

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122222AL\  
 Data File : FE039444.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Dec 2022 19:04  
 Operator : YP\AJ  
 Sample : N6163-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TR-06-122022MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/23/2022  
 Supervised By :Ankita Jodhani 12/23/2022

Integration File: autoint1.e  
 Quant Time: Dec 23 02:36:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 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)    | 11.935 | 5414060    | 36.279 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 72.56%        |
| 12) S 1-chlorooctadecane (S... | 13.373 | 35682021   | 310.012 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 620.02%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.327  | 4311402    | 33.355 ug/ml  |
| 2) T n-Decane (C10)            | 4.578  | 4943759    | 38.799 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.280  | 4679309    | 32.370 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.742  | 5815065    | 44.792 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.375  | 4941682    | 36.488 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.569  | 6626245    | 50.005 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.175 | 7726535    | 56.163 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.618 | 8360654    | 59.693 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.928 | 8380025    | 61.389 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.541 | 8254877    | 60.523 ug/ml  |
| 13) T n-Docosane (C22)         | 14.126 | 8447075    | 62.444 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.226 | 7071553    | 52.678 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.250 | 8237952    | 63.267 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.199 | 8186625    | 63.609 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.088 | 7828074    | 60.801 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.920 | 7773527    | 60.027 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.705 | 7147063    | 56.650 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.445 | 6007306    | 49.681 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.183 | 5749823    | 46.558 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.096 | 5049306    | 40.207 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 22 Dec 2022 19:04  
Operator : YP\AJ  
Sample : N6163-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

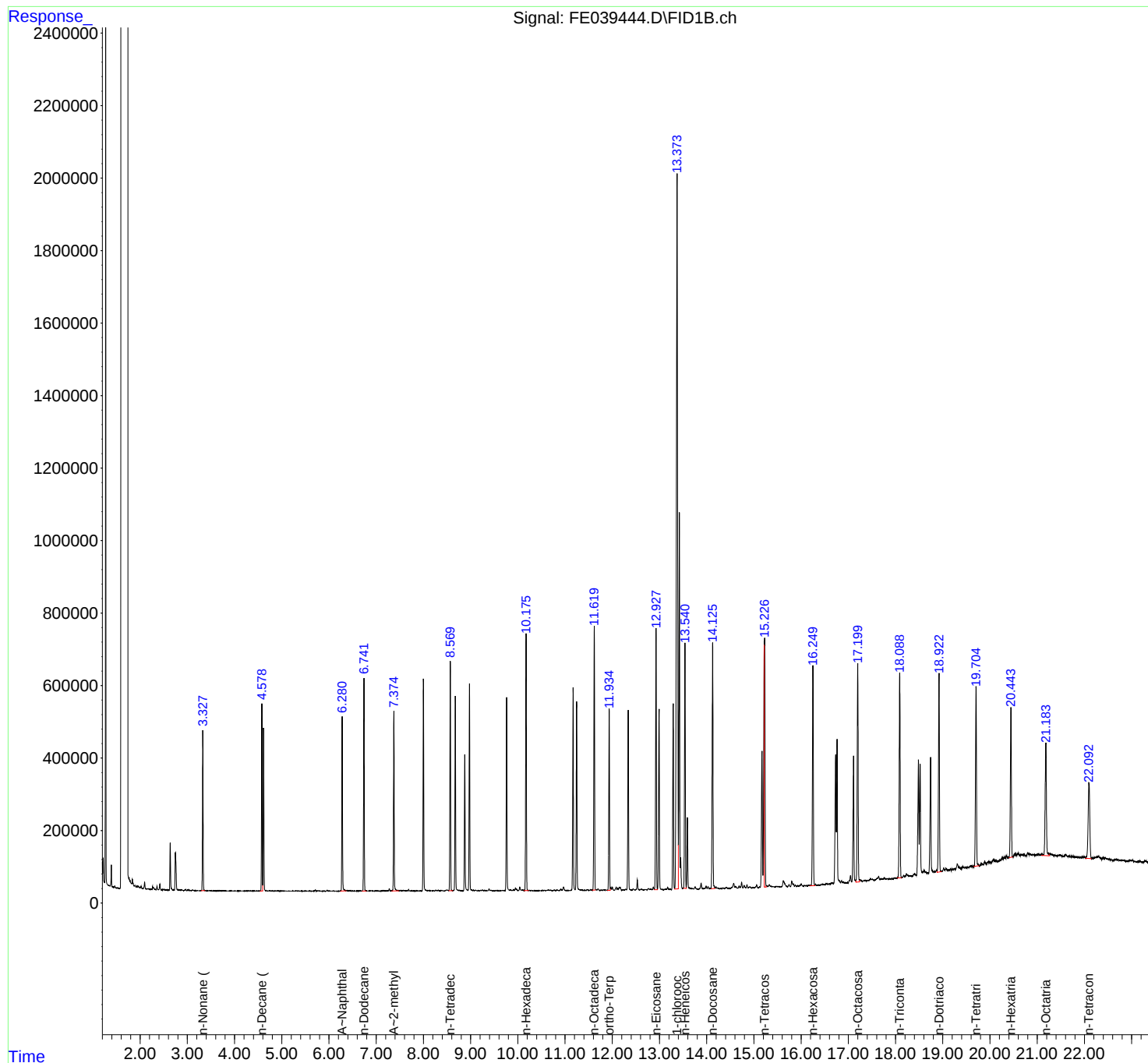
Instrument :  
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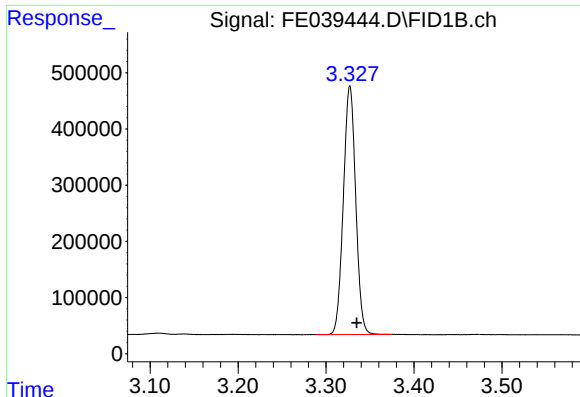
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.327 min  
Delta R.T.: -0.008 min  
Response: 4311402  
Conc: 33.35 ug/ml

