

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101822AL\  
 Data File : FE038210.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Oct 2022 15:05  
 Operator : YP\AJ  
 Sample : PB148408BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB148408BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022  
 Supervised By :Ankita Jodhani 10/19/2022

Integration File: sample.E  
 Quant Time: Oct 19 06:04:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092822.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 28 06:23:29 2022  
 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)    | 11.603 | 6310826    | 36.487 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 72.97%        |
| 12) S 1-chlorooctadecane (S... | 13.025 | 5567160    | 41.189 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 82.38%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.003  | 5487507    | 37.259 ug/ml  |
| 2) T n-Decane (C10)            | 4.256  | 5443775    | 36.820 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.970  | 5573701    | 40.701 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.424  | 5845972    | 38.364 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.064  | 5515315    | 41.498 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.245  | 6023105    | 39.353 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.843  | 6226693    | 39.864 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.278 | 6447787    | 40.198 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.582 | 6204823    | 38.050 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.189 | 6109771    | 37.081 ug/ml  |
| 13) T n-Docosane (C22)         | 13.772 | 5995998    | 36.425 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.873 | 11741802   | 71.594 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.886 | 5634156    | 34.552 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.831 | 6873657    | 42.907 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.718 | 5420983    | 33.876 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.544 | 5690428    | 36.137 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.324 | 5422195    | 36.598 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.061 | 5300551    | 36.767 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.758 | 5429830    | 40.013 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.529 | 5695622    | 44.744 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

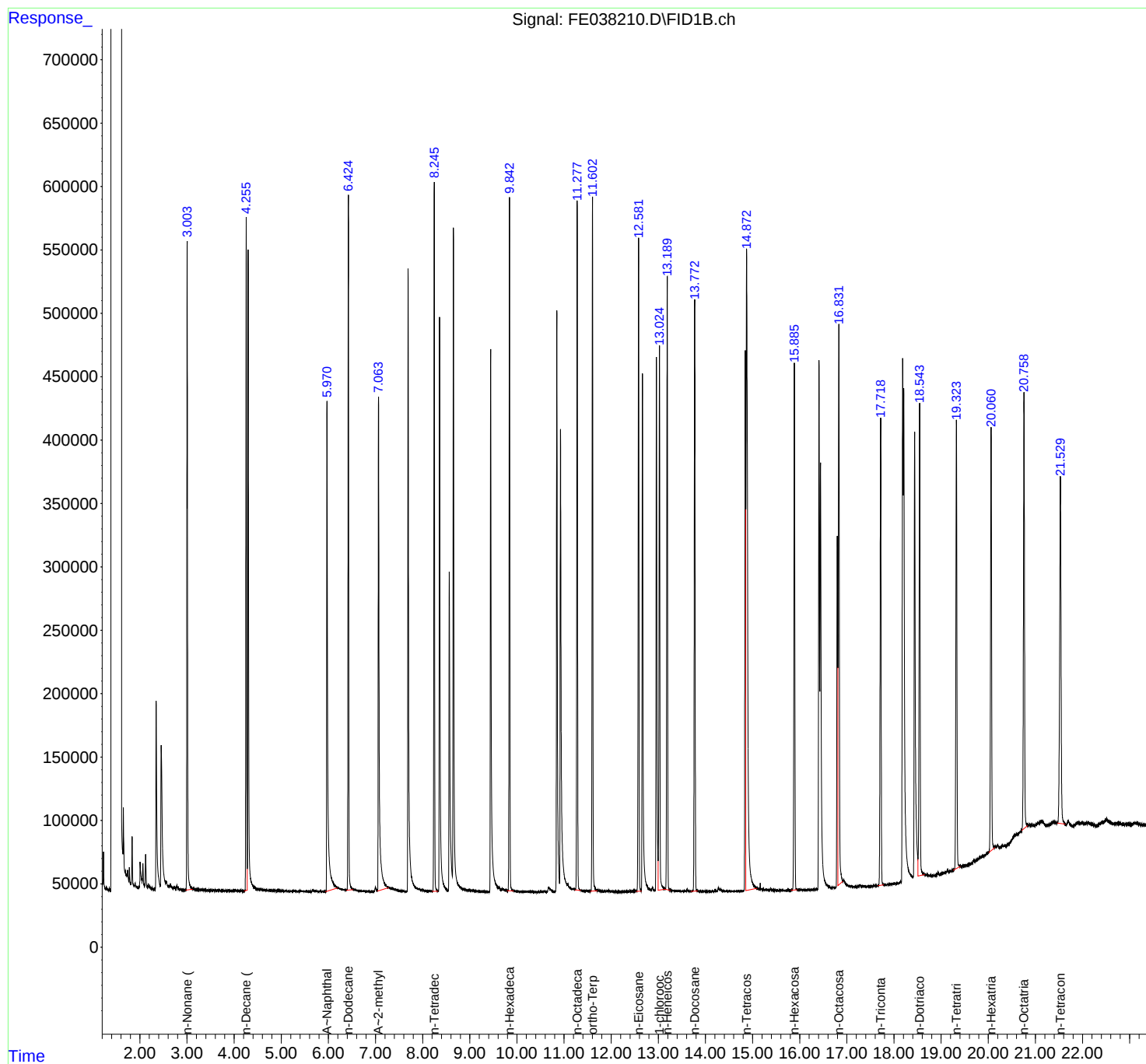
Instrument :  
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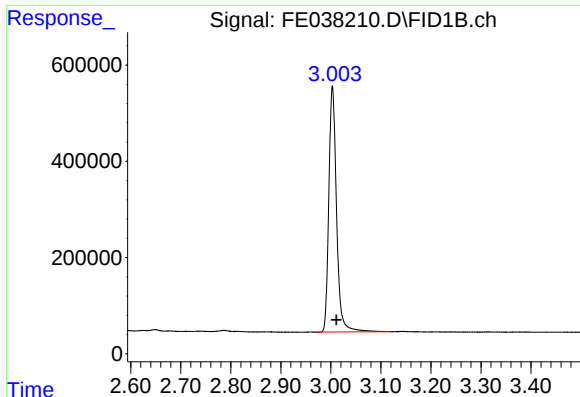
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.003 min  
Delta R.T.: -0.008 min  
Response: 5487507  
Conc: 37.26 ug/ml

