

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012925AL\  
 Data File : FE052120.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Jan 2025 14:24  
 Operator : YP\AJ  
 Sample : PB166336BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB166336BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e

Quant Time: Jan 30 01:25:28 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 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)    | 12.197 | 4251071    | 29.743 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 59.49%        |
| 12) S 1-chlorooctadecane (S... | 13.611 | 3528867    | 30.762 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 61.52%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.683  | 3834720    | 35.969 ug/ml  |
| 2) T n-Decane (C10)            | 4.907  | 4141866    | 37.833 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.598  | 4921493    | 40.501 ug/ml  |
| 4) T n-Dodecane (C12)          | 7.032  | 4373868    | 38.753 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.677  | 4621091    | 38.708 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.839  | 4566671    | 39.263 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.432 | 4643006    | 36.814 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.865 | 4704425    | 35.557 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.167 | 4838077    | 36.905 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.775 | 4628397    | 35.559 ug/ml  |
| 13) T n-Docosane (C22)         | 14.359 | 4587904    | 34.959 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.462 | 9131985    | 68.749 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.474 | 4386297    | 33.183 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.420 | 4342559    | 32.902 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.306 | 4319256    | 31.680 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.135 | 4221843    | 32.215 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.917 | 4151969    | 36.879 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.654 | 3856082    | 40.598 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.440 | 3694285    | 42.767 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.440 | 3666579    | 44.492 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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Operator : YP\AJ  
Sample : PB166336BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

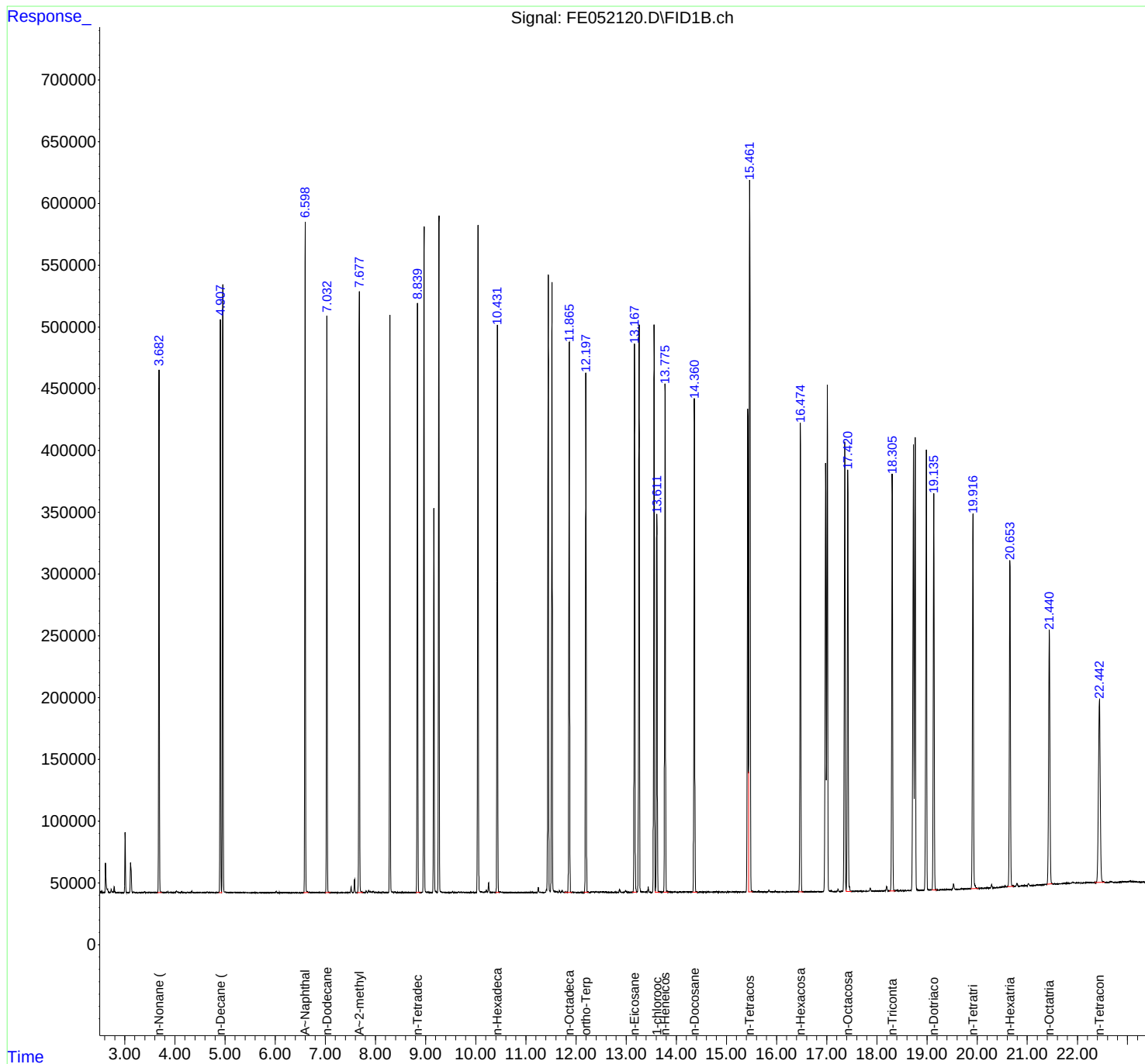
Instrument :  
FID\_E  
ClientSampleId :  
PB166336BS