Instrument :

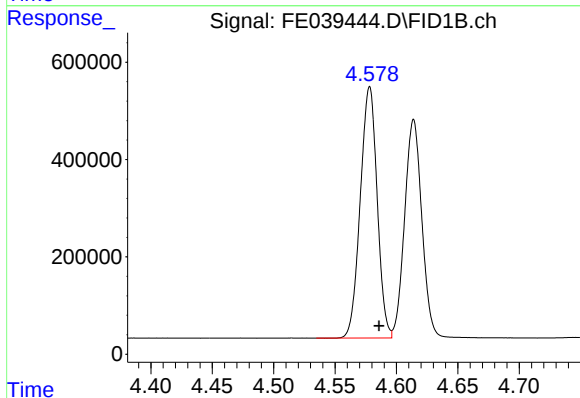
FID\_E

ClientSampleId :

TR-06-122022MSD

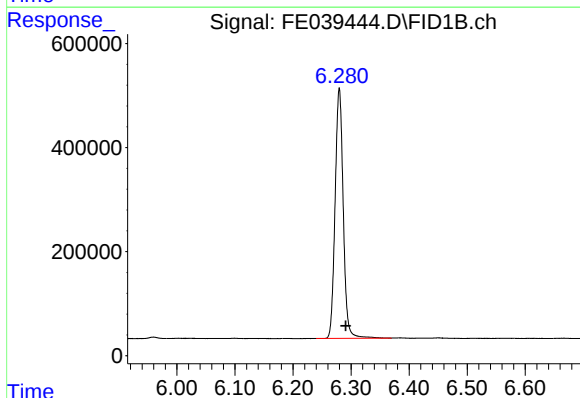
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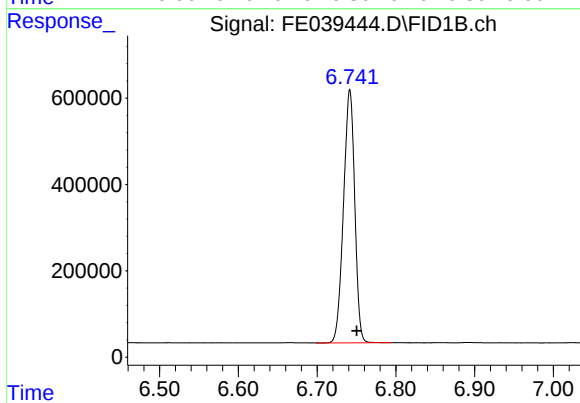
#2 n-Decane (C10)

R.T.: 4.578 min  
Delta R.T.: -0.008 min  
Response: 4943759  
Conc: 38.80 ug/ml



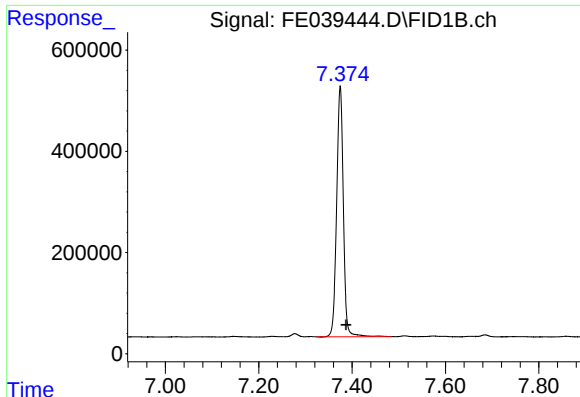
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min  
Delta R.T.: -0.011 min  
Response: 4679309  
Conc: 32.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min  
Delta R.T.: -0.009 min  
Response: 5815065  
Conc: 44.79 ug/ml



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

R.T.: 7.375 min  
Delta R.T.: -0.012 min  
Response: 4941682  
Conc: 36.49 ug/ml

Instrument :

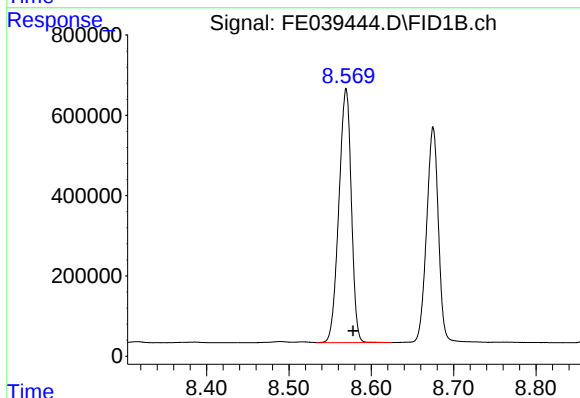
FID\_E

ClientSampleId :

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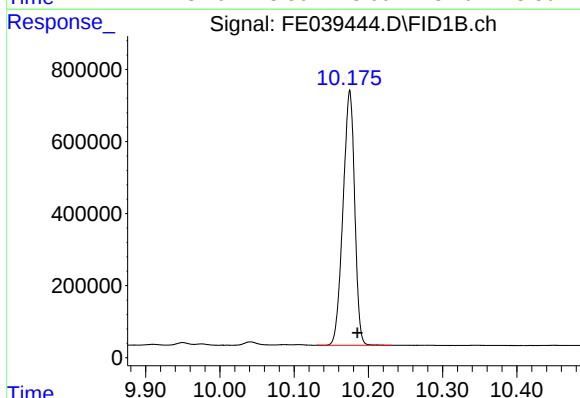
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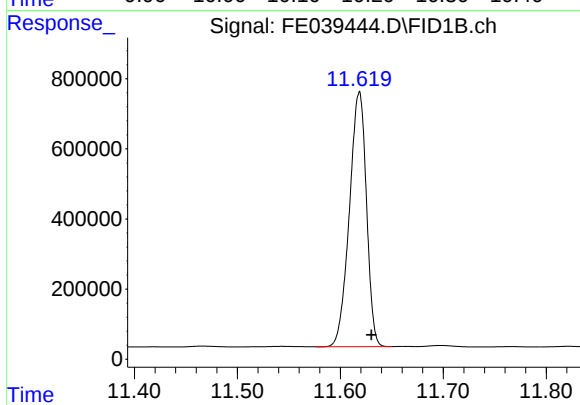
#6 n-Tetradecane (C14)

