

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061523AL\  
 Data File : FE042640.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Jun 2023 22:29  
 Operator : YP\AJ  
 Sample : 03235-01MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

A-MANHOLEMS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e

Quant Time: Jun 16 00:50:51 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)    | 11.937 | 4261452    | 24.133 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 48.27%        |
| 12) S 1-chlorooctadecane (S... | 13.374 | 3328388    | 25.048 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 50.10%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.321  | 4280787    | 29.687 ug/ml  |
| 2) T n-Decane (C10)            | 4.571  | 4839095    | 32.689 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.277  | 5312772    | 32.562 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.737  | 5181058    | 34.551 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.374  | 5208155    | 32.817 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.568  | 5375962    | 35.886 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.175 | 5921152    | 38.012 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.619 | 6072667    | 38.402 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.929 | 6033179    | 39.801 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.541 | 5760060    | 38.879 ug/ml  |
| 13) T n-Docosane (C22)         | 14.127 | 5649466    | 38.537 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.221 | 10471124   | 72.537 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.252 | 5315213    | 38.378 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.200 | 5172249    | 38.632 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.090 | 5188414    | 38.435 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.921 | 5087295    | 38.081 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.706 | 5207927    | 39.601 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.445 | 5070000    | 39.008 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.191 | 5239902    | 38.622 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.118 | 5472492    | 39.337 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061523AL\  
Data File : FE042640.D  
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Acq On : 15 Jun 2023 22:29  
Operator : YP\AJ  
Sample : 03235-01MS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

