

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110322AL\  
 Data File : FE038538.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Nov 2022 16:53  
 Operator : YP\AJ  
 Sample : PB148778BSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB148778BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022  
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e  
 Quant Time: Nov 04 05:31:29 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)    | 11.965 | 8818359    | 51.248 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 102.50%       |
| 12) S 1-chlorooctadecane (S... | 13.397 | 7026964    | 51.329 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 102.66%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.368  | 5786335    | 37.571 ug/ml  |
| 2) T n-Decane (C10)            | 4.614  | 6691581    | 43.110 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.312  | 7952815    | 46.960 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.773  | 7535050    | 48.235 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.406  | 7765063    | 46.335 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.599  | 7537199    | 48.195 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.204 | 7788914    | 49.300 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.645 | 7917809    | 49.431 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.953 | 7588088    | 47.094 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.564 | 7443097    | 46.078 ug/ml  |
| 13) T n-Docosane (C22)         | 14.149 | 7406668    | 45.878 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.237 | 14211269   | 88.600 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.271 | 7075099    | 44.543 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.217 | 7016829    | 44.724 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.105 | 6805897    | 42.655 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.934 | 6814728    | 43.221 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.717 | 6558878    | 44.490 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.456 | 5911909    | 41.375 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.195 | 5617395    | 41.591 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.117 | 5445959    | 43.143 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB148778BSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

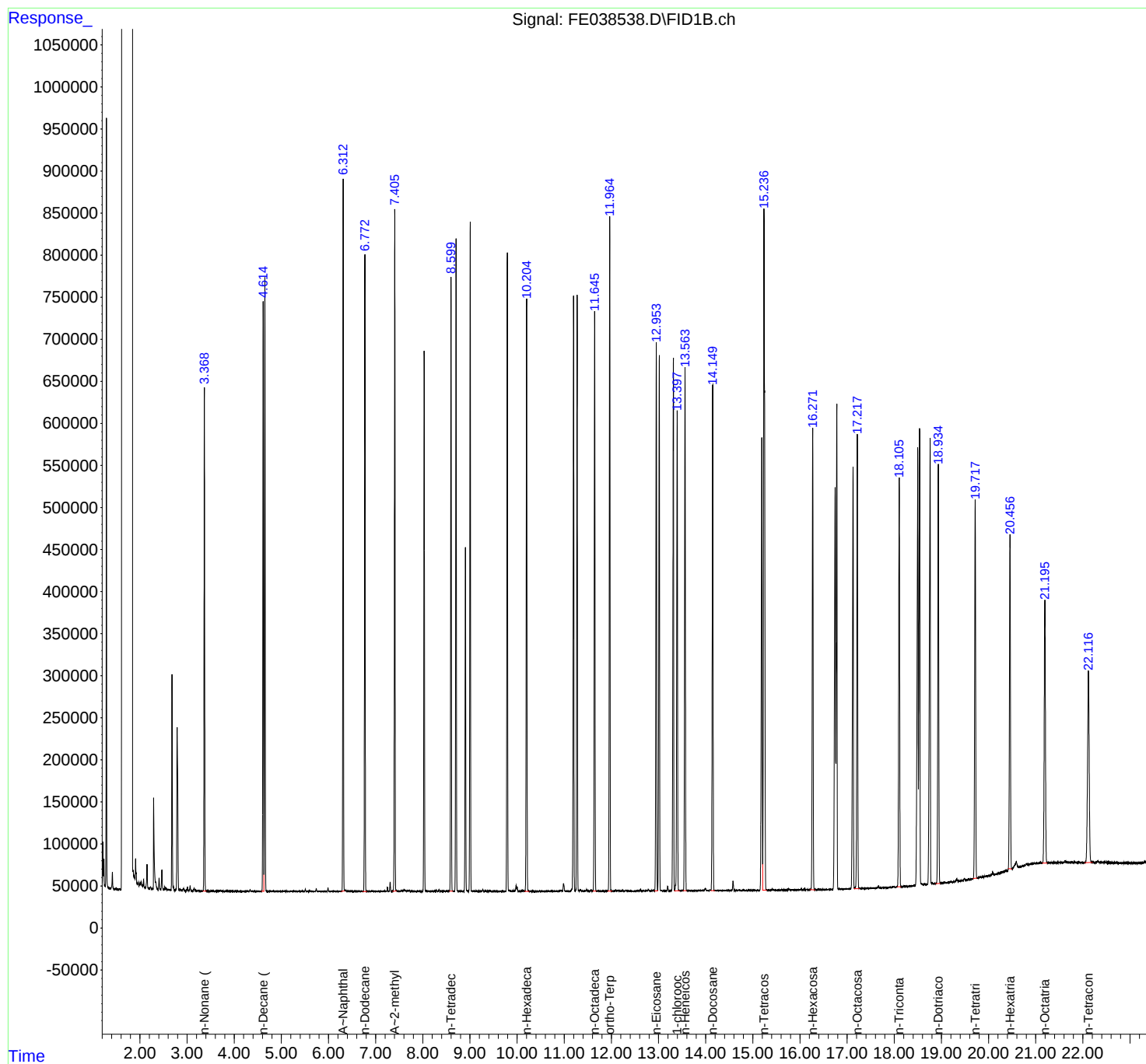
Instrument :  
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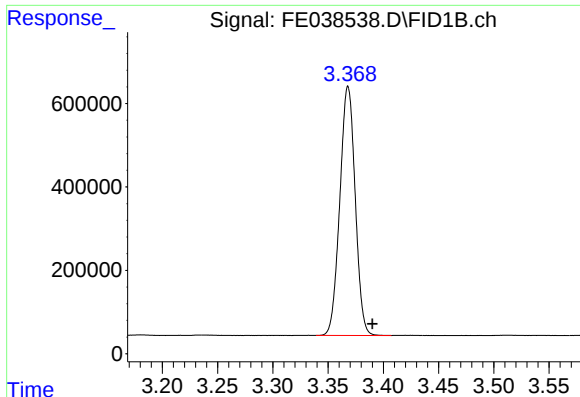
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.368 min  
Delta R.T.: -0.022 min  
Response: 5786335  
Conc: 37.57 ug/ml

