

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111022AL\  
 Data File : FE038719.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Nov 2022 19:19  
 Operator : YP\AJ  
 Sample : PB148950BSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB148950BSD

Manual Integrations  
 APPROVED

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

Integration File: autoint1.e  
 Quant Time: Nov 11 03:46:41 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)    | 11.964 | 6403725    | 37.215 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.43%        |
| 12) S 1-chlorooctadecane (S... | 13.397 | 5122463    | 37.417 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 74.83%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.366  | 5049383    | 32.786 ug/ml  |
| 2) T n-Decane (C10)            | 4.611  | 5242157    | 33.772 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.311  | 5915317    | 34.929 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.770  | 5598379    | 35.837 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.405  | 5849907    | 34.907 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.597  | 5874448    | 37.563 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.202 | 6309217    | 39.934 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.645 | 6435721    | 40.178 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.952 | 6162102    | 38.244 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.564 | 6060782    | 37.520 ug/ml  |
| 13) T n-Docosane (C22)         | 14.149 | 6035008    | 37.382 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.245 | 11944654   | 74.469 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.274 | 5867975    | 36.944 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.222 | 5883417    | 37.500 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.110 | 5740983    | 35.981 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.940 | 5954192    | 37.764 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.724 | 6114273    | 41.474 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.463 | 6107164    | 42.742 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.207 | 6367710    | 47.146 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.132 | 6640815    | 52.609 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB148950BSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

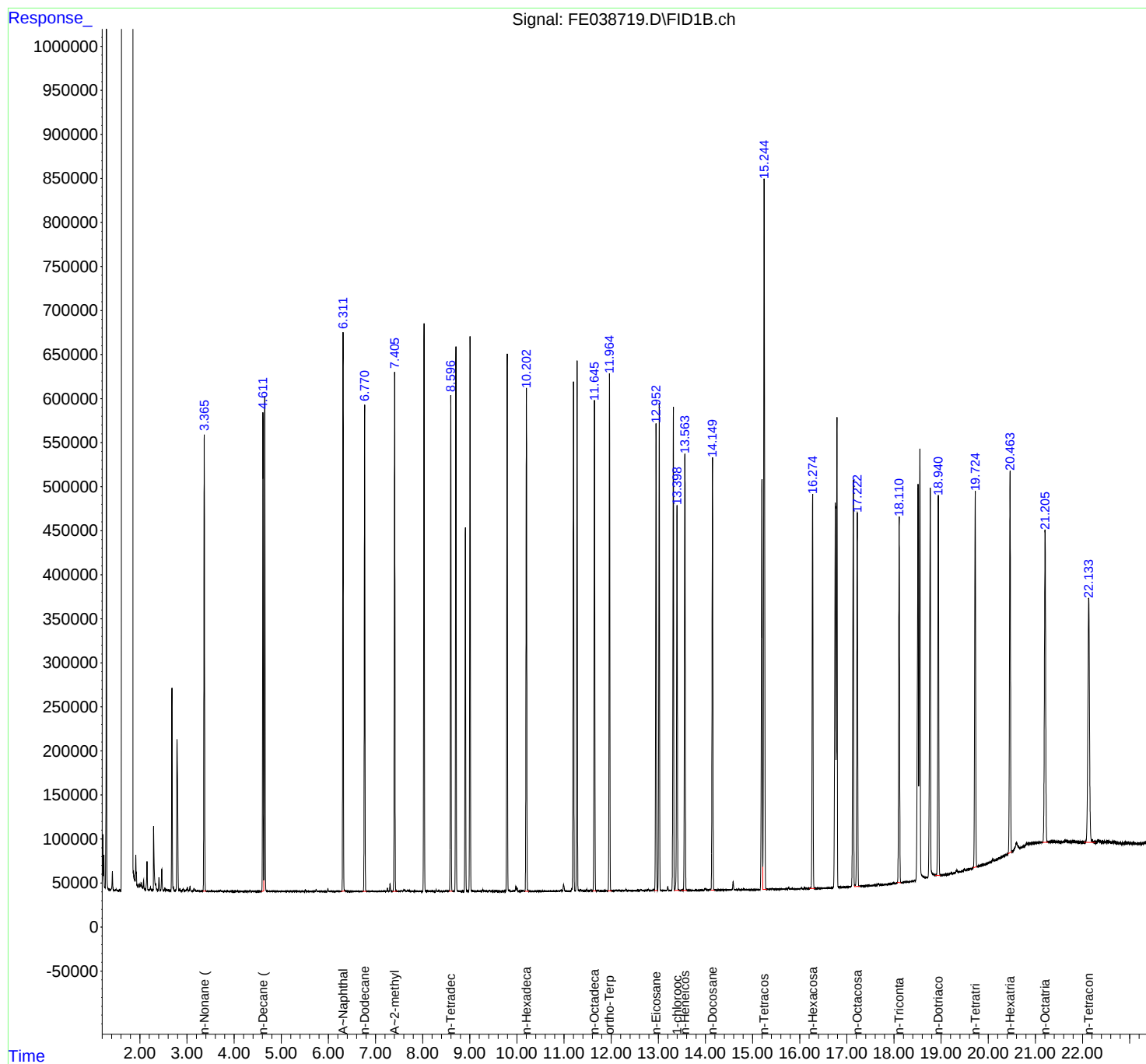
Instrument :  
FID\_E  
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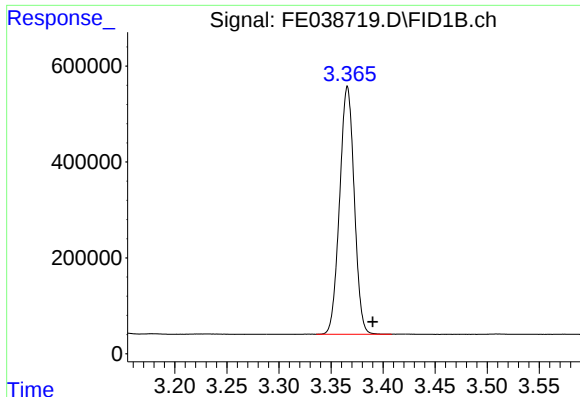
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.366 min  
Delta R.T.: -0.024 min  
Response: 5049383  
Conc: 32.79 ug/ml