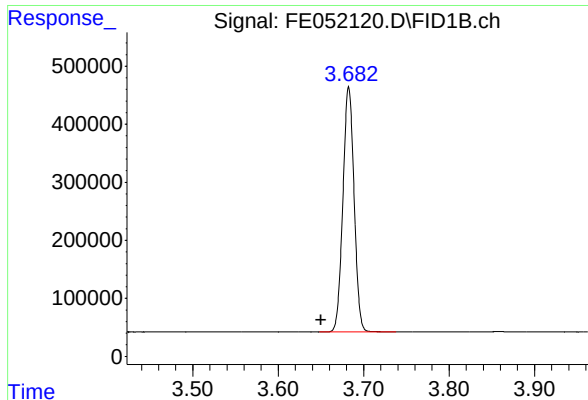
Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e  
Quant Time: Jan 30 01:25:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.  
Quant Title : GC Extractables  
QLast Update : Thu Jan 16 16:05:07 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





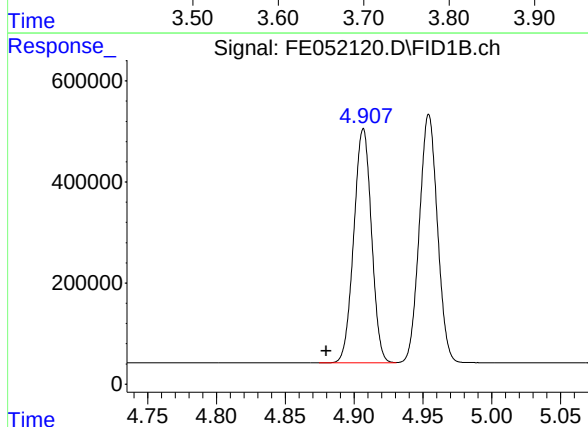
#1 n-Nonane (C9)