Instrument :

FID\_E

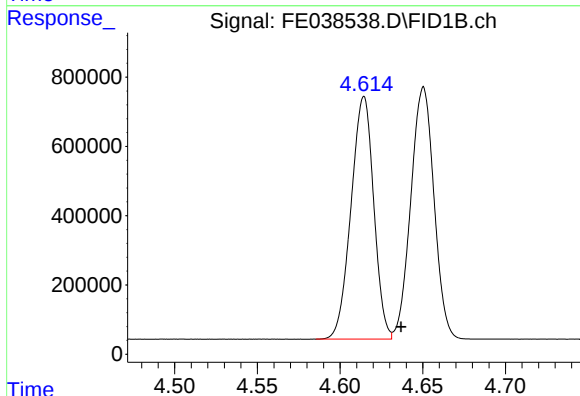
ClientSampleId :

PB148778BSD

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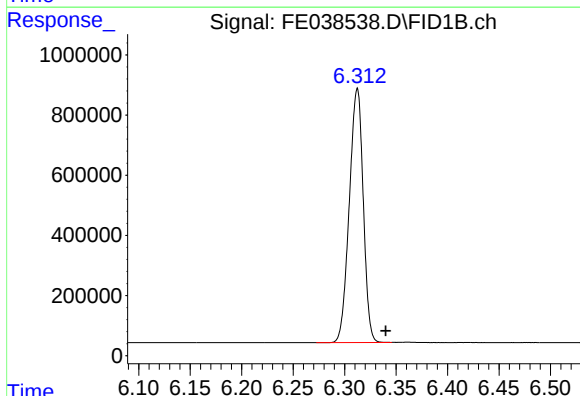
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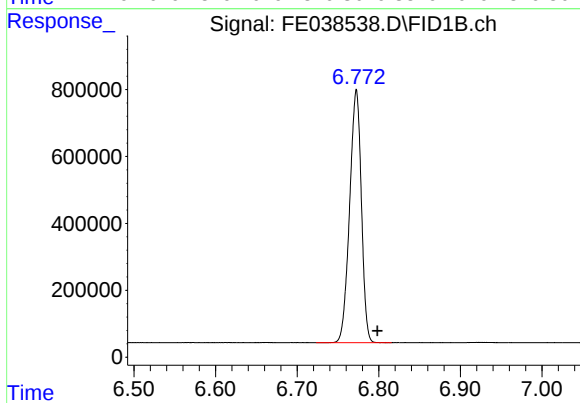
#2 n-Decane (C10)

