

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110222AL\  
 Data File : FE038506.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Nov 2022 17:16  
 Operator : YP\AJ  
 Sample : PB148743BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB148743BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/03/2022  
 Supervised By :Ankita Jodhani 11/03/2022

Integration File: autoint1.e  
 Quant Time: Nov 03 04:24:00 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 26 04:49:29 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)    | 11.968 | 7044736    | 40.941 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 81.88%        |
| 12) S 1-chlorooctadecane (S... | 13.400 | 5599348    | 40.901 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 81.80%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.369  | 4598700    | 29.859 ug/ml  |
| 2) T n-Decane (C10)            | 4.615  | 5334625    | 34.368 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.315  | 6316569    | 37.298 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.775  | 5988142    | 38.332 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.408  | 6158014    | 36.746 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.601  | 5993484    | 38.324 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.207 | 6179038    | 39.110 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.647 | 6268376    | 39.133 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.956 | 5987991    | 37.163 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.566 | 5872453    | 36.354 ug/ml  |
| 13) T n-Docosane (C22)         | 14.152 | 5839611    | 36.172 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.242 | 11123427   | 69.349 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.274 | 5540318    | 34.881 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.221 | 5488249    | 34.981 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.106 | 5304113    | 33.243 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.937 | 5307487    | 33.662 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.721 | 5121969    | 34.743 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.459 | 4644402    | 32.505 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.200 | 4420226    | 32.727 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.123 | 4286953    | 33.962 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB148743BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

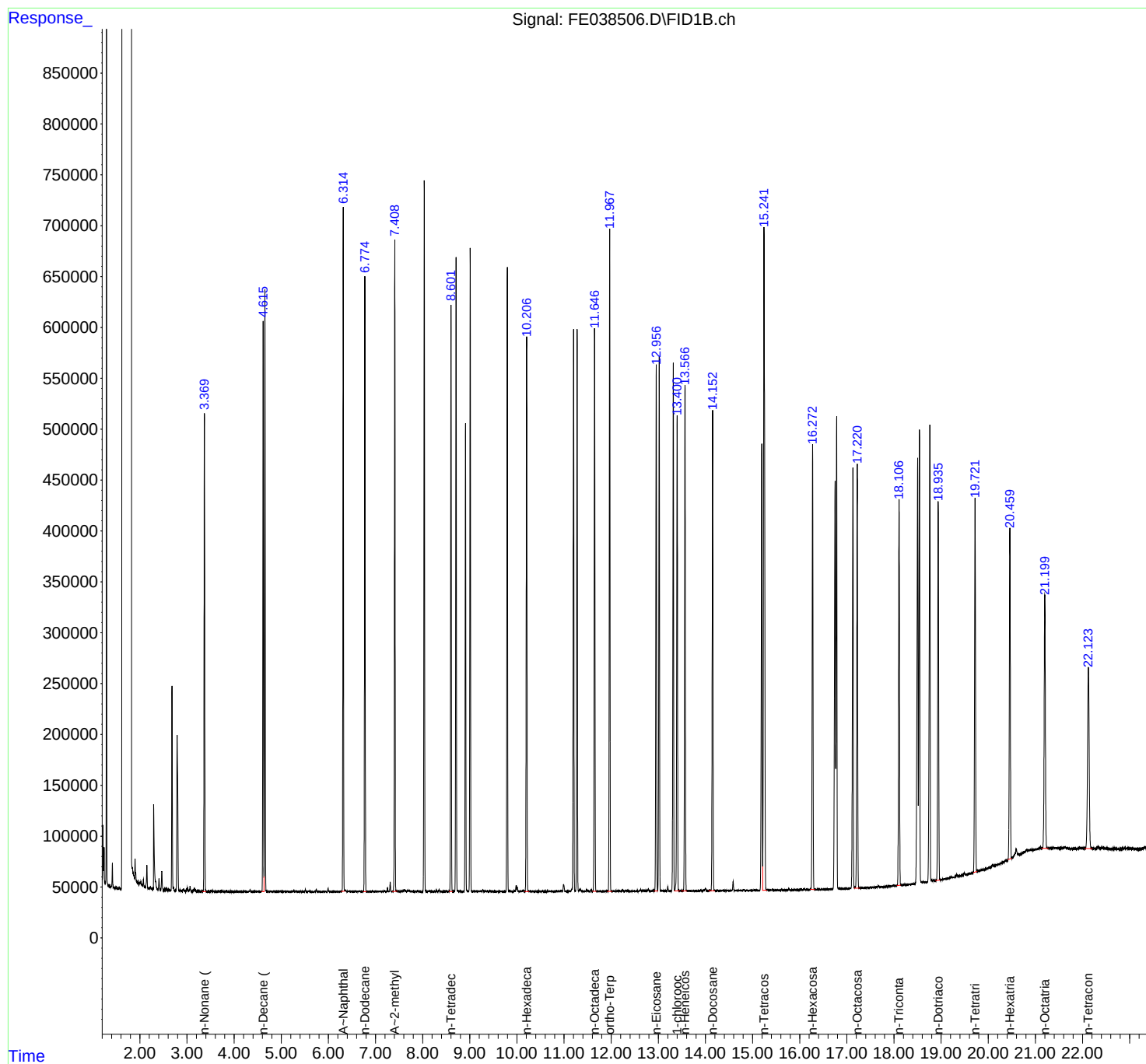
Instrument :  
FID\_E  
ClientSampleId :  
PB148743BSD

