

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101023AL\  
 Data File : FE044758.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Oct 2023 14:16  
 Operator : YP\AJ  
 Sample : PB156256BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB156256BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023  
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e  
 Quant Time: Oct 11 03:13:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 25 11:06:21 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)    | 11.920 | 11479613   | 61.147 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 122.29%        |
| 12) S 1-chlorooctadecane (S... | 13.361 | 9063402    | 66.621 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 133.24%        |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.306  | 5856721    | 36.074 ug/ml   |
| 2) T n-Decane (C10)            | 4.554  | 6413550    | 38.732 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 6.253  | 7523946    | 42.083 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.717  | 7194149    | 43.252 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.349  | 7839216    | 45.820 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.547  | 8162829    | 49.723 ug/ml   |
| 7) T n-Hexadecane (C16)        | 10.156 | 8870096    | 52.360 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.603 | 9080778    | 53.483 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.915 | 9091315    | 56.507 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.529 | 8718319    | 55.678 ug/ml   |
| 13) T n-Docosane (C22)         | 14.115 | 8606488    | 55.802 ug/ml   |
| 14) T n-Tetracosane (C24)      | 15.204 | 16557109   | 109.529 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.246 | 8140839    | 55.344 ug/ml   |
| 16) T n-Octacosane (C28)       | 17.194 | 8048128    | 56.115 ug/ml   |
| 17) T n-Tricontane (C30)       | 18.086 | 7878907    | 53.152 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.919 | 7725221    | 52.185 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.704 | 7530861    | 51.531 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.444 | 6934834    | 47.809 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 21.185 | 6620732    | 44.200 ug/ml   |
| 22) T n-Tetracontane (C40)     | 22.109 | 6437579    | 40.793 ug/ml   |
| -----                          |        |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 10 Oct 2023 14:16  
Operator : YP\AJ  
Sample : PB156256BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

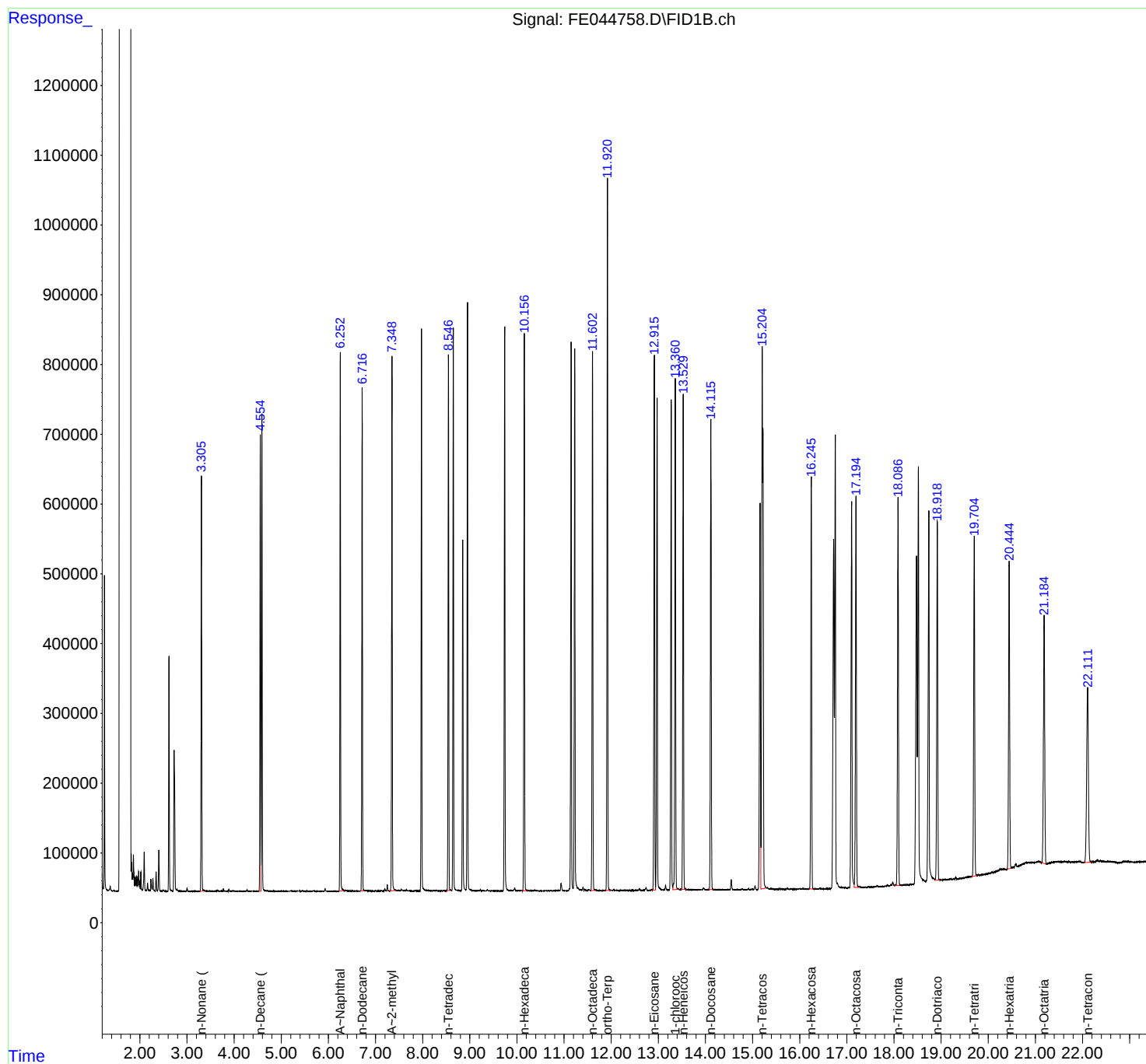
Instrument :  
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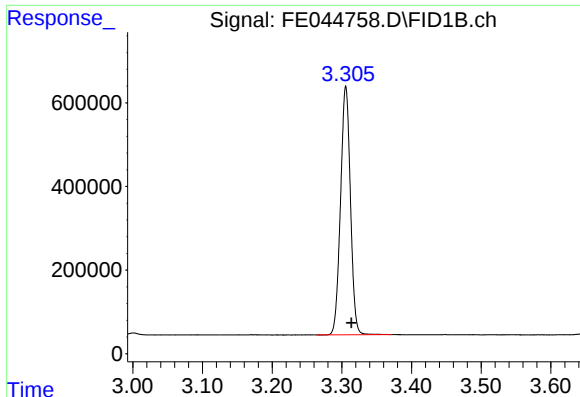
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Quant Title : GC Extractables  
QLast Update : Mon Sep 25 11:06:21 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.306 min  
Delta R.T.: -0.008 min  
Response: 5856721  
Conc: 36.07 ug/ml