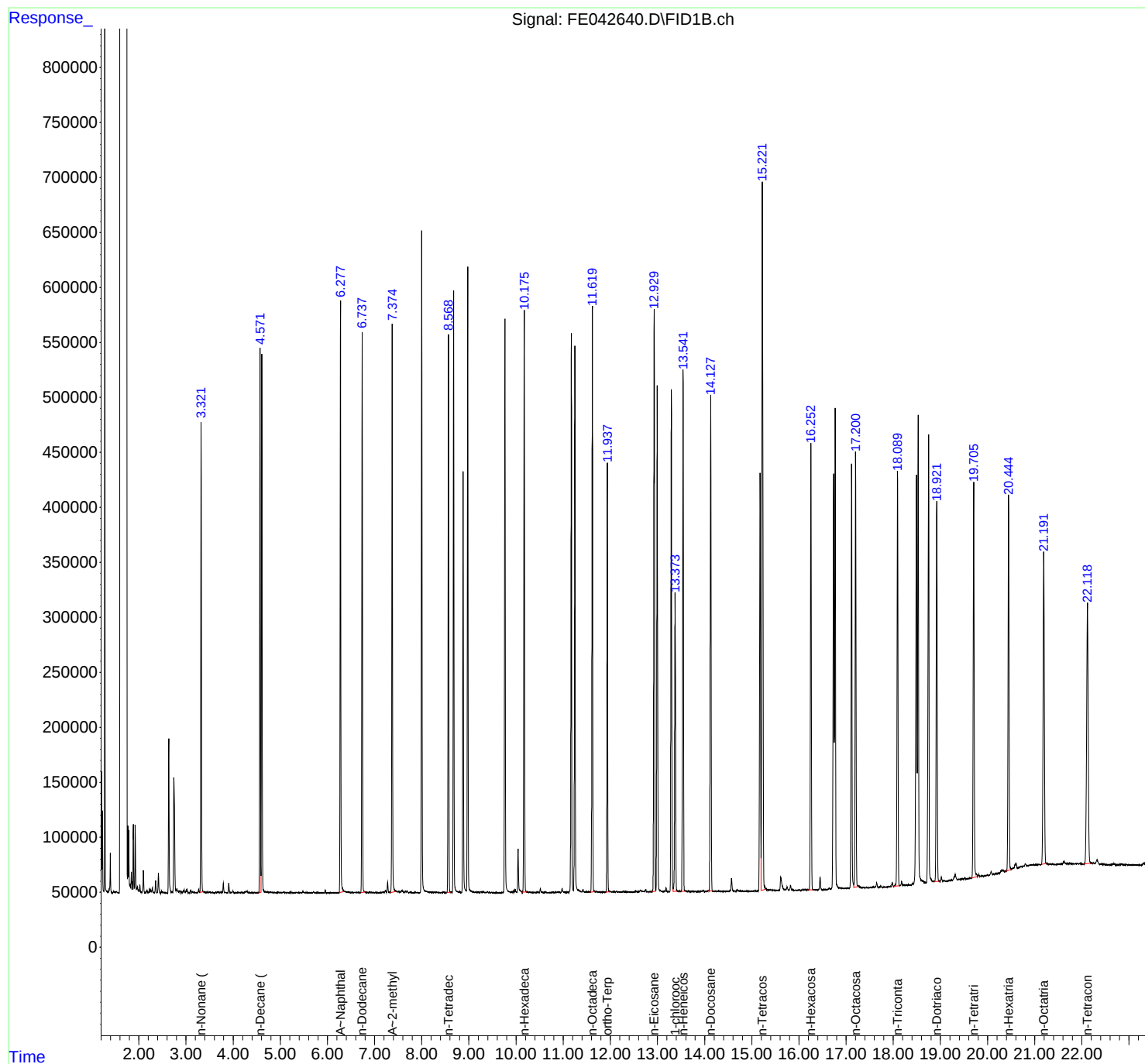
Instrument :  
FID\_E  
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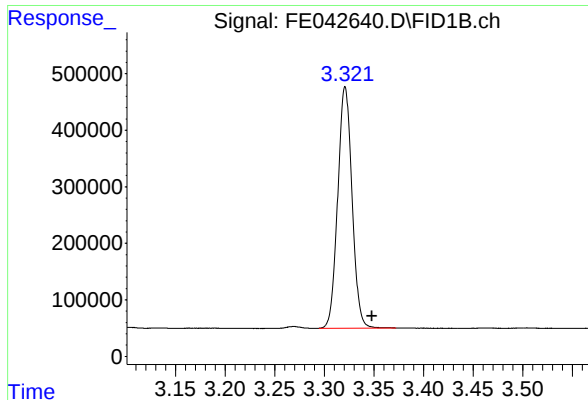
Manual Integrations  
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Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e  
Quant Time: Jun 16 00:50:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.  
Quant Title : GC Extractables  
QLast Update : Thu May 18 06:27:12 2023  
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.: 3.321 min  
Delta R.T.: -0.027 min  
Response: 4280787  
Conc: 29.69 ug/ml

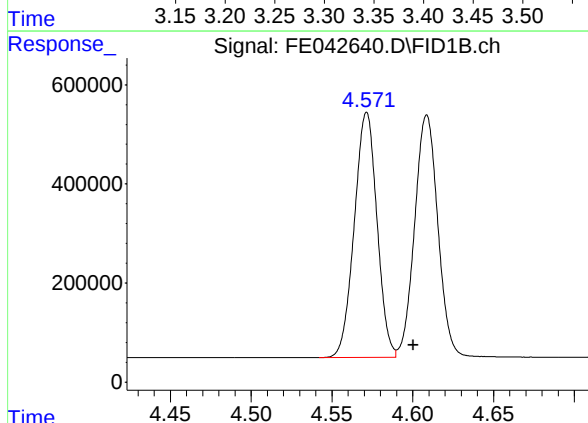
Instrument :