Instrument :

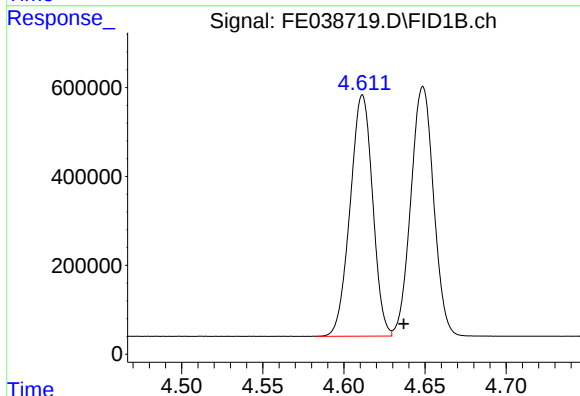
FID\_E

ClientSampleId :

PB148950BSD

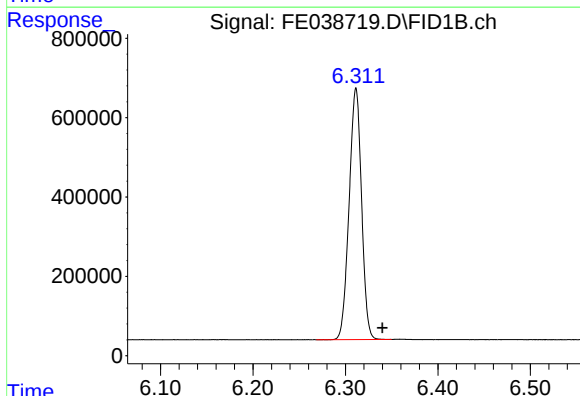
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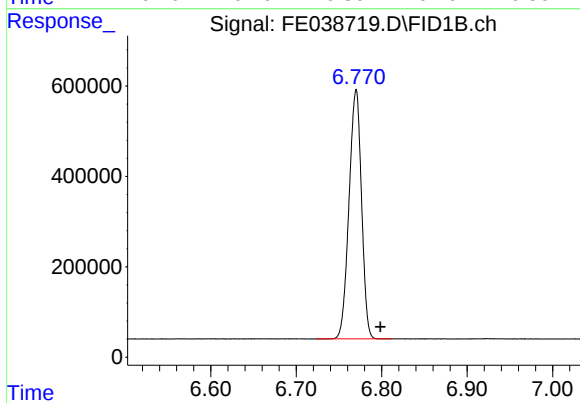
#2 n-Decane (C10)