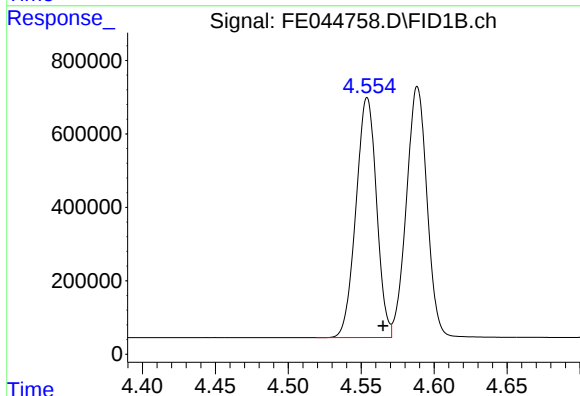
Instrument :

FID\_E

ClientSampleId :  
PB156256BS

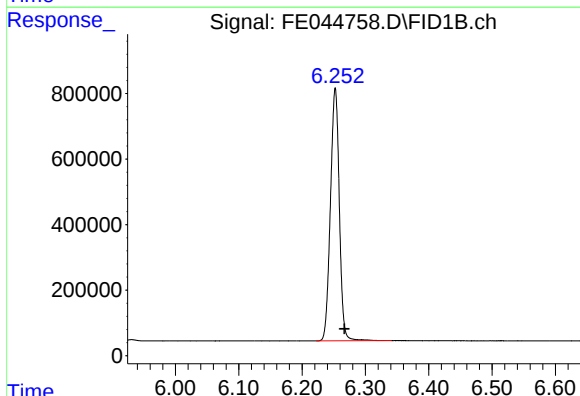
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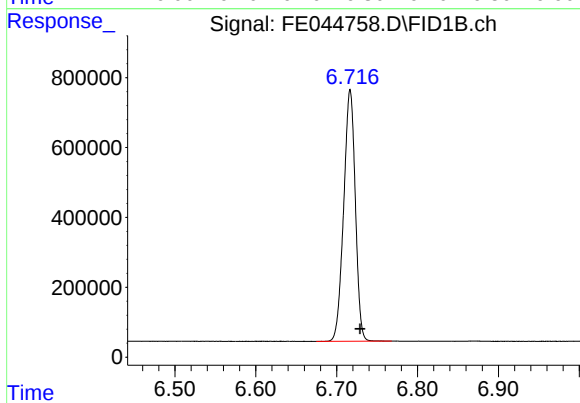
#2 n-Decane (C10)