Instrument :

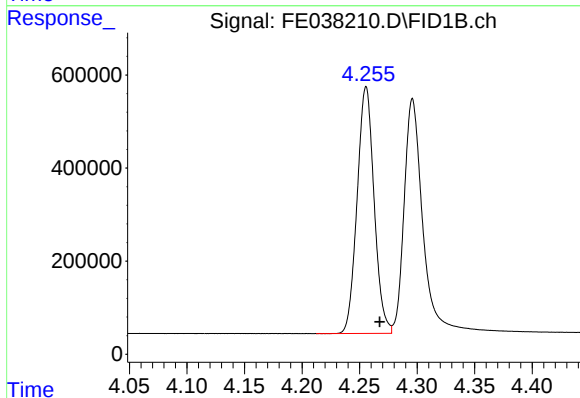
FID\_E

ClientSampleId :

PB148408BS

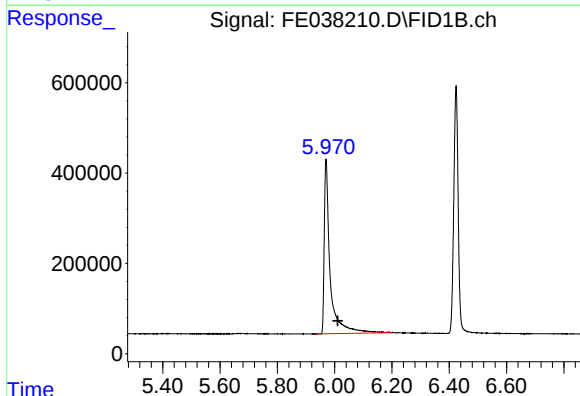
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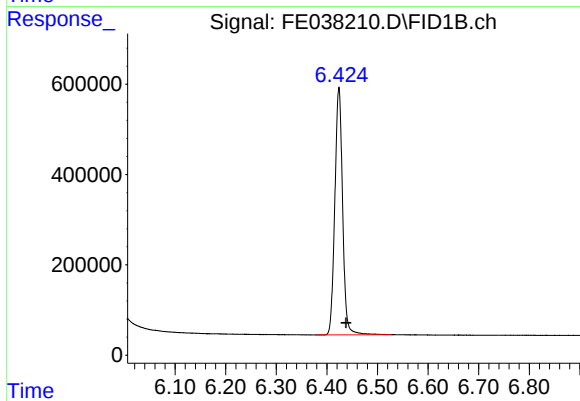
#2 n-Decane (C10)