R.T.: 8.569 min  
Delta R.T.: -0.009 min  
Response: 6626245  
Conc: 50.01 ug/ml



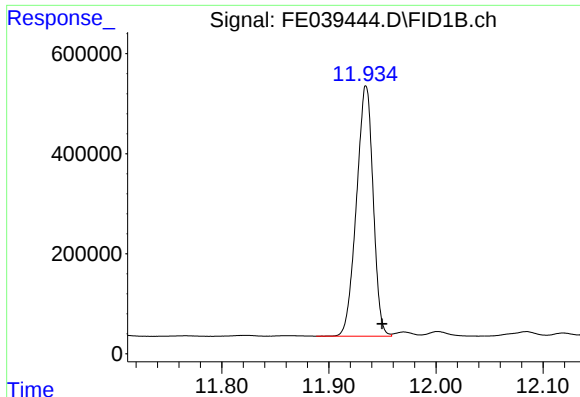
#7 n-Hexadecane (C16)

R.T.: 10.175 min  
Delta R.T.: -0.010 min  
Response: 7726535  
Conc: 56.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min  
Delta R.T.: -0.012 min  
Response: 8360654  
Conc: 59.69 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min  
Delta R.T.: -0.015 min  
Response: 5414060  
Conc: 36.28 ug/ml

Instrument :

FID\_E

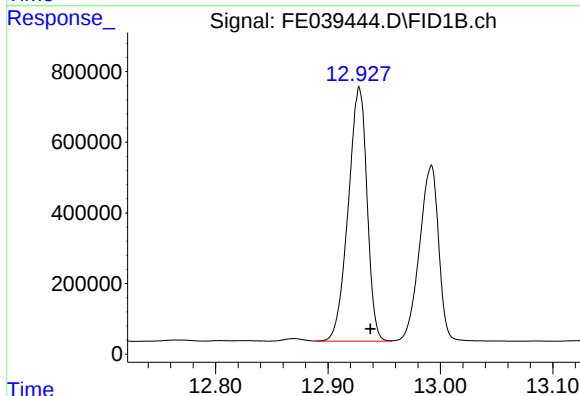
ClientSampleId :

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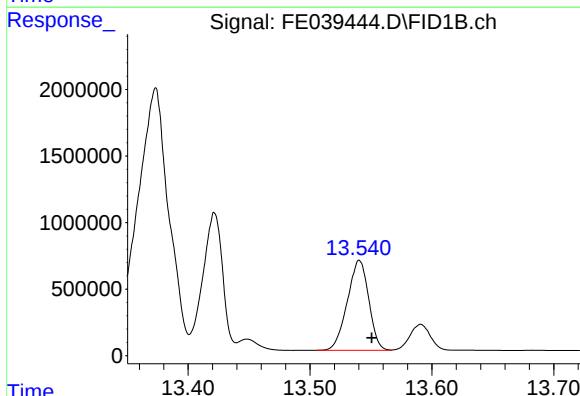
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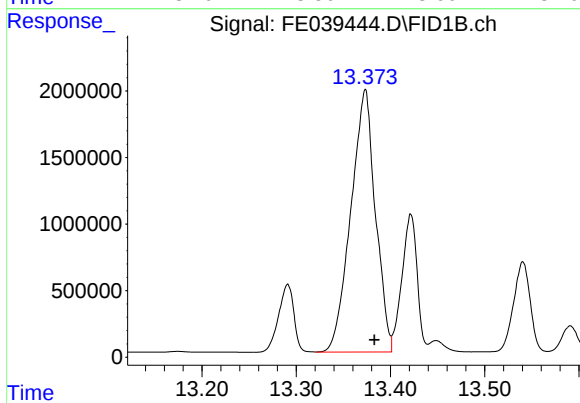
#10 n-Eicosane (C20)