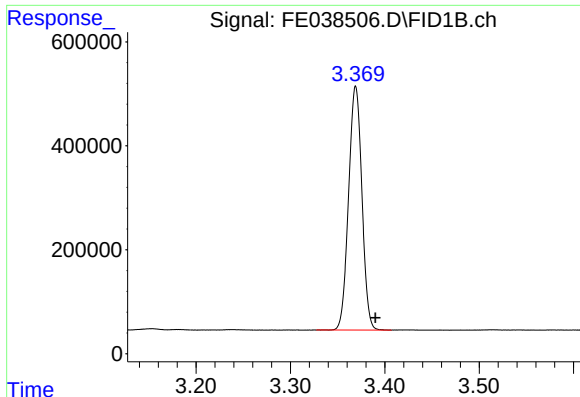
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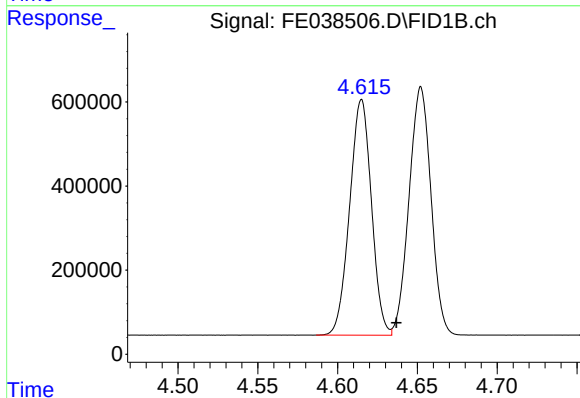
#1 n-Nonane (C9)

R.T.: 3.369 min  
Delta R.T.: -0.021 min  
Response: 4598700  
Conc: 29.86 ug/ml

Instrument :  
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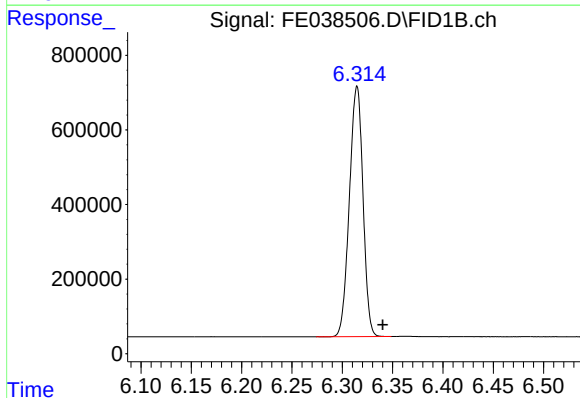
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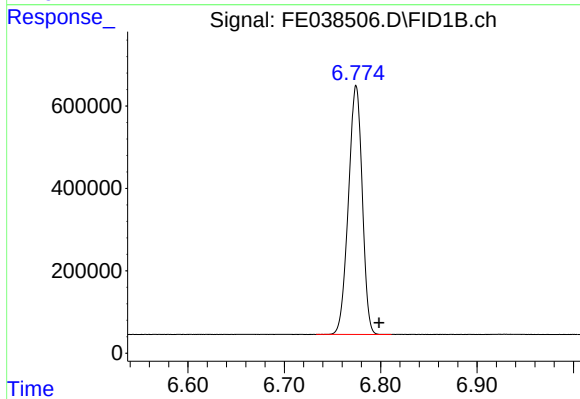
#2 n-Decane (C10)