R.T.: 4.256 min  
Delta R.T.: -0.012 min  
Response: 5443775  
Conc: 36.82 ug/ml



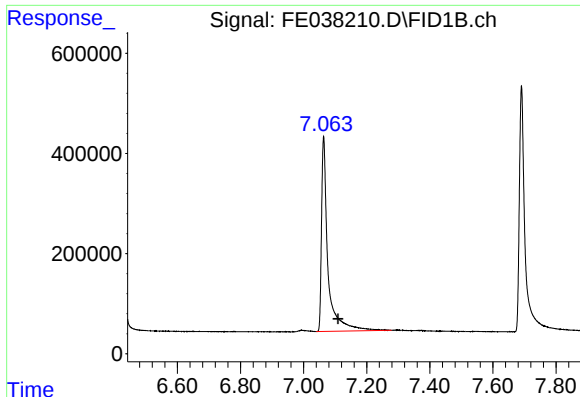
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min  
Delta R.T.: -0.041 min  
Response: 5573701  
Conc: 40.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.424 min  
Delta R.T.: -0.014 min  
Response: 5845972  
Conc: 38.36 ug/ml



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

R.T.: 7.064 min  
Delta R.T.: -0.046 min  
Response: 5515315  
Conc: 41.50 ug/ml

Instrument :

FID\_E

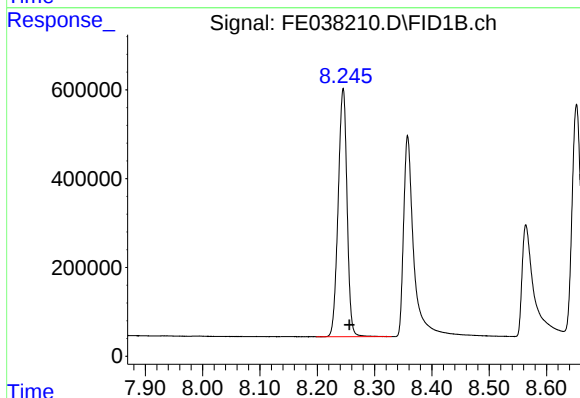
ClientSampleId :

PB148408BS

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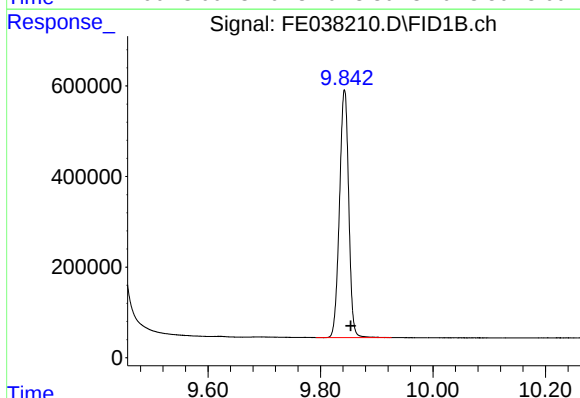
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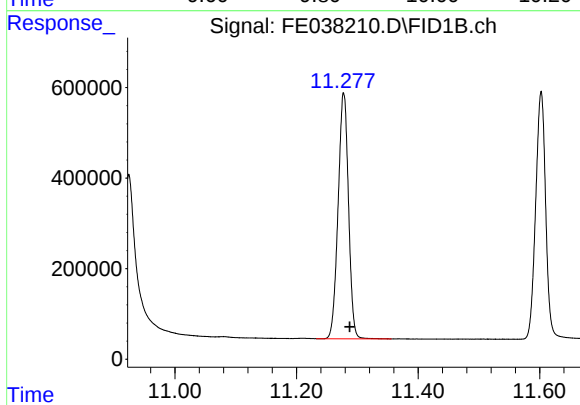
#6 n-Tetradecane (C14)

R.T.: 8.245 min  
Delta R.T.: -0.011 min  
Response: 6023105  
Conc: 39.35 ug/ml



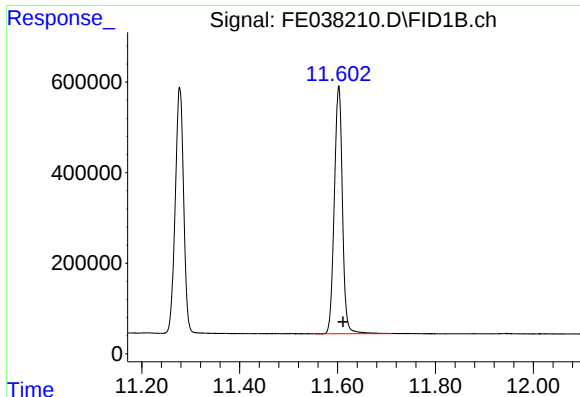
#7 n-Hexadecane (C16)