R.T.: 4.614 min  
Delta R.T.: -0.023 min  
Response: 6691581  
Conc: 43.11 ug/ml m



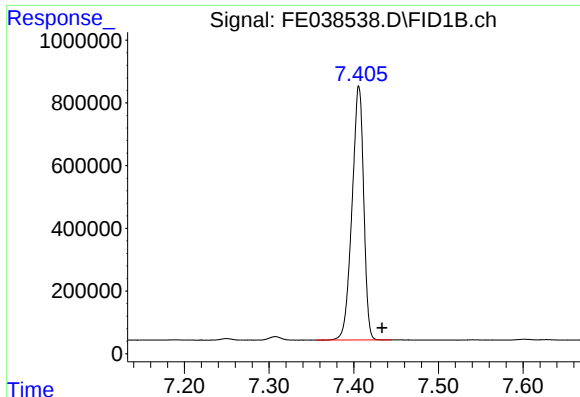
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min  
Delta R.T.: -0.028 min  
Response: 7952815  
Conc: 46.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min  
Delta R.T.: -0.026 min  
Response: 7535050  
Conc: 48.23 ug/ml



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

R.T.: 7.406 min  
Delta R.T.: -0.027 min  
Response: 7765063  
Conc: 46.33 ug/ml

Instrument :

FID\_E

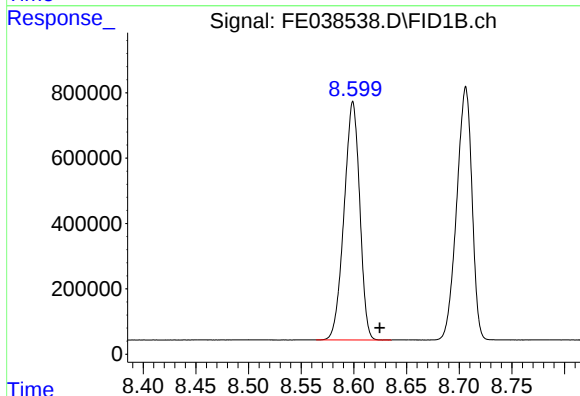
ClientSampleId :

PB148778BSD

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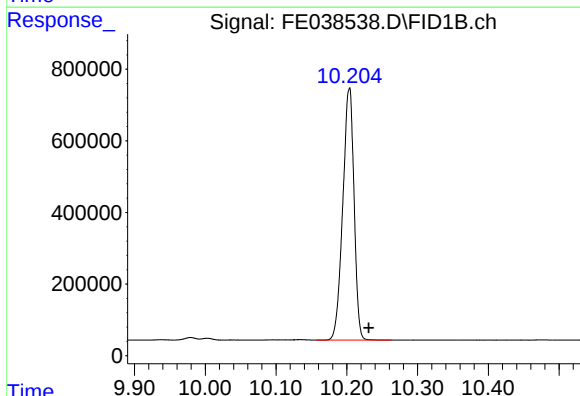
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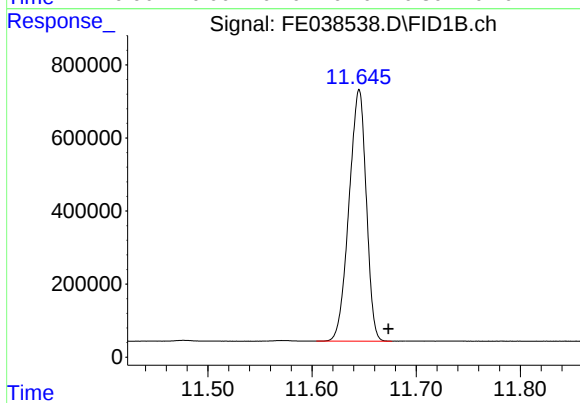
#6 n-Tetradecane (C14)

R.T.: 8.599 min  
Delta R.T.: -0.025 min  
Response: 7537199  
Conc: 48.20 ug/ml



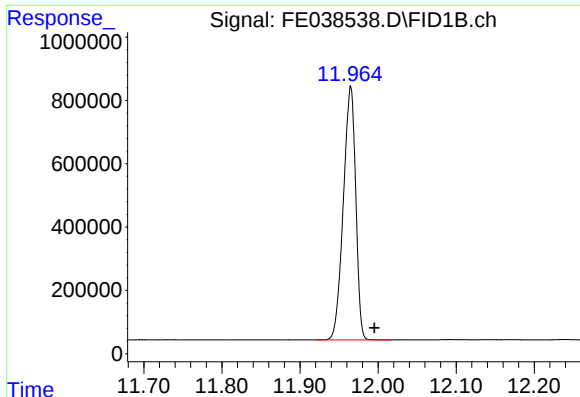
#7 n-Hexadecane (C16)