R.T.: 4.615 min  
Delta R.T.: -0.022 min  
Response: 5334625  
Conc: 34.37 ug/ml m



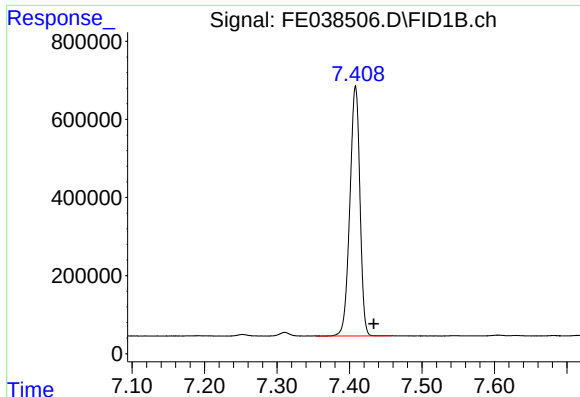
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min  
Delta R.T.: -0.025 min  
Response: 6316569  
Conc: 37.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min  
Delta R.T.: -0.024 min  
Response: 5988142  
Conc: 38.33 ug/ml



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

R.T.: 7.408 min  
Delta R.T.: -0.025 min  
Response: 6158014  
Conc: 36.75 ug/ml

Instrument :

FID\_E

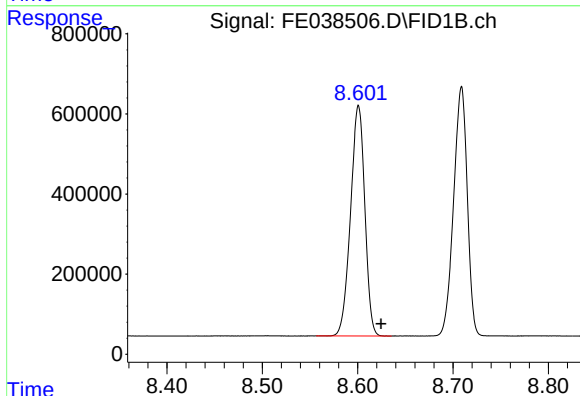
ClientSampleId :

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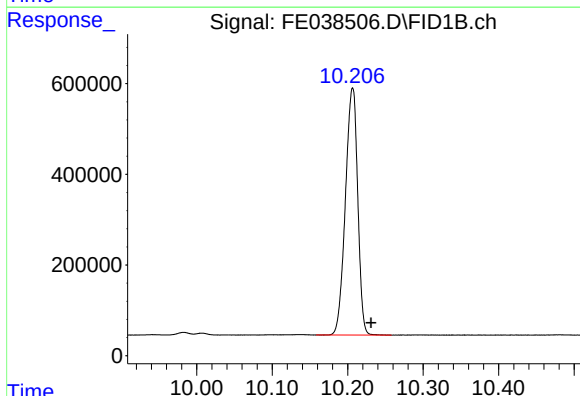
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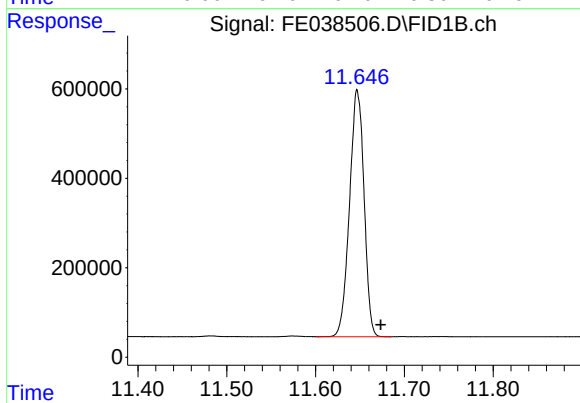
#6 n-Tetradecane (C14)