R.T.: 4.554 min  
Delta R.T.: -0.011 min  
Response: 6413550  
Conc: 38.73 ug/ml



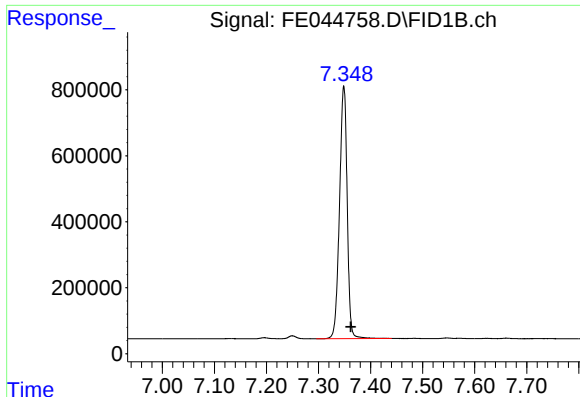
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min  
Delta R.T.: -0.014 min  
Response: 7523946  
Conc: 42.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min  
Delta R.T.: -0.012 min  
Response: 7194149  
Conc: 43.25 ug/ml



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

R.T.: 7.349 min  
Delta R.T.: -0.013 min  
Response: 7839216  
Conc: 45.82 ug/ml

Instrument :

FID\_E

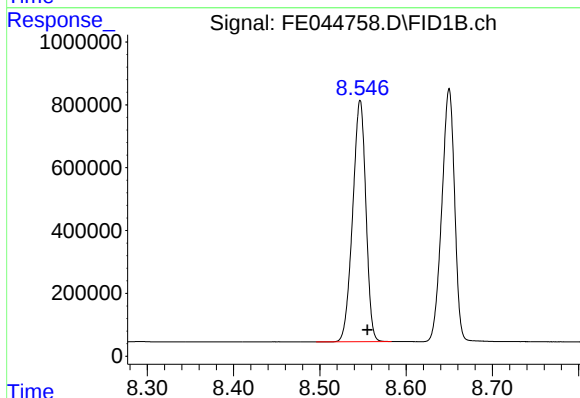
ClientSampleId :

PB156256BS

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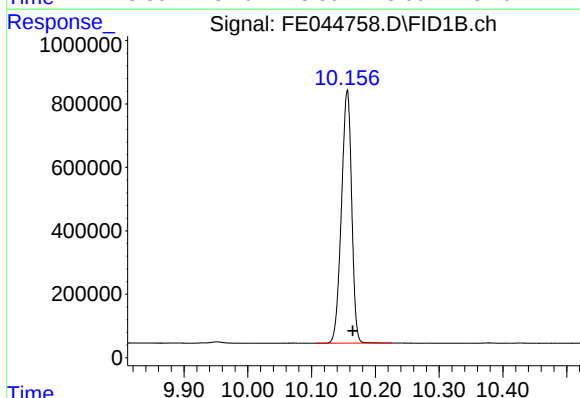
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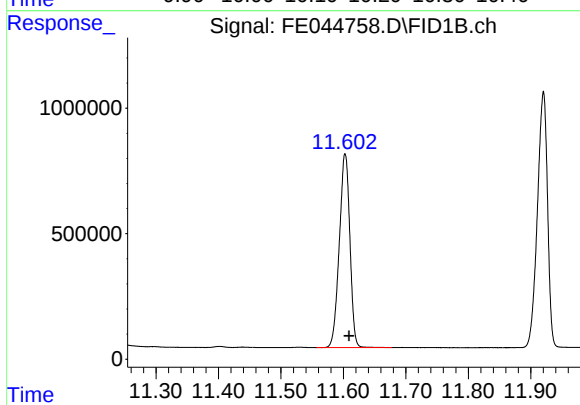
#6 n-Tetradecane (C14)