R.T.: 9.843 min  
Delta R.T.: -0.011 min  
Response: 6226693  
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min  
Delta R.T.: -0.010 min  
Response: 6447787  
Conc: 40.20 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min  
Delta R.T.: -0.009 min  
Response: 6310826  
Conc: 36.49 ug/ml

Instrument :

FID\_E

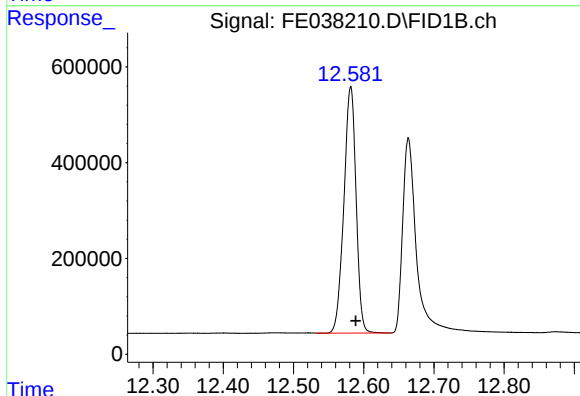
ClientSampleId :

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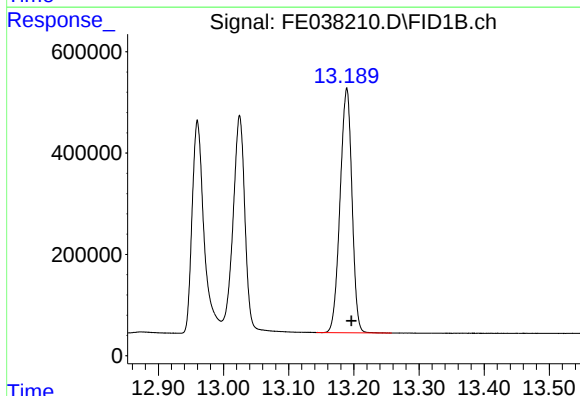
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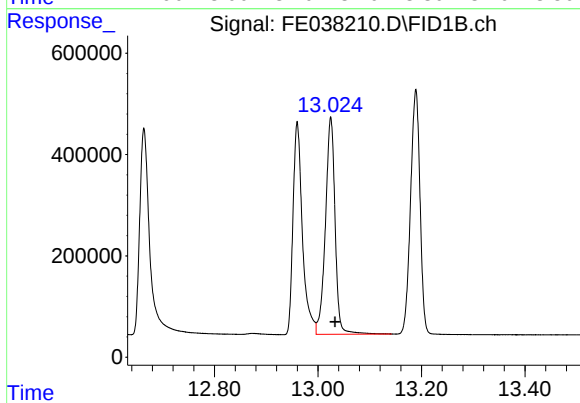
#10 n-Eicosane (C20)

R.T.: 12.582 min  
Delta R.T.: -0.007 min  
Response: 6204823  
Conc: 38.05 ug/ml



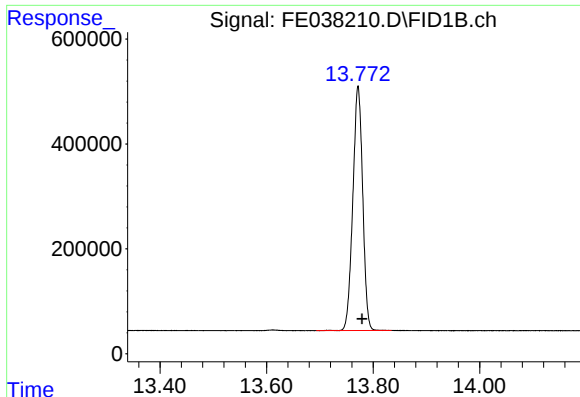
#11 n-Heneicosane (C21)

R.T.: 13.189 min  
Delta R.T.: -0.007 min  
Response: 6109771  
Conc: 37.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min  
Delta R.T.: -0.008 min  
Response: 5567160  
Conc: 41.19 ug/ml