R.T.: 8.601 min  
Delta R.T.: -0.023 min  
Response: 5993484  
Conc: 38.32 ug/ml



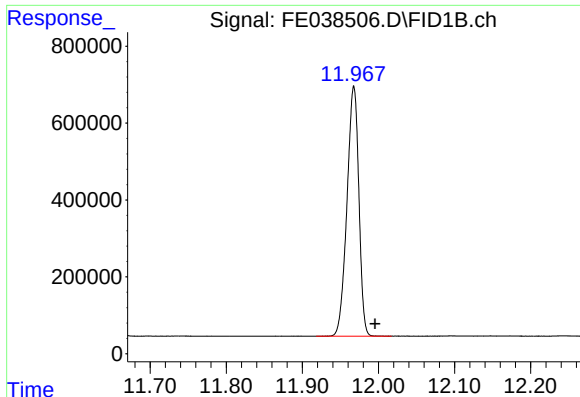
#7 n-Hexadecane (C16)

R.T.: 10.207 min  
Delta R.T.: -0.024 min  
Response: 6179038  
Conc: 39.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.647 min  
Delta R.T.: -0.026 min  
Response: 6268376  
Conc: 39.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min  
Delta R.T.: -0.028 min  
Response: 7044736  
Conc: 40.94 ug/ml

Instrument :

FID\_E

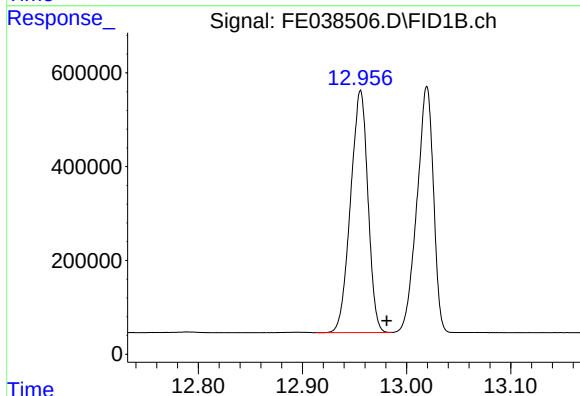
ClientSampleId :

PB148743BSD

Manual Integrations

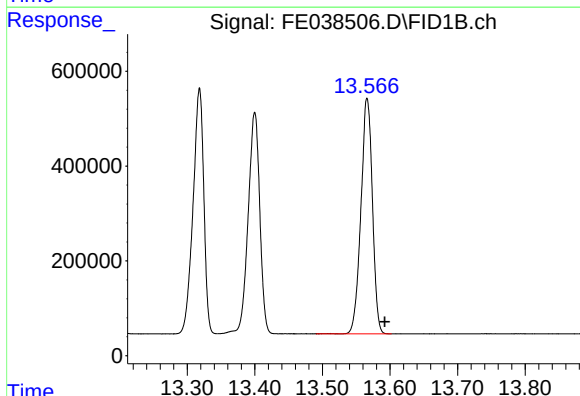
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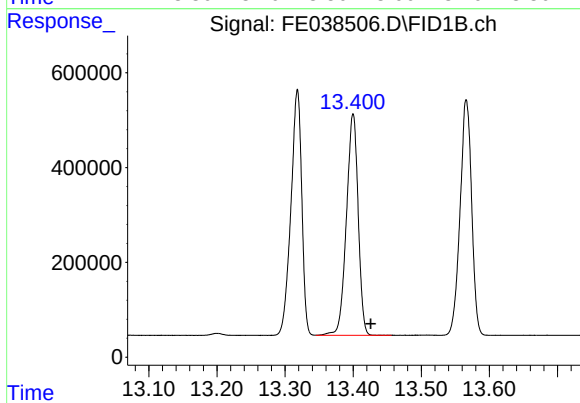
#10 n-Eicosane (C20)

R.T.: 12.956 min  
Delta R.T.: -0.025 min  
Response: 5987991  
Conc: 37.16 ug/ml



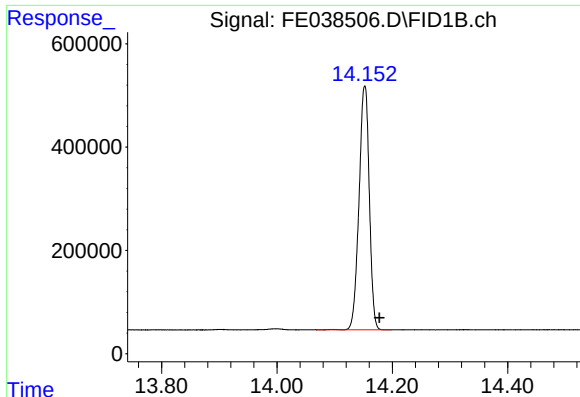
#11 n-Heneicosane (C21)