R.T.: 8.547 min  
Delta R.T.: -0.008 min  
Response: 8162829  
Conc: 49.72 ug/ml



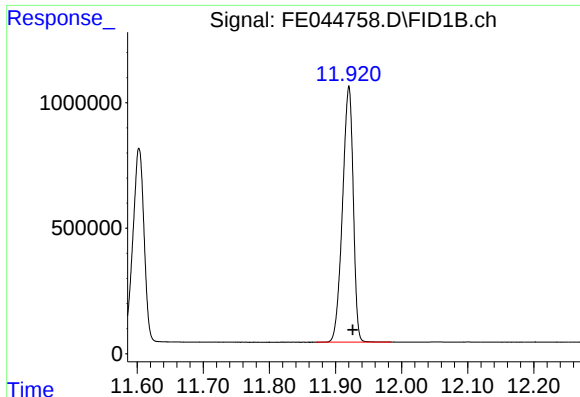
#7 n-Hexadecane (C16)

R.T.: 10.156 min  
Delta R.T.: -0.009 min  
Response: 8870096  
Conc: 52.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min  
Delta R.T.: -0.007 min  
Response: 9080778  
Conc: 53.48 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min  
Delta R.T.: -0.006 min  
Response: 11479613  
Conc: 61.15 ug/ml

Instrument :

FID\_E

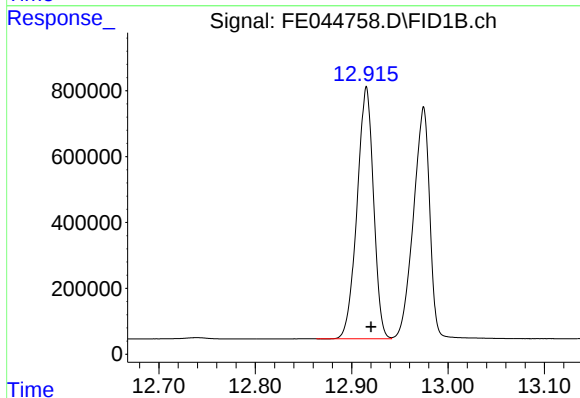
ClientSampleId :

PB156256BS

Manual Integrations

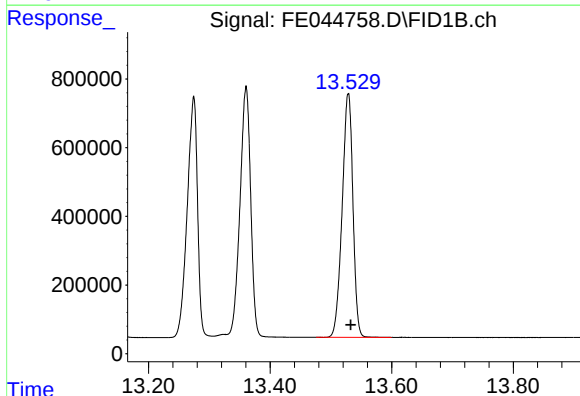
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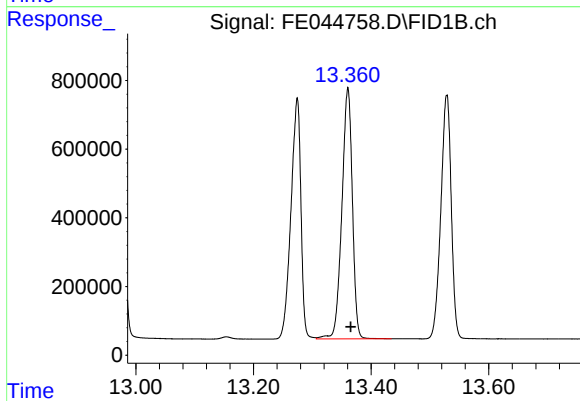
#10 n-Eicosane (C20)

R.T.: 12.915 min  
Delta R.T.: -0.005 min  
Response: 9091315  
Conc: 56.51 ug/ml



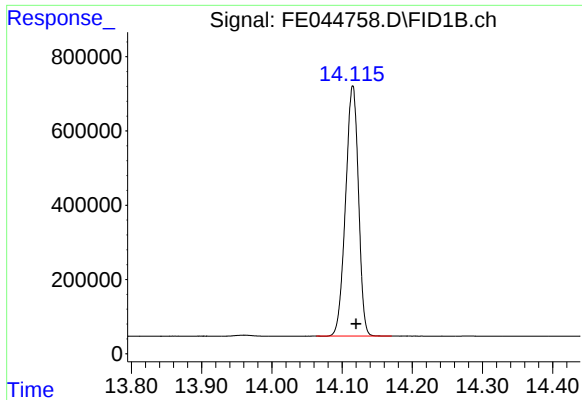
#11 n-Heneicosane (C21)