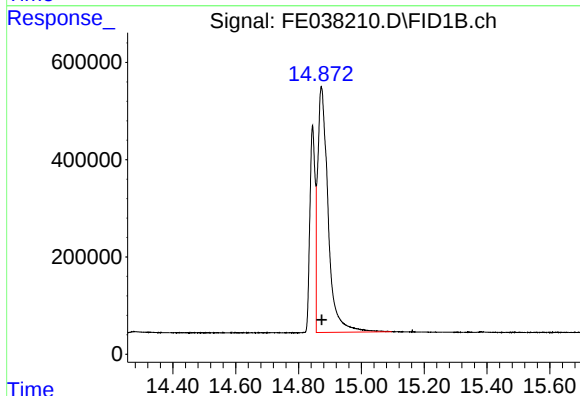
#13 n-Docosane (C22)

R.T.: 13.772 min  
Delta R.T.: -0.008 min  
Response: 5995998  
Conc: 36.42 ug/ml

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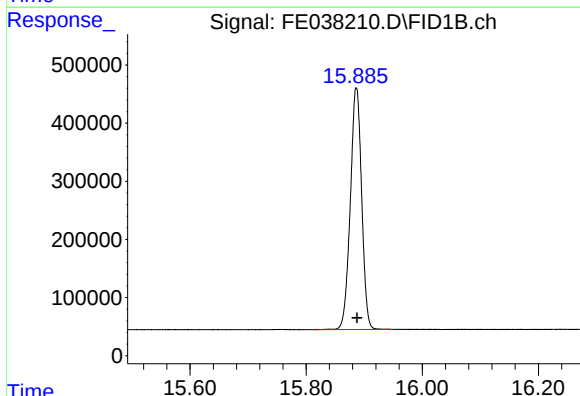
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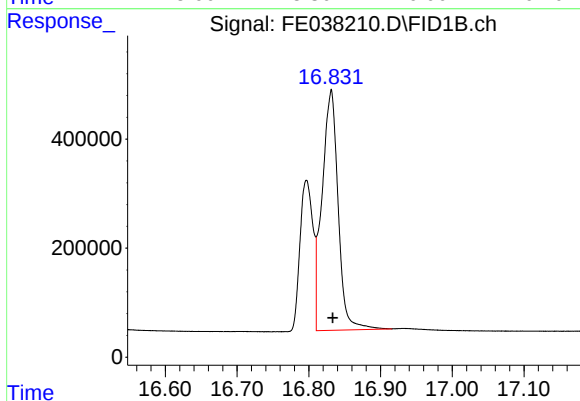
#14 n-Tetracosane (C24)

R.T.: 14.873 min  
Delta R.T.: -0.001 min  
Response: 11741802  
Conc: 71.59 ug/ml



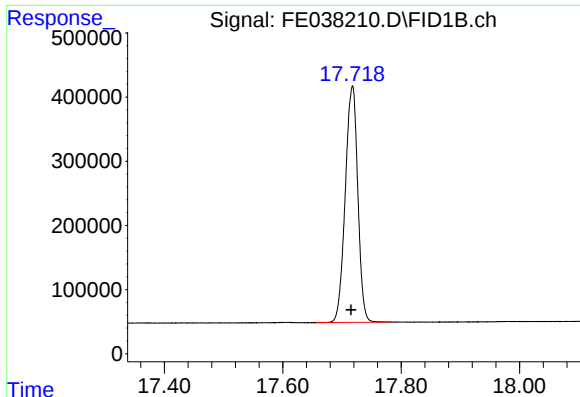
#15 n-Hexacosane (C26)

R.T.: 15.886 min  
Delta R.T.: -0.001 min  
Response: 5634156  
Conc: 34.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.831 min  
Delta R.T.: -0.002 min  
Response: 6873657  
Conc: 42.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.718 min  
Delta R.T.: 0.002 min  
Response: 5420983  
Conc: 33.88 ug/ml

Instrument :