FID\_E

ClientSampleId :  
A-MANHOLEMS

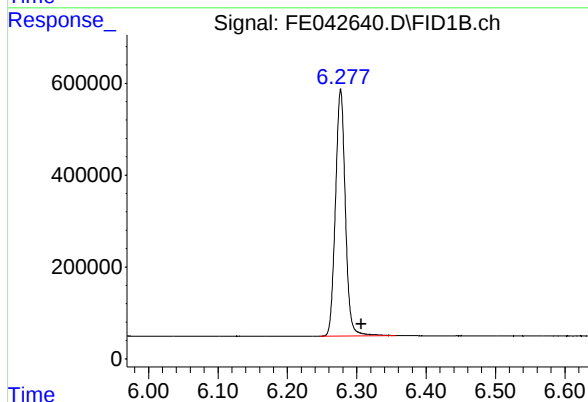
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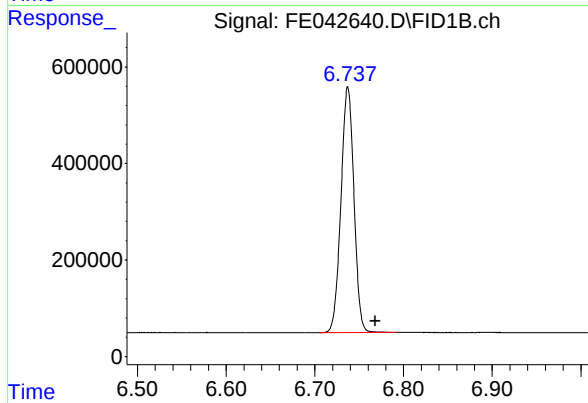
#2 n-Decane (C10)

R.T.: 4.571 min  
Delta R.T.: -0.029 min  
Response: 4839095  
Conc: 32.69 ug/ml m



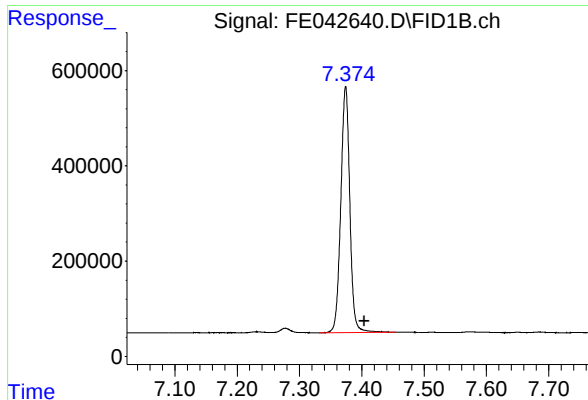
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min  
Delta R.T.: -0.030 min  
Response: 5312772  
Conc: 32.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min  
Delta R.T.: -0.031 min  
Response: 5181058  
Conc: 34.55 ug/ml



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

R.T.: 7.374 min  
Delta R.T.: -0.029 min  
Response: 5208155  
Conc: 32.82 ug/ml

Instrument :

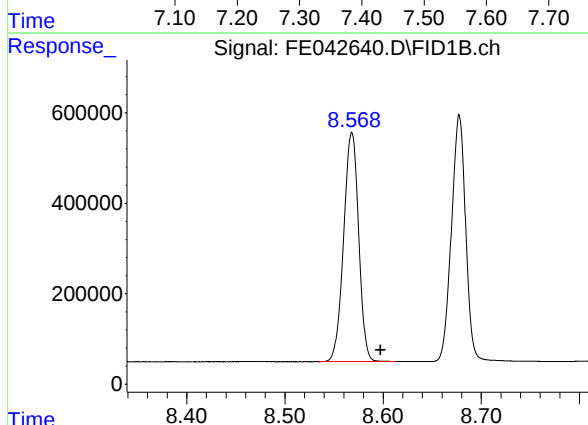
FID\_E

ClientSampleId :