R.T.: 4.611 min  
Delta R.T.: -0.026 min  
Response: 5242157  
Conc: 33.77 ug/ml m



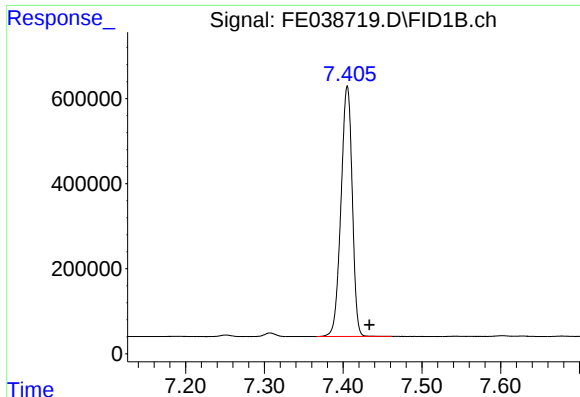
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min  
Delta R.T.: -0.029 min  
Response: 5915317  
Conc: 34.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min  
Delta R.T.: -0.028 min  
Response: 5598379  
Conc: 35.84 ug/ml



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

R.T.: 7.405 min  
Delta R.T.: -0.028 min  
Response: 5849907  
Conc: 34.91 ug/ml

Instrument :

FID\_E

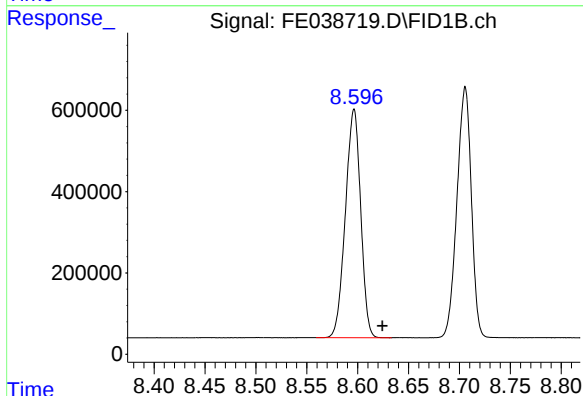
ClientSampleId :

PB148950BSD

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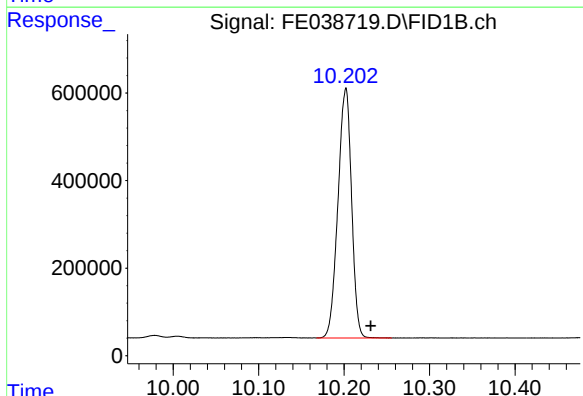
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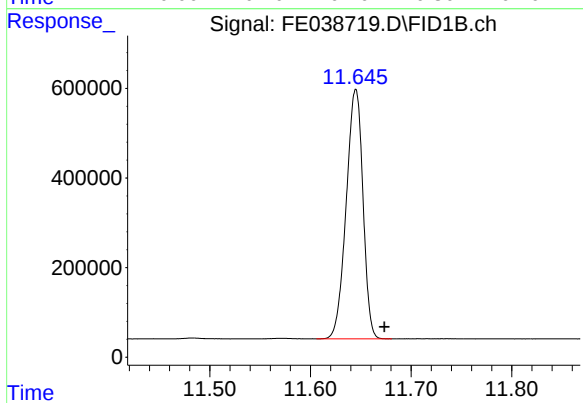
#6 n-Tetradecane (C14)

R.T.: 8.597 min  
Delta R.T.: -0.028 min  
Response: 5874448  
Conc: 37.56 ug/ml



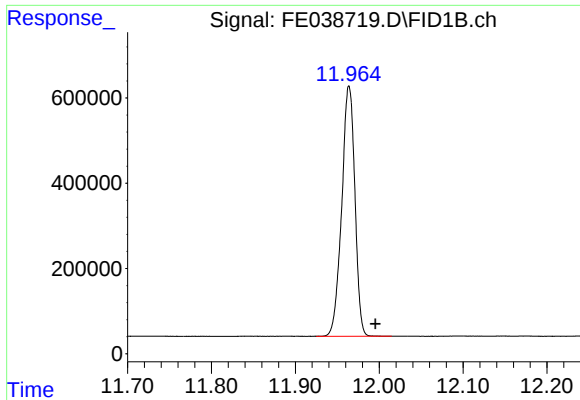
#7 n-Hexadecane (C16)