R.T.: 10.204 min  
Delta R.T.: -0.027 min  
Response: 7788914  
Conc: 49.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min  
Delta R.T.: -0.028 min  
Response: 7917809  
Conc: 49.43 ug/ml



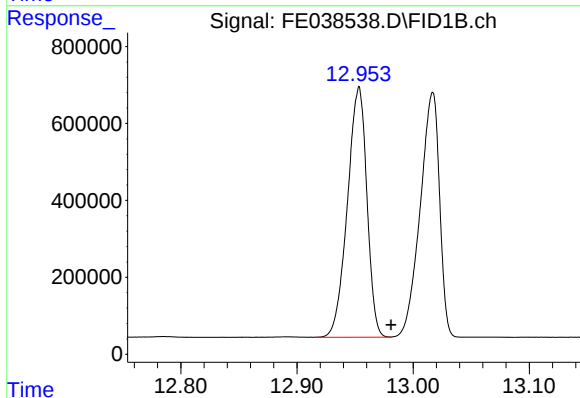
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min  
Delta R.T.: -0.030 min  
Response: 8818359  
Conc: 51.25 ug/ml

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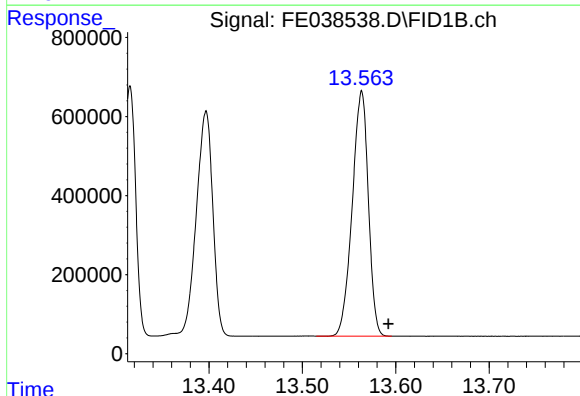
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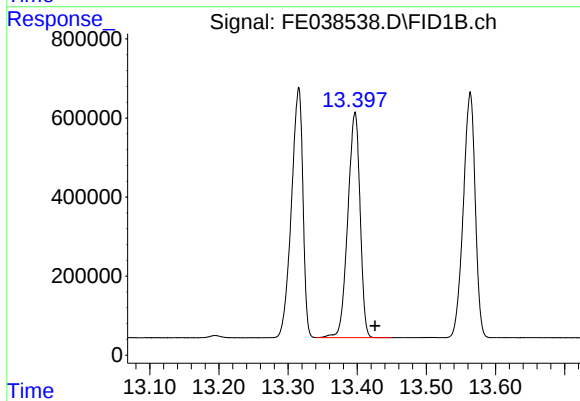
#10 n-Eicosane (C20)

R.T.: 12.953 min  
Delta R.T.: -0.028 min  
Response: 7588088  
Conc: 47.09 ug/ml



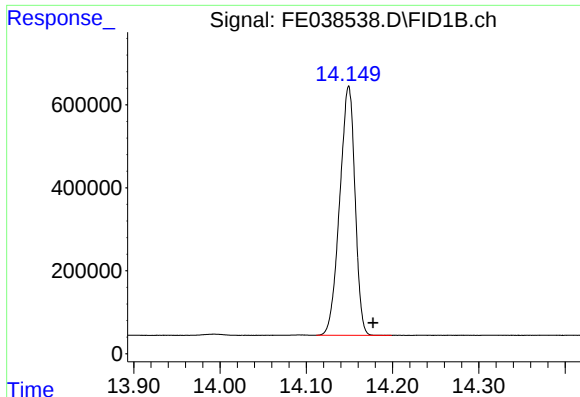
#11 n-Heneicosane (C21)