A-MANHOLEMS

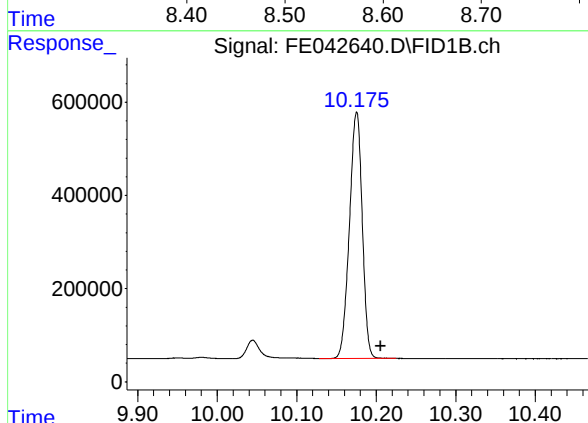
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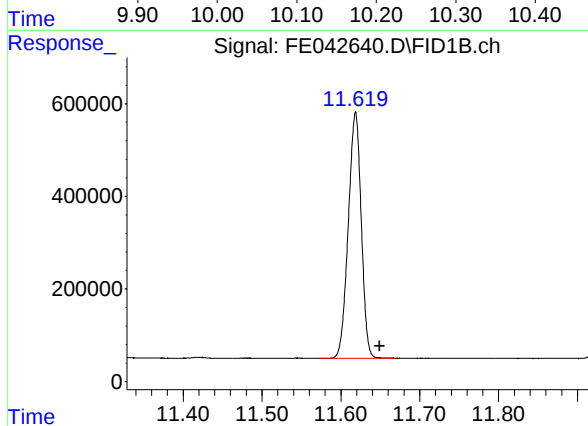
#6 n-Tetradecane (C14)

R.T.: 8.568 min  
Delta R.T.: -0.029 min  
Response: 5375962  
Conc: 35.89 ug/ml



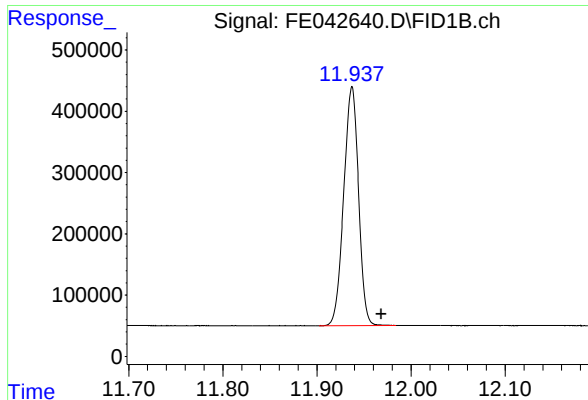
#7 n-Hexadecane (C16)

R.T.: 10.175 min  
Delta R.T.: -0.030 min  
Response: 5921152  
Conc: 38.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min  
Delta R.T.: -0.030 min  
Response: 6072667  
Conc: 38.40 ug/ml