R.T.: 3.683 min  
Delta R.T.: 0.033 min  
Response: 3834720  
Conc: 35.97 ug/ml

Instrument :  
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ClientSampleId :  
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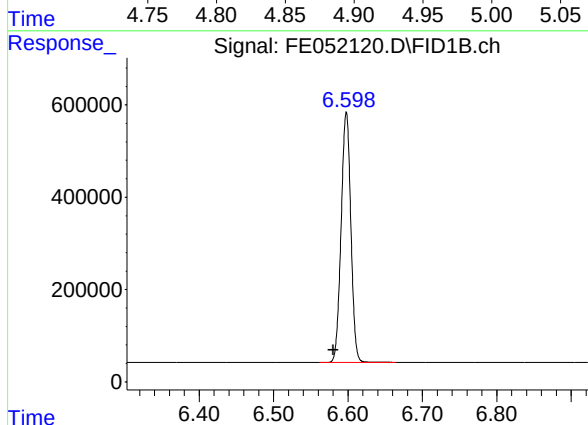
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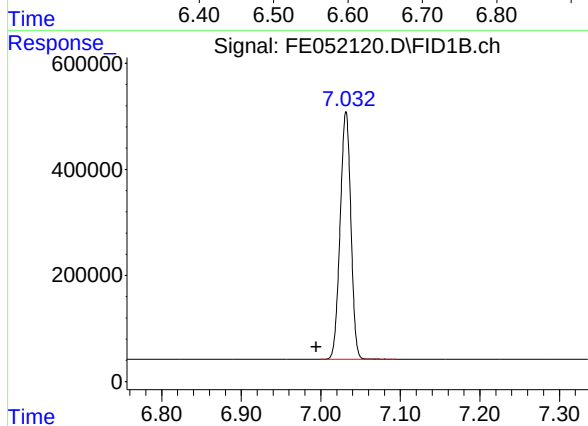
#2 n-Decane (C10)

R.T.: 4.907 min  
Delta R.T.: 0.027 min  
Response: 4141866  
Conc: 37.83 ug/ml



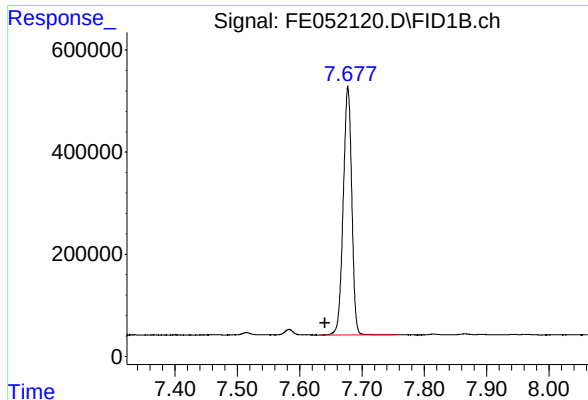
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min  
Delta R.T.: 0.018 min  
Response: 4921493  
Conc: 40.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.032 min  
Delta R.T.: 0.037 min  
Response: 4373868  
Conc: 38.75 ug/ml



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

R.T.: 7.677 min  
Delta R.T.: 0.037 min  
Response: 4621091  
Conc: 38.71 ug/ml

Instrument :

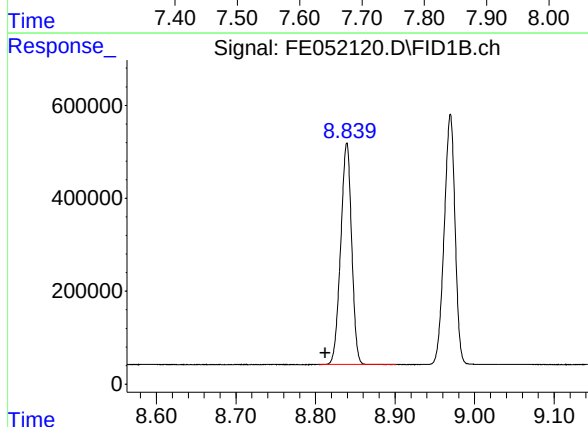
FID\_E

ClientSampleId :