R.T.: 13.564 min  
Delta R.T.: -0.028 min  
Response: 7443097  
Conc: 46.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min  
Delta R.T.: -0.029 min  
Response: 7026964  
Conc: 51.33 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min  
Delta R.T.: -0.028 min  
Response: 7406668  
Conc: 45.88 ug/ml

Instrument :

FID\_E

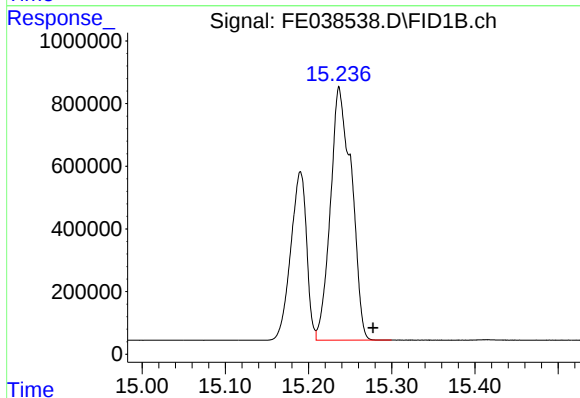
ClientSampleId :

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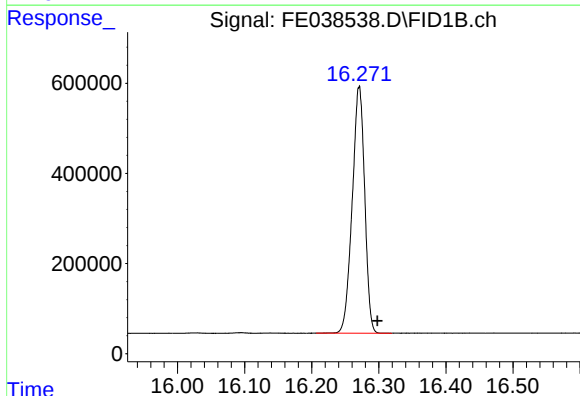
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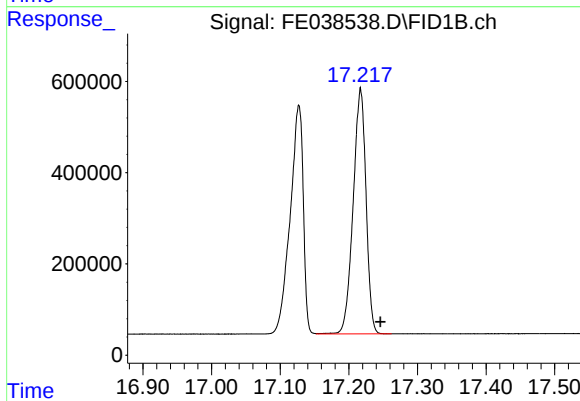
#14 n-Tetracosane (C24)

R.T.: 15.237 min  
Delta R.T.: -0.041 min  
Response: 14211269  
Conc: 88.60 ug/ml



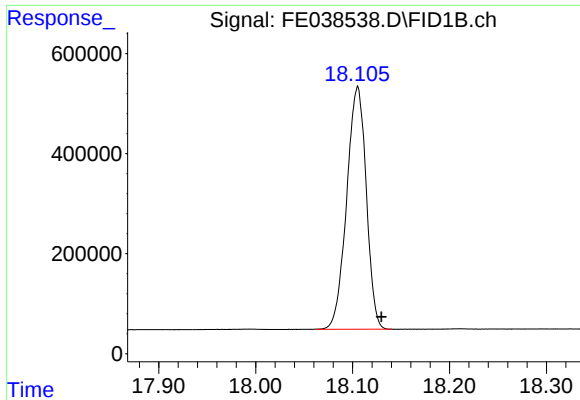
#15 n-Hexacosane (C26)

R.T.: 16.271 min  
Delta R.T.: -0.027 min  
Response: 7075099  
Conc: 44.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min  
Delta R.T.: -0.029 min  
Response: 7016829  
Conc: 44.72 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.105 min  
Delta R.T.: -0.025 min  
Response: 6805897  
Conc: 42.65 ug/ml