R.T.: 13.566 min  
Delta R.T.: -0.026 min  
Response: 5872453  
Conc: 36.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min  
Delta R.T.: -0.026 min  
Response: 5599348  
Conc: 40.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.152 min  
Delta R.T.: -0.025 min  
Response: 5839611  
Conc: 36.17 ug/ml

Instrument :

FID\_E

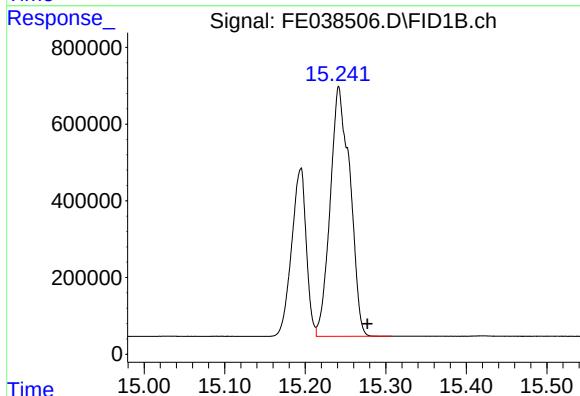
ClientSampleId :

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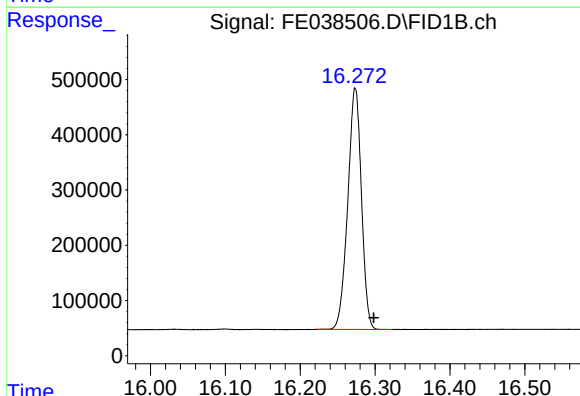
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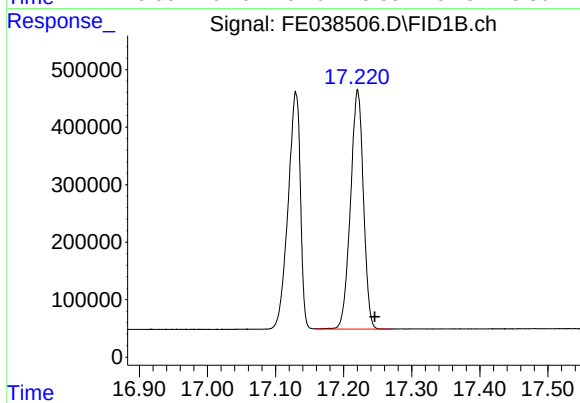
#14 n-Tetracosane (C24)

R.T.: 15.242 min  
Delta R.T.: -0.036 min  
Response: 11123427  
Conc: 69.35 ug/ml



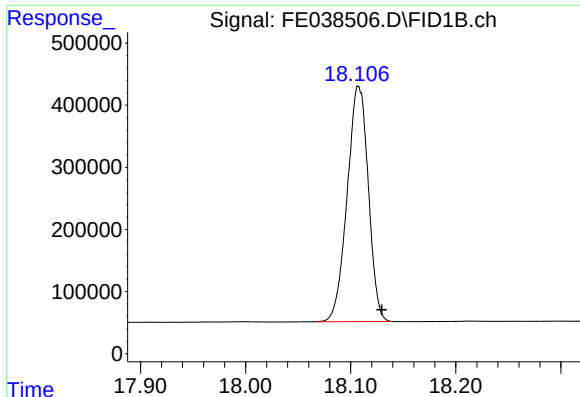
#15 n-Hexacosane (C26)

R.T.: 16.274 min  
Delta R.T.: -0.025 min  
Response: 5540318  
Conc: 34.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min  
Delta R.T.: -0.025 min  
Response: 5488249  
Conc: 34.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.106 min  
Delta R.T.: -0.024 min  
Response: 5304113  
Conc: 33.24 ug/ml

Instrument :