PB166336BS

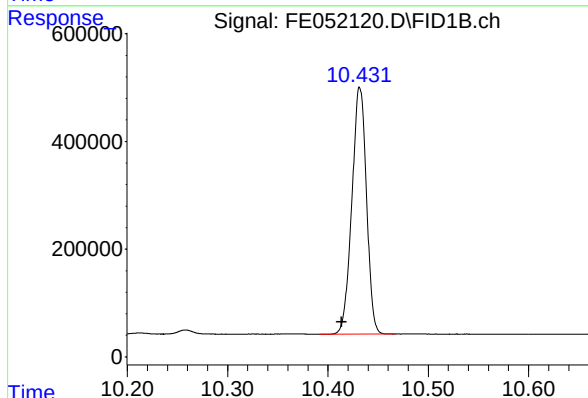
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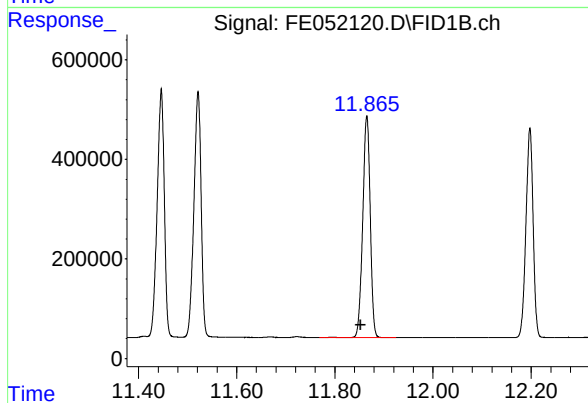
#6 n-Tetradecane (C14)

R.T.: 8.839 min  
Delta R.T.: 0.027 min  
Response: 4566671  
Conc: 39.26 ug/ml



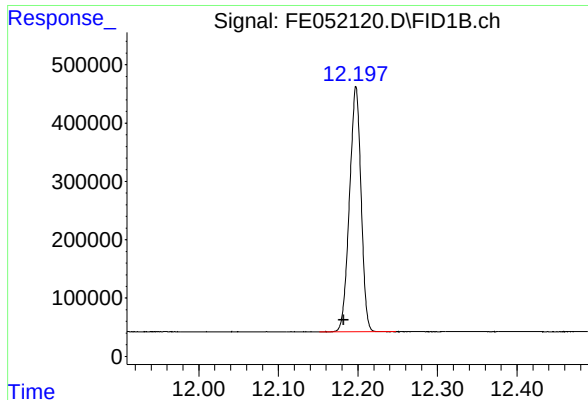
#7 n-Hexadecane (C16)

R.T.: 10.432 min  
Delta R.T.: 0.018 min  
Response: 4643006  
Conc: 36.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.865 min  
Delta R.T.: 0.013 min  
Response: 4704425  
Conc: 35.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.197 min  
Delta R.T.: 0.015 min  
Response: 4251071  
Conc: 29.74 ug/ml

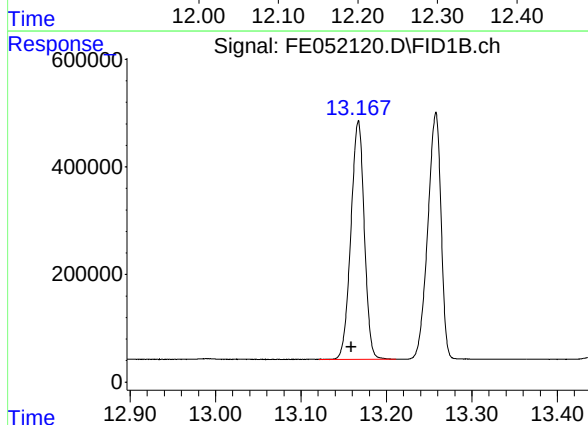
Instrument :