R.T.: 10.202 min  
Delta R.T.: -0.029 min  
Response: 6309217  
Conc: 39.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min  
Delta R.T.: -0.028 min  
Response: 6435721  
Conc: 40.18 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min  
Delta R.T.: -0.031 min  
Response: 6403725  
Conc: 37.22 ug/ml

Instrument :

FID\_E

ClientSampleId :

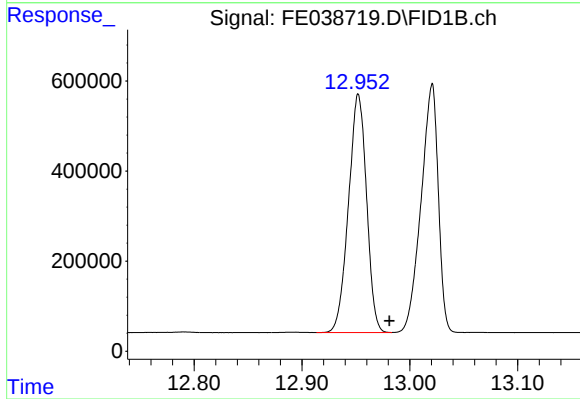
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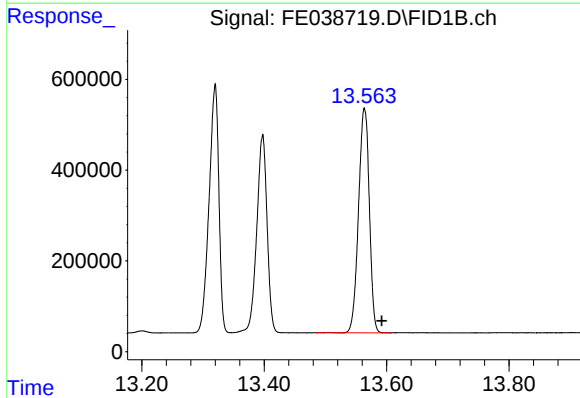
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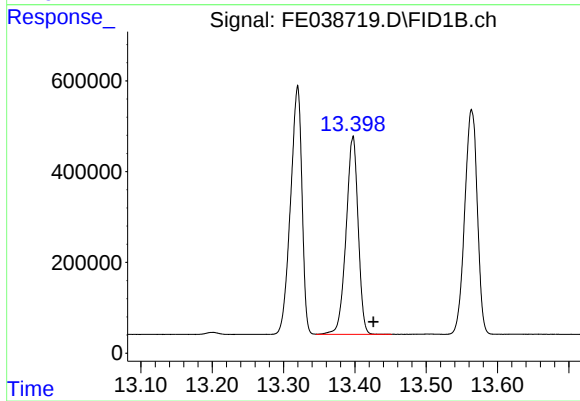
#10 n-Eicosane (C20)

R.T.: 12.952 min  
Delta R.T.: -0.029 min  
Response: 6162102  
Conc: 38.24 ug/ml



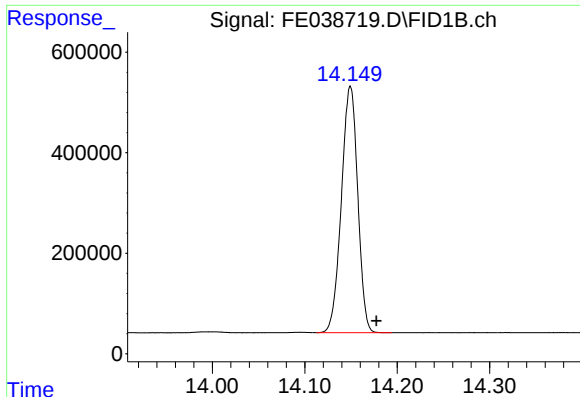
#11 n-Heneicosane (C21)