FID\_E

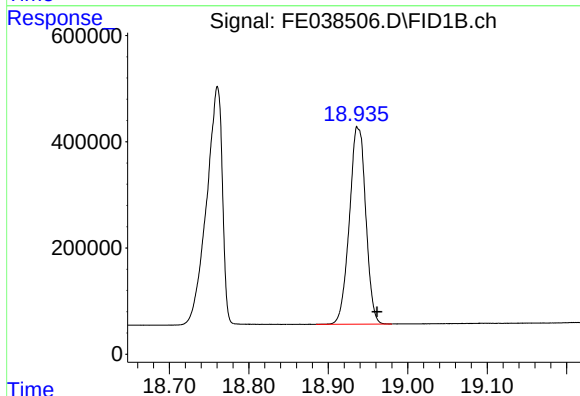
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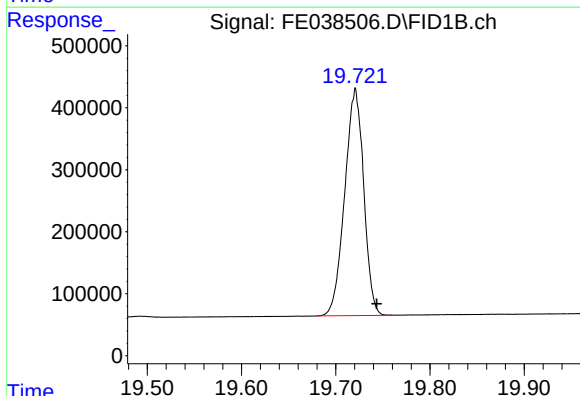
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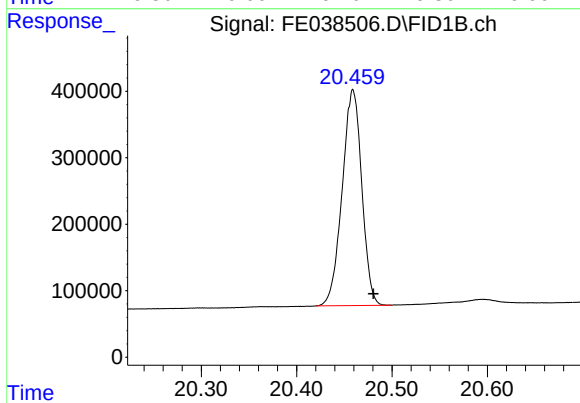
#18 n-Dotriacontane (C32)

R.T.: 18.937 min  
Delta R.T.: -0.024 min  
Response: 5307487  
Conc: 33.66 ug/ml



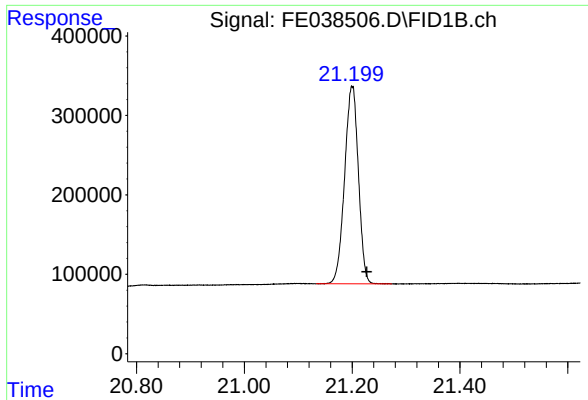
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min  
Delta R.T.: -0.023 min  
Response: 5121969  
Conc: 34.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min  
Delta R.T.: -0.022 min  
Response: 4644402  
Conc: 32.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min  
Delta R.T.: -0.027 min  
Response: 4420226  
Conc: 32.73 ug/ml

Instrument :

FID\_E

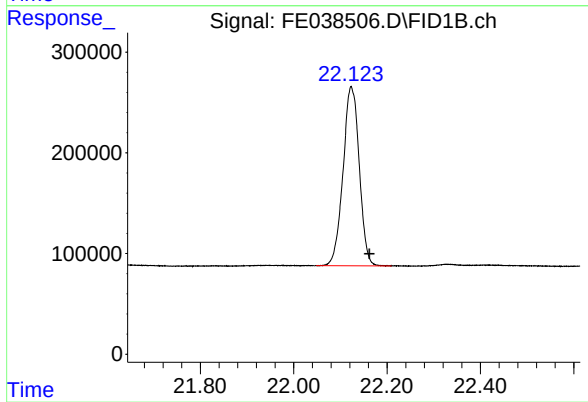
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#22 n-Tetracontane (C40)

R.T.: 22.123 min  
Delta R.T.: -0.039 min  
Response: 4286953  
Conc: 33.96 ug/ml