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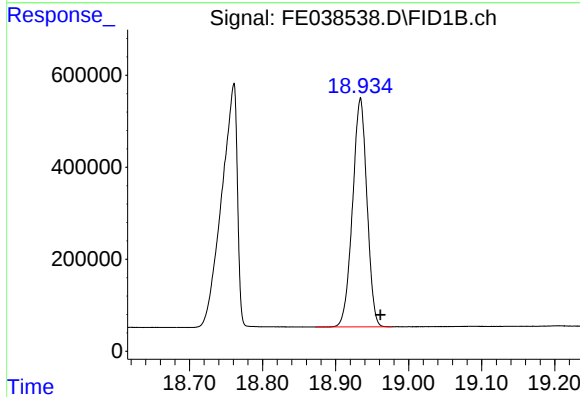
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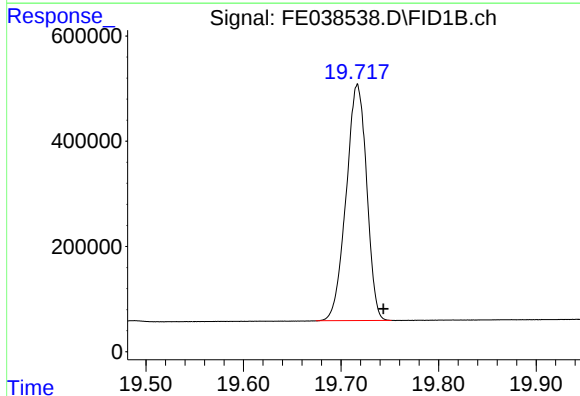
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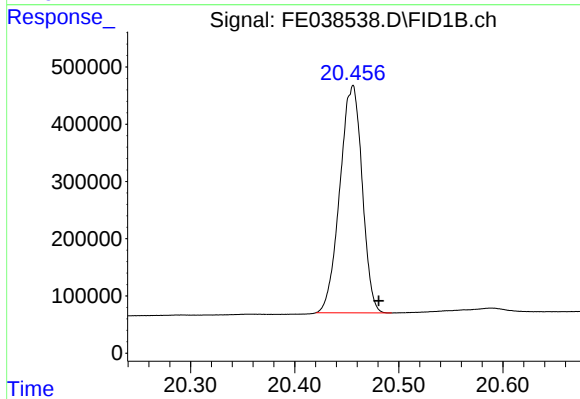
#18 n-Dotriacontane (C32)

R.T.: 18.934 min  
Delta R.T.: -0.027 min  
Response: 6814728  
Conc: 43.22 ug/ml



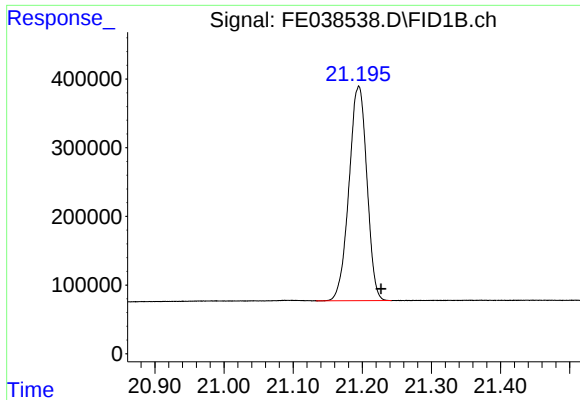
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min  
Delta R.T.: -0.027 min  
Response: 6558878  
Conc: 44.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min  
Delta R.T.: -0.025 min  
Response: 5911909  
Conc: 41.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min  
Delta R.T.: -0.032 min  
Response: 5617395  
Conc: 41.59 ug/ml

Instrument :

FID\_E

ClientSampleId :

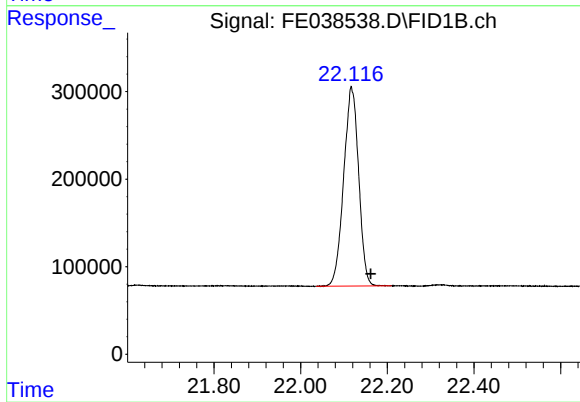
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#22 n-Tetracontane (C40)

R.T.: 22.117 min  
Delta R.T.: -0.045 min  
Response: 5445959  
Conc: 43.14 ug/ml