R.T.: 13.564 min  
Delta R.T.: -0.028 min  
Response: 6060782  
Conc: 37.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min  
Delta R.T.: -0.028 min  
Response: 5122463  
Conc: 37.42 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min  
Delta R.T.: -0.028 min  
Response: 6035008  
Conc: 37.38 ug/ml

Instrument :

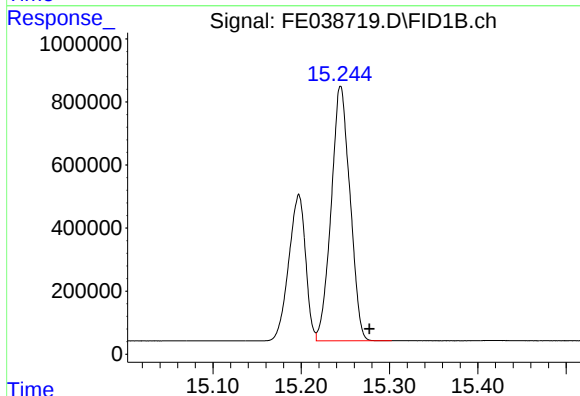
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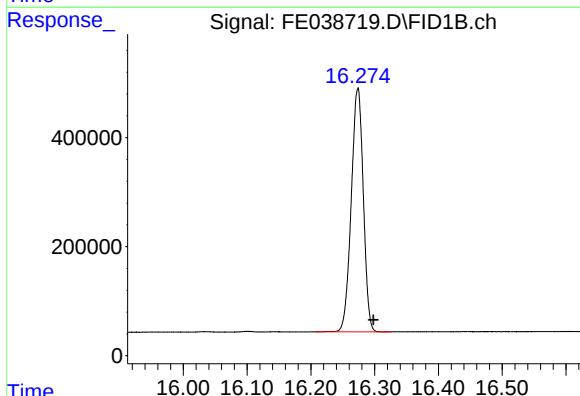
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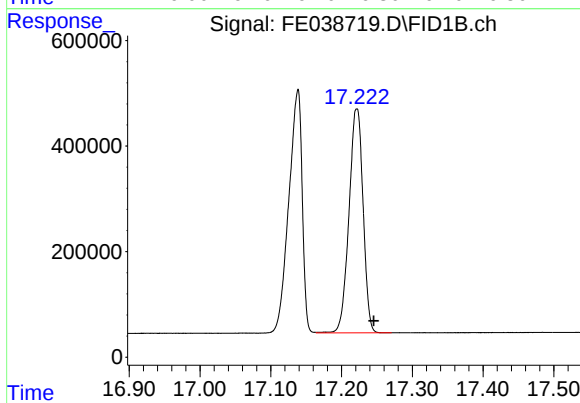
#14 n-Tetracosane (C24)

R.T.: 15.245 min  
Delta R.T.: -0.033 min  
Response: 11944654  
Conc: 74.47 ug/ml



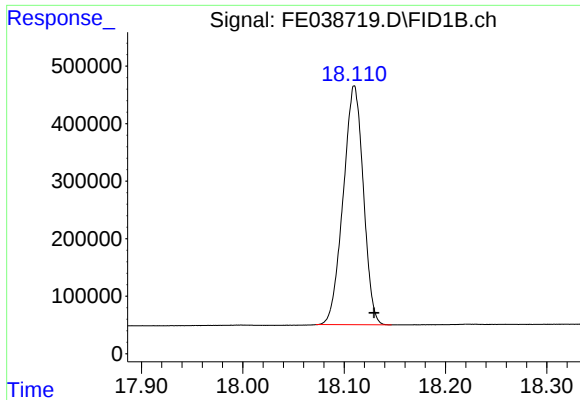
#15 n-Hexacosane (C26)

R.T.: 16.274 min  
Delta R.T.: -0.024 min  
Response: 5867975  
Conc: 36.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.222 min  
Delta R.T.: -0.024 min  
Response: 5883417  
Conc: 37.50 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.110 min  
Delta R.T.: -0.020 min  
Response: 5740983  
Conc: 35.98 ug/ml

Instrument :

