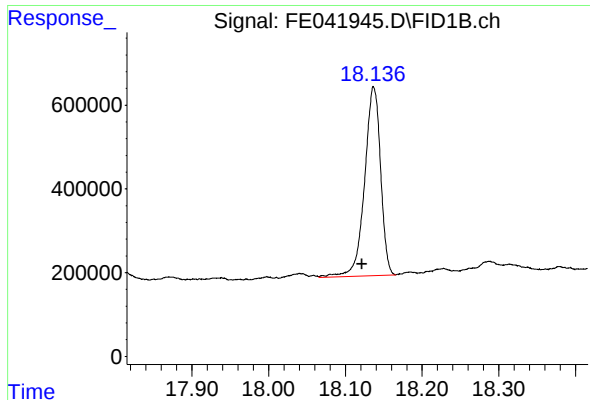
#15 n-Hexacosane (C26)

R.T.: 16.296 min  
Delta R.T.: 0.011 min  
Response: 6540454  
Conc: 41.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.246 min  
Delta R.T.: 0.012 min  
Response: 6628285  
Conc: 43.08 ug/ml



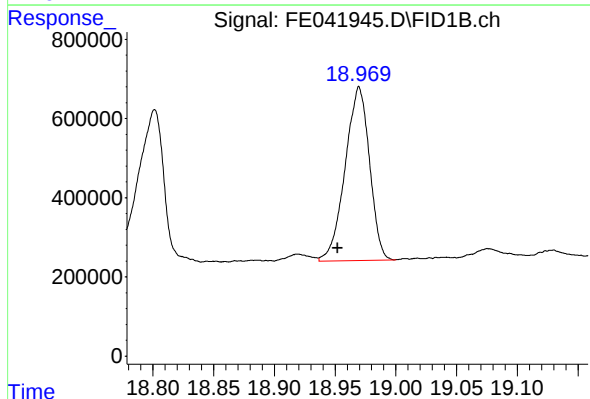
#17 n-Tricontane (C30)

R.T.: 18.137 min  
Delta R.T.: 0.015 min  
Response: 6572010  
Conc: 43.15 ug/ml

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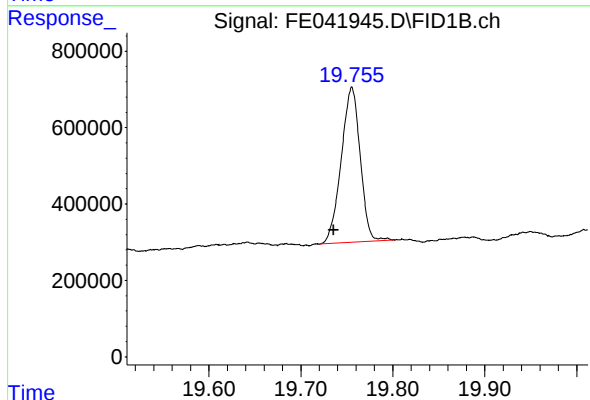
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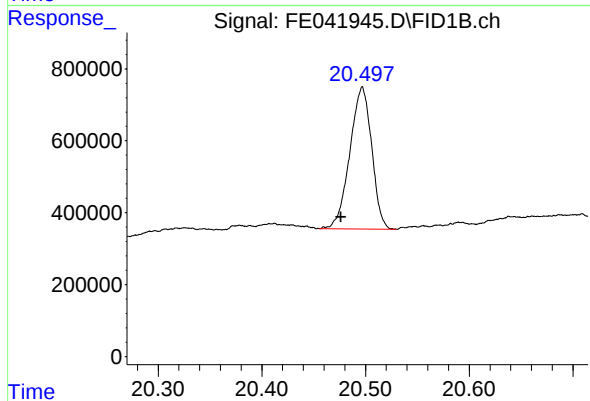
#18 n-Dotriacontane (C32)

R.T.: 18.970 min  
Delta R.T.: 0.018 min  
Response: 6118838  
Conc: 41.07 ug/ml



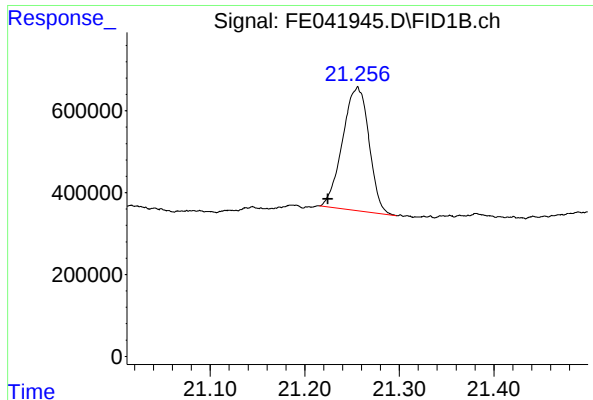
#19 n-Tetratriacontane (C34)

R.T.: 19.755 min  
Delta R.T.: 0.019 min  
Response: 5815916  
Conc: 41.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.497 min  
Delta R.T.: 0.021 min  
Response: 5777059  
Conc: 43.20 ug/ml m



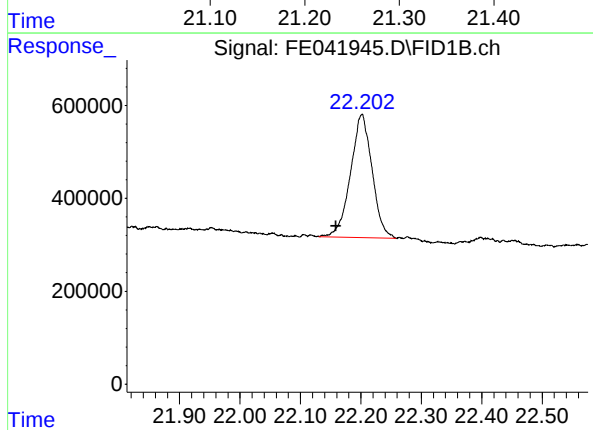
#21 n-Octatriacontane (C38)

R.T.: 21.256 min  
Delta R.T.: 0.031 min  
Response: 5848321  
Conc: 44.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.202 min  
Delta R.T.: 0.044 min  
Response: 6567480  
Conc: 51.87 ug/ml m