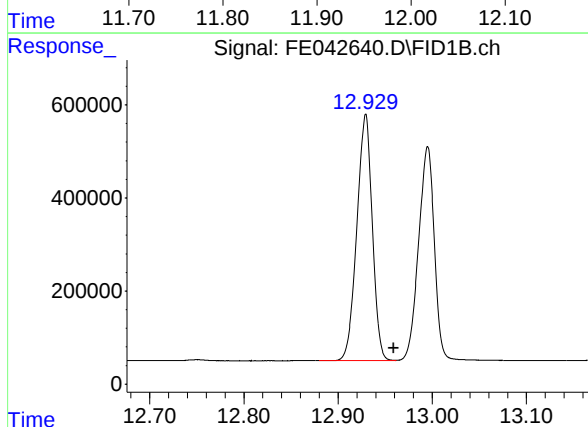
#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min  
Delta R.T.: -0.031 min  
Response: 4261452  
Conc: 24.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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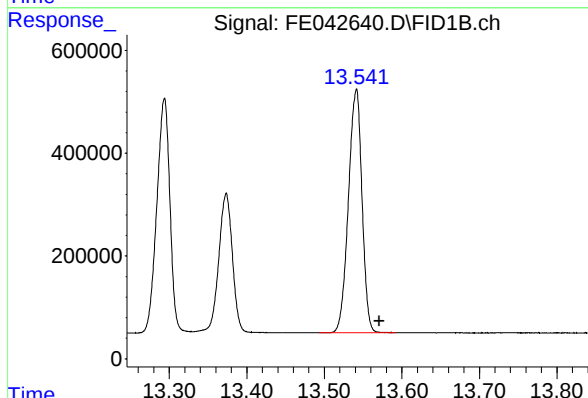
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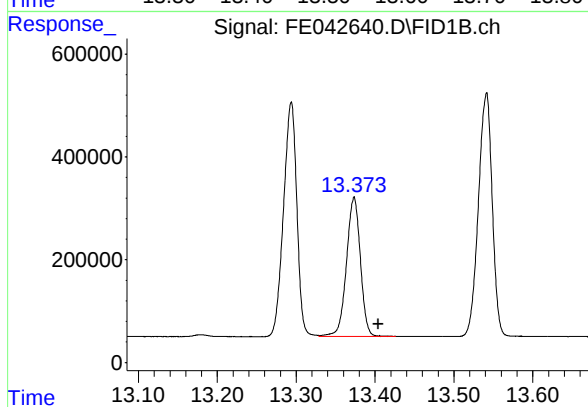
#10 n-Eicosane (C20)

R.T.: 12.929 min  
Delta R.T.: -0.030 min  
Response: 6033179  
Conc: 39.80 ug/ml



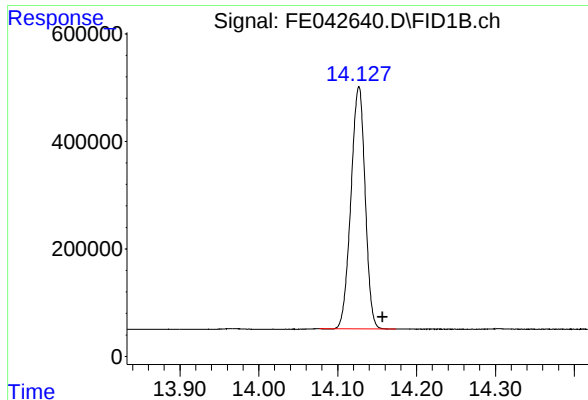
#11 n-Heneicosane (C21)

R.T.: 13.541 min  
Delta R.T.: -0.029 min  
Response: 5760060  
Conc: 38.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min  
Delta R.T.: -0.031 min  
Response: 3328388  
Conc: 25.05 ug/ml



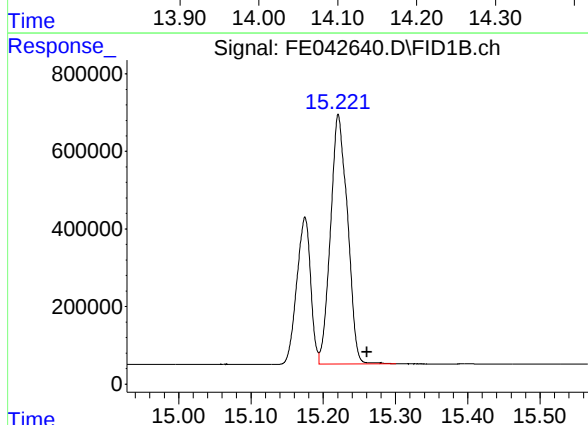
#13 n-Docosane (C22)

R.T.: 14.127 min  
Delta R.T.: -0.030 min  
Response: 5649466  
Conc: 38.54 ug/ml