FID\_E

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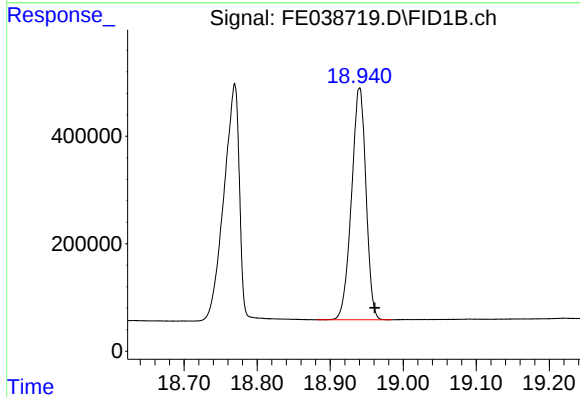
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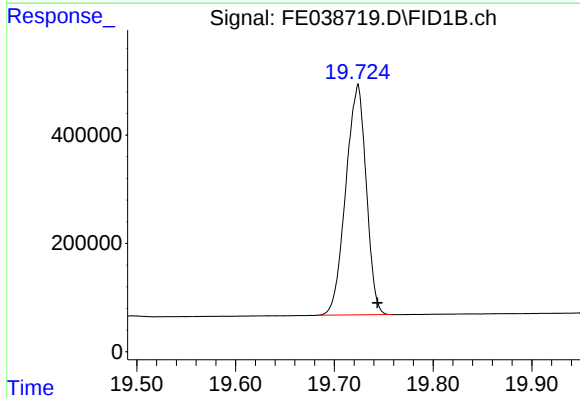
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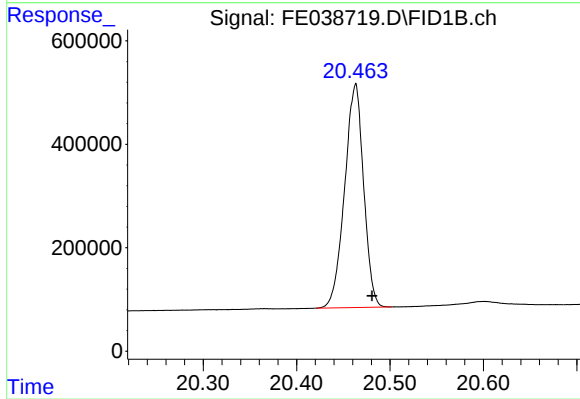
#18 n-Dotriacontane (C32)

R.T.: 18.940 min  
Delta R.T.: -0.021 min  
Response: 5954192  
Conc: 37.76 ug/ml



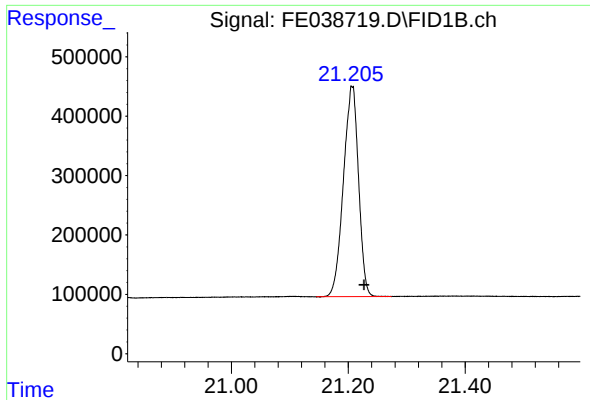
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min  
Delta R.T.: -0.020 min  
Response: 6114273  
Conc: 41.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min  
Delta R.T.: -0.017 min  
Response: 6107164  
Conc: 42.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min  
Delta R.T.: -0.020 min  
Response: 6367710  
Conc: 47.15 ug/ml

Instrument :

FID\_E

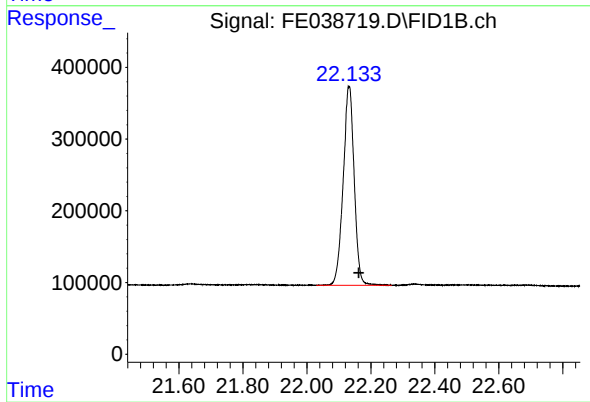
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#22 n-Tetracontane (C40)

R.T.: 22.132 min  
Delta R.T.: -0.030 min  
Response: 6640815  
Conc: 52.61 ug/ml