FID\_E

ClientSampleId :  
PB166336BS

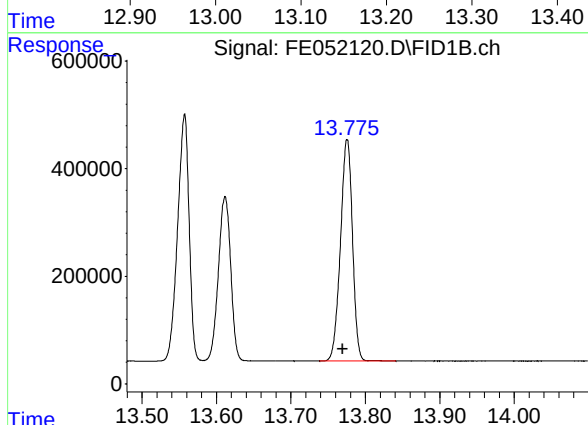
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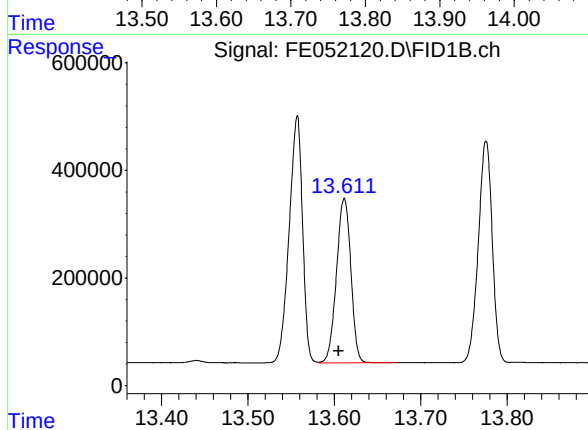
#10 n-Eicosane (C20)

R.T.: 13.167 min  
Delta R.T.: 0.008 min  
Response: 4838077  
Conc: 36.91 ug/ml



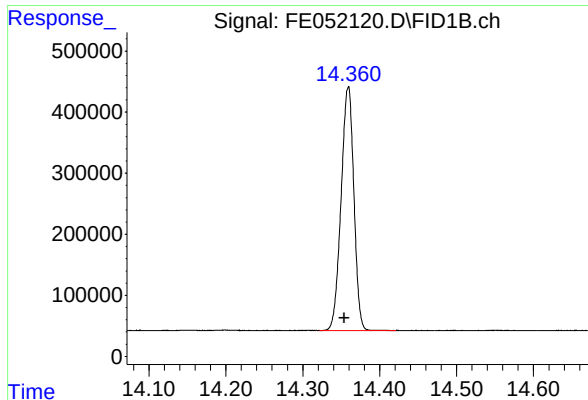
#11 n-Heneicosane (C21)

R.T.: 13.775 min  
Delta R.T.: 0.006 min  
Response: 4628397  
Conc: 35.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.611 min  
Delta R.T.: 0.007 min  
Response: 3528867  
Conc: 30.76 ug/ml



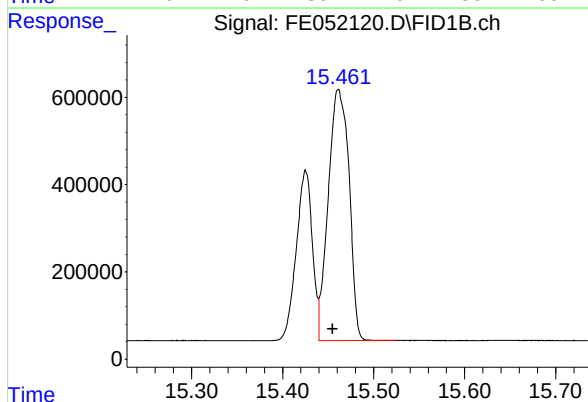
#13 n-Docosane (C22)