Instrument :  
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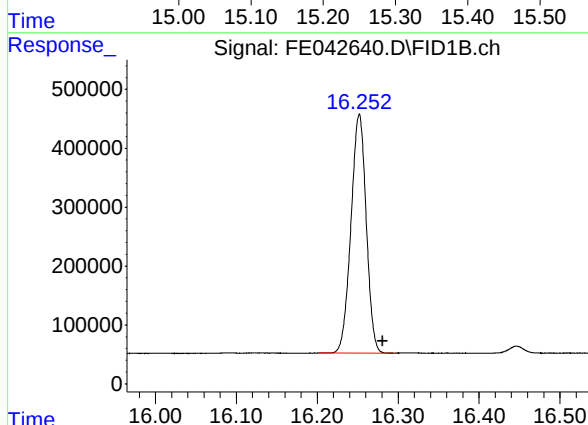
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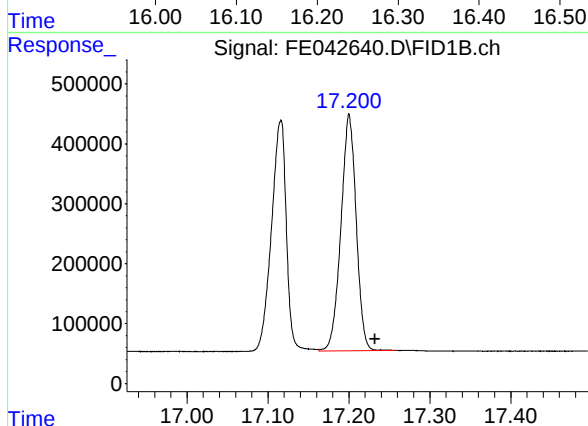
#14 n-Tetracosane (C24)

R.T.: 15.221 min  
Delta R.T.: -0.040 min  
Response: 10471124  
Conc: 72.54 ug/ml



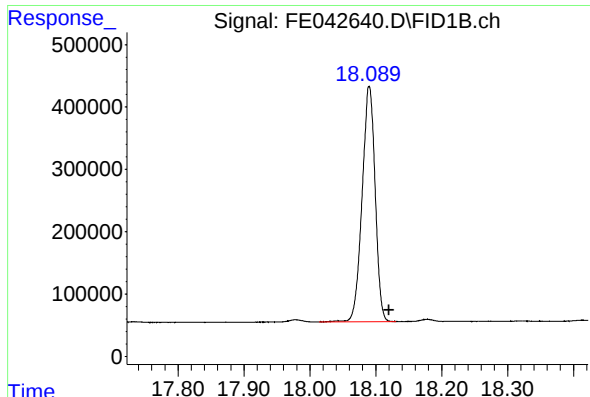
#15 n-Hexacosane (C26)

R.T.: 16.252 min  
Delta R.T.: -0.029 min  
Response: 5315213  
Conc: 38.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min  
Delta R.T.: -0.032 min  
Response: 5172249  
Conc: 38.63 ug/ml



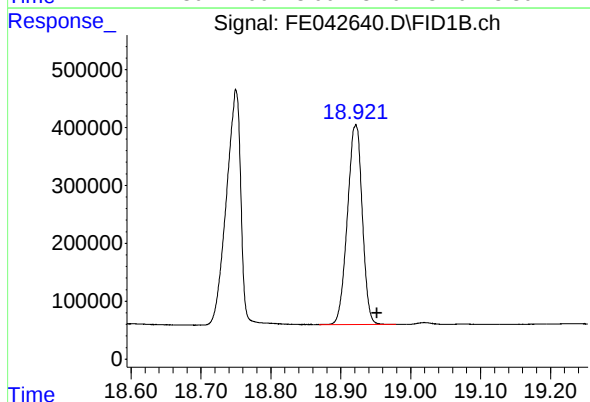
#17 n-Tricontane (C30)

R.T.: 18.090 min  
Delta R.T.: -0.030 min  
Response: 5188414  
Conc: 38.44 ug/ml