R.T.: 13.529 min  
Delta R.T.: -0.004 min  
Response: 8718319  
Conc: 55.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min  
Delta R.T.: -0.005 min  
Response: 9063402  
Conc: 66.62 ug/ml



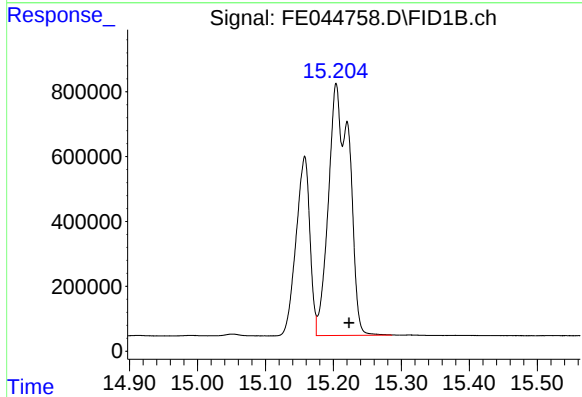
#13 n-Docosane (C22)

R.T.: 14.115 min  
Delta R.T.: -0.005 min  
Response: 8606488  
Conc: 55.80 ug/ml

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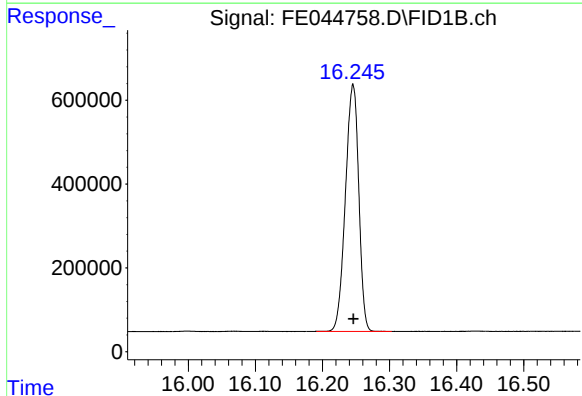
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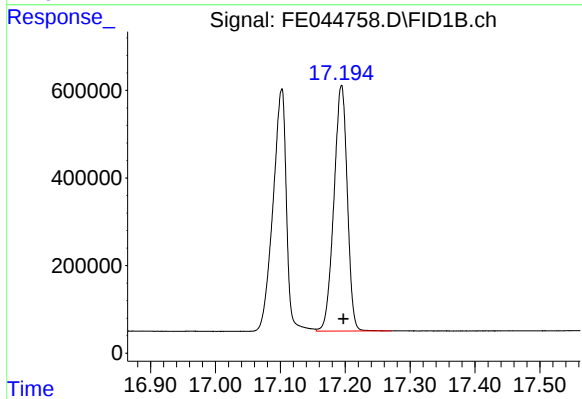
#14 n-Tetracosane (C24)

R.T.: 15.204 min  
Delta R.T.: -0.020 min  
Response: 16557109  
Conc: 109.53 ug/ml m



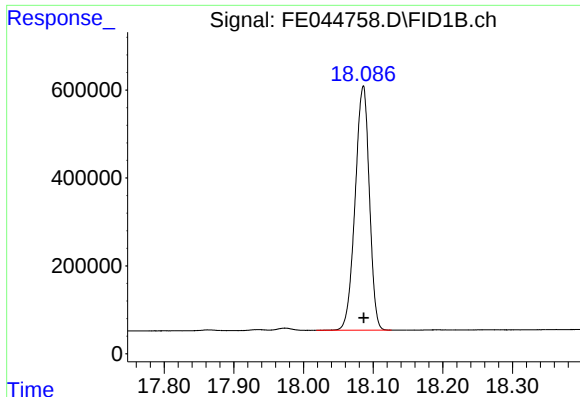
#15 n-Hexacosane (C26)

R.T.: 16.246 min  
Delta R.T.: 0.000 min  
Response: 8140839  
Conc: 55.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min  
Delta R.T.: -0.003 min  
Response: 8048128  
Conc: 56.11 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min  
Delta R.T.: 0.000 min  
Response: 7878907  
Conc: 53.15 ug/ml

Instrument :