R.T.: 14.359 min  
Delta R.T.: 0.005 min  
Response: 4587904  
Conc: 34.96 ug/ml

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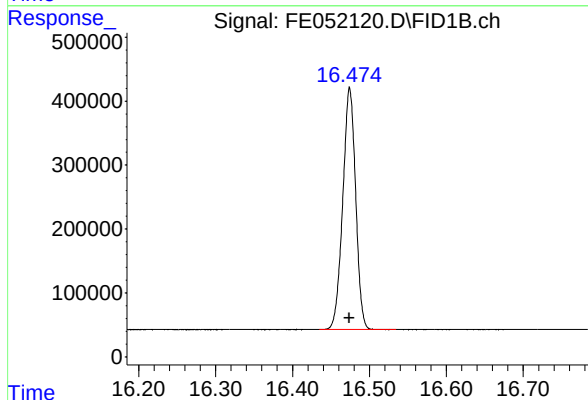
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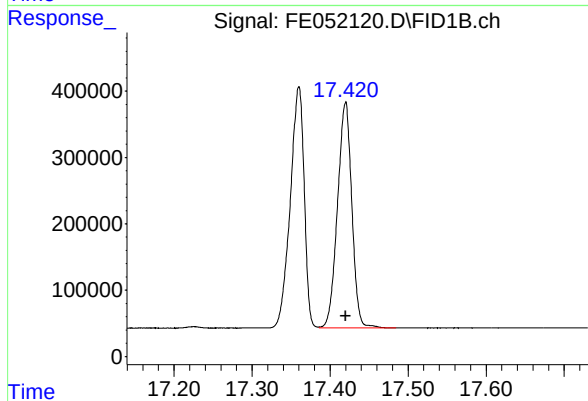
#14 n-Tetracosane (C24)

R.T.: 15.462 min  
Delta R.T.: 0.007 min  
Response: 9131985  
Conc: 68.75 ug/ml



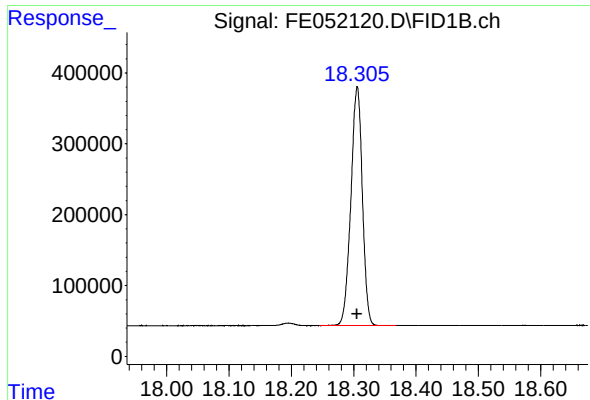
#15 n-Hexacosane (C26)

R.T.: 16.474 min  
Delta R.T.: 0.000 min  
Response: 4386297  
Conc: 33.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.420 min  
Delta R.T.: 0.000 min  
Response: 4342559  
Conc: 32.90 ug/ml



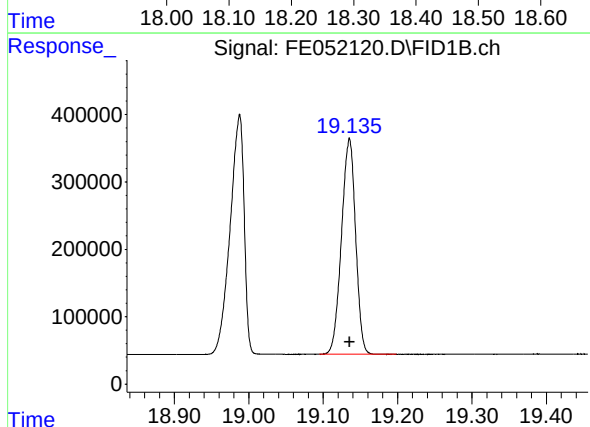
#17 n-Tricontane (C30)