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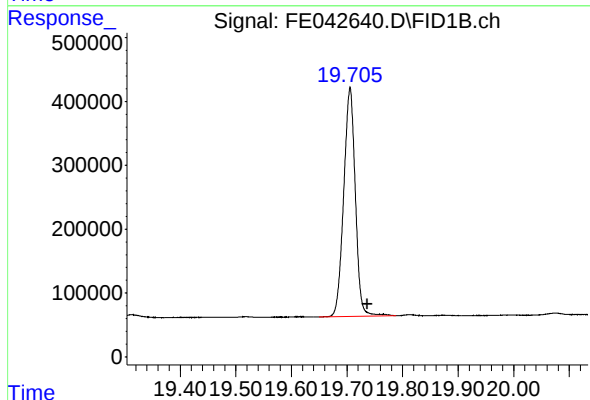
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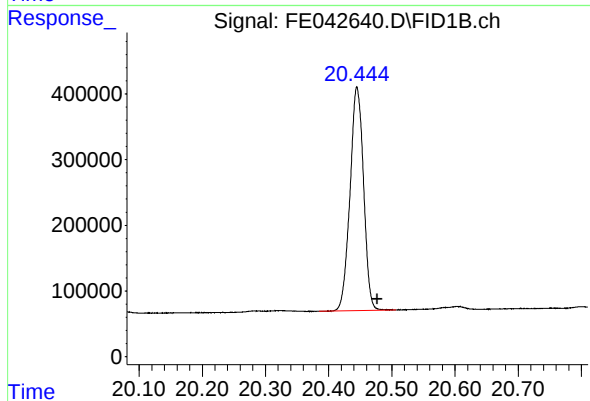
#18 n-Dotriacontane (C32)

R.T.: 18.921 min  
Delta R.T.: -0.030 min  
Response: 5087295  
Conc: 38.08 ug/ml



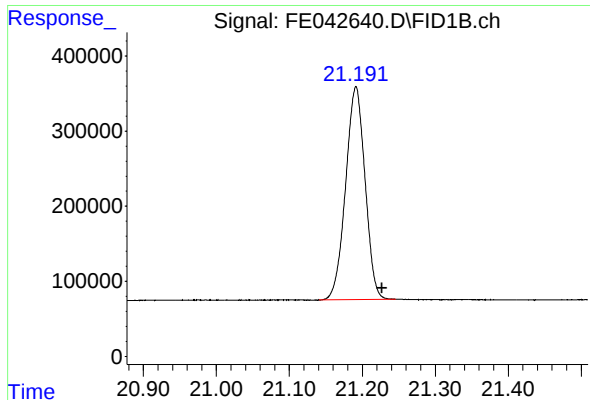
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min  
Delta R.T.: -0.031 min  
Response: 5207927  
Conc: 39.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min  
Delta R.T.: -0.032 min  
Response: 5070000  
Conc: 39.01 ug/ml



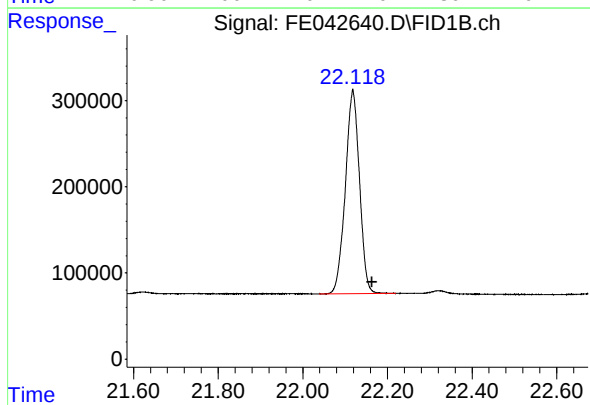
#21 n-Octatriacontane (C38)

R.T.: 21.191 min  
Delta R.T.: -0.036 min  
Response: 5239902  
Conc: 38.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.118 min  
Delta R.T.: -0.045 min  
Response: 5472492  
Conc: 39.34 ug/ml