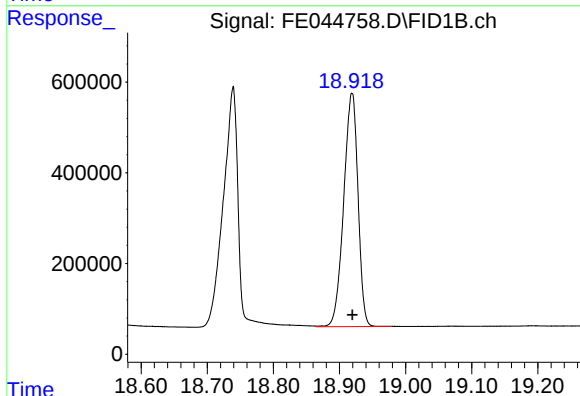
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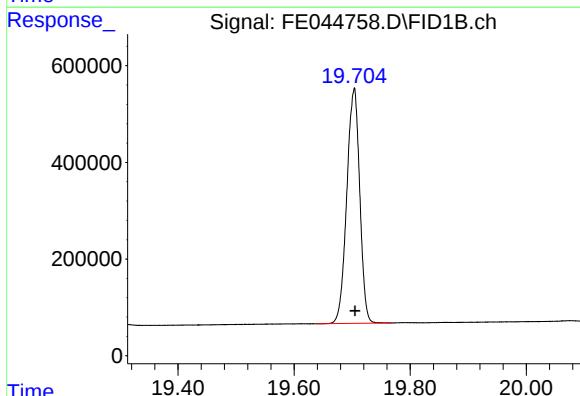
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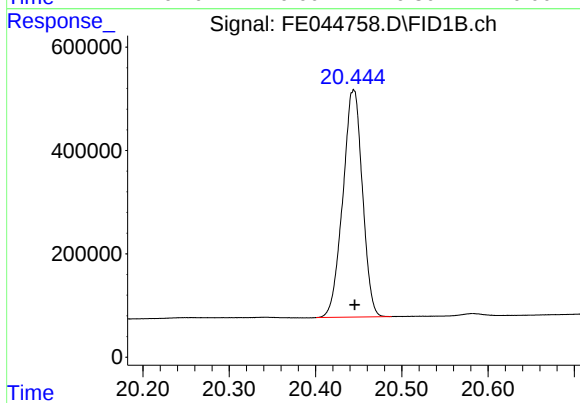
#18 n-Dotriacontane (C32)

R.T.: 18.919 min  
Delta R.T.: 0.000 min  
Response: 7725221  
Conc: 52.18 ug/ml



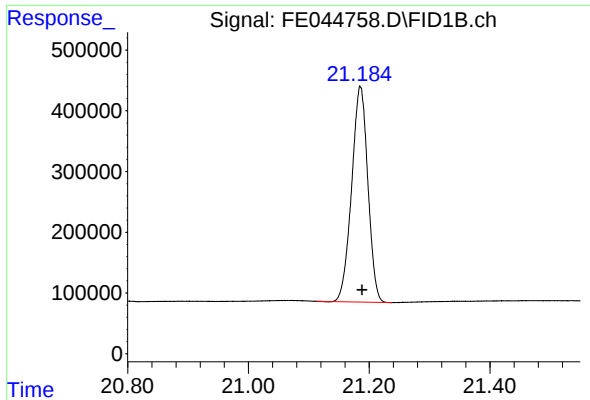
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min  
Delta R.T.: -0.001 min  
Response: 7530861  
Conc: 51.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min  
Delta R.T.: -0.001 min  
Response: 6934834  
Conc: 47.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min  
Delta R.T.: -0.003 min  
Response: 6620732  
Conc: 44.20 ug/ml

Instrument :

FID\_E

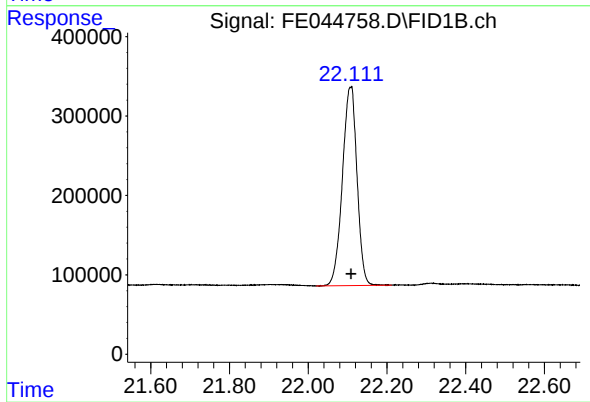
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#22 n-Tetracontane (C40)

R.T.: 22.109 min  
Delta R.T.: 0.000 min  
Response: 6437579  
Conc: 40.79 ug/ml