R.T.: 18.306 min  
Delta R.T.: 0.000 min  
Response: 4319256  
Conc: 31.68 ug/ml

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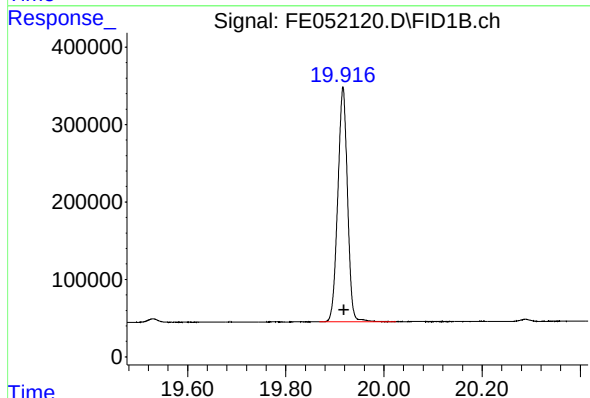
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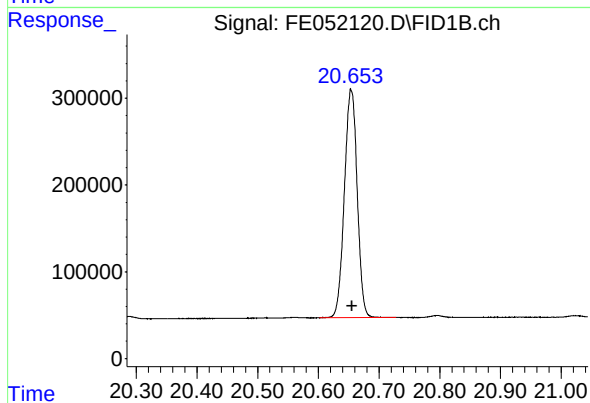
#18 n-Dotriacontane (C32)

R.T.: 19.135 min  
Delta R.T.: 0.000 min  
Response: 4221843  
Conc: 32.21 ug/ml



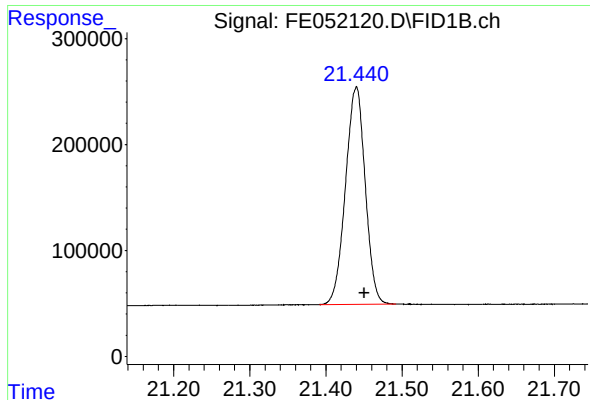
#19 n-Tetratriacontane (C34)

R.T.: 19.917 min  
Delta R.T.: -0.002 min  
Response: 4151969  
Conc: 36.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.654 min  
Delta R.T.: -0.002 min  
Response: 3856082  
Conc: 40.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.440 min  
Delta R.T.: -0.010 min  
Response: 3694285  
Conc: 42.77 ug/ml

Instrument :

FID\_E

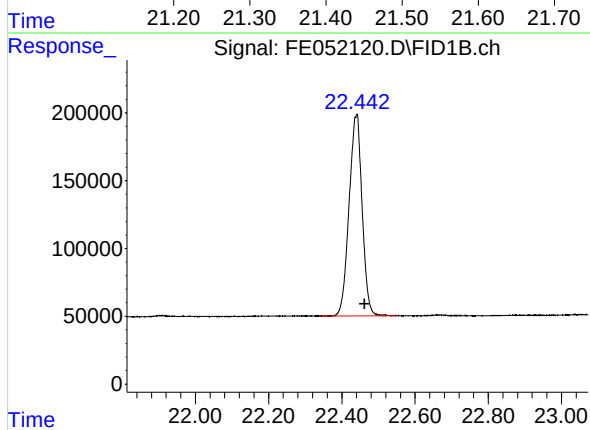
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#22 n-Tetracontane (C40)

R.T.: 22.440 min  
Delta R.T.: -0.022 min  
Response: 3666579  
Conc: 44.49 ug/ml