FID\_E

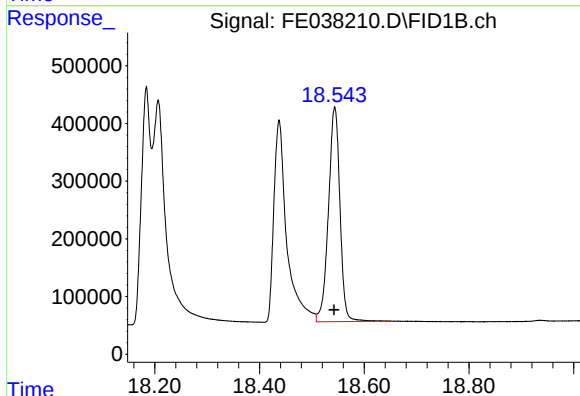
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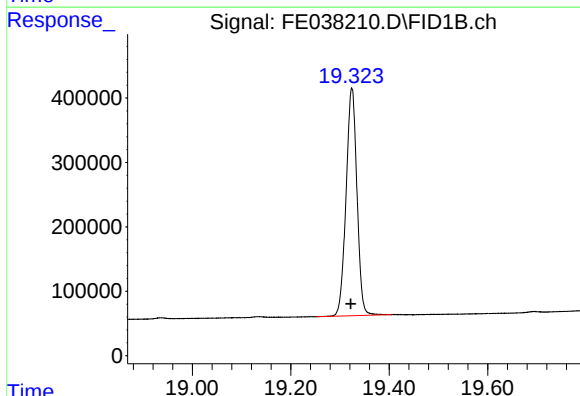
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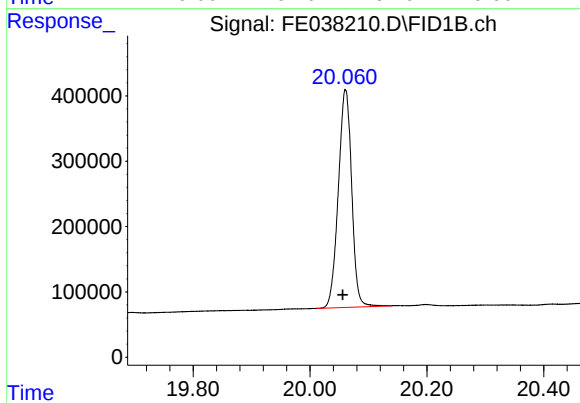
#18 n-Dotriacontane (C32)

R.T.: 18.544 min  
Delta R.T.: 0.001 min  
Response: 5690428  
Conc: 36.14 ug/ml



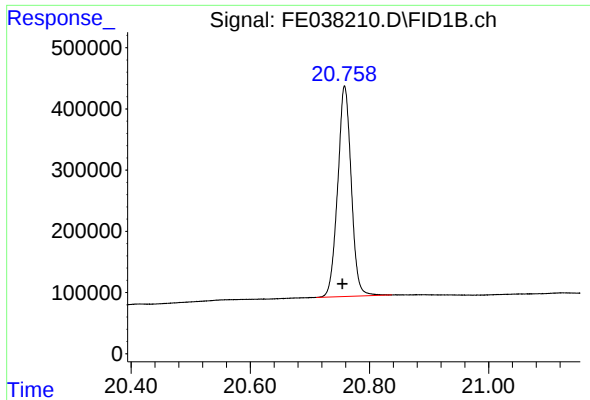
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min  
Delta R.T.: 0.002 min  
Response: 5422195  
Conc: 36.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.061 min  
Delta R.T.: 0.005 min  
Response: 5300551  
Conc: 36.77 ug/ml



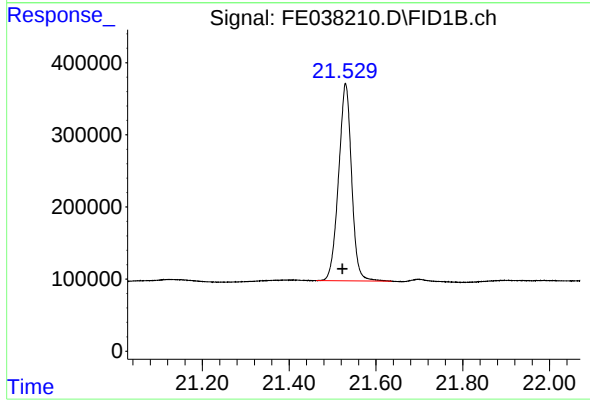
#21 n-Octatriacontane (C38)

R.T.: 20.758 min  
Delta R.T.: 0.004 min  
Response: 5429830  
Conc: 40.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.529 min  
Delta R.T.: 0.006 min  
Response: 5695622  
Conc: 44.74 ug/ml m