R.T.: 12.928 min  
Delta R.T.: -0.010 min  
Response: 8380025  
Conc: 61.39 ug/ml



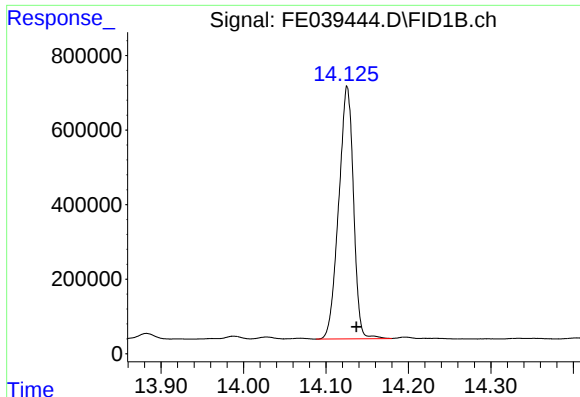
#11 n-Heneicosane (C21)

R.T.: 13.541 min  
Delta R.T.: -0.010 min  
Response: 8254877  
Conc: 60.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min  
Delta R.T.: -0.010 min  
Response: 35682021  
Conc: 310.01 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min  
Delta R.T.: -0.011 min  
Response: 8447075  
Conc: 62.44 ug/ml

Instrument :

FID\_E

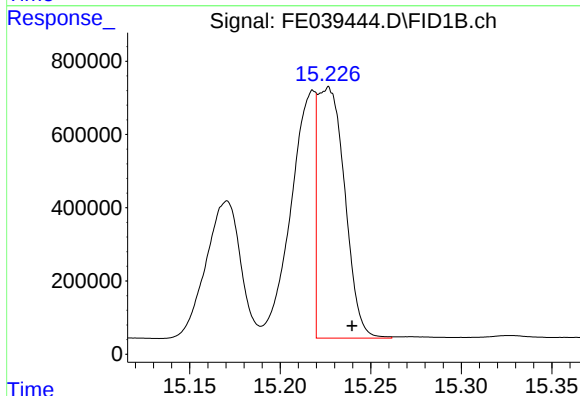
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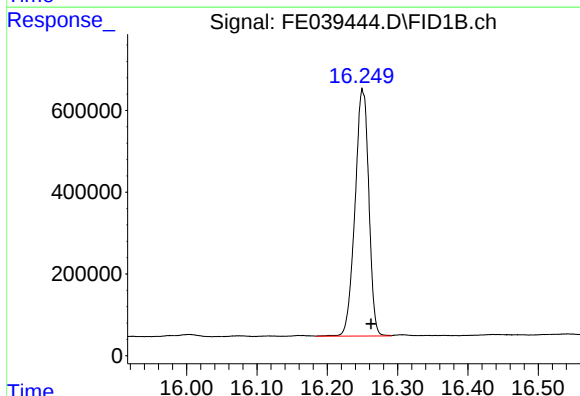
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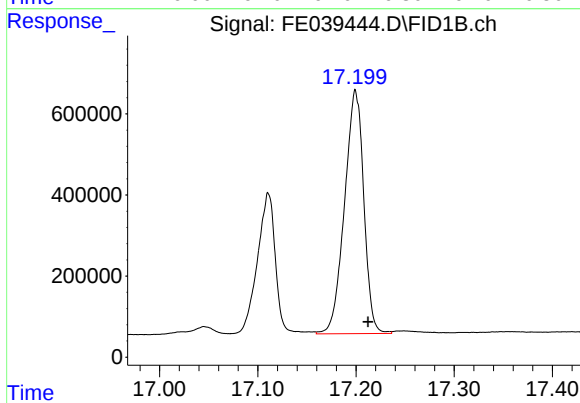
#14 n-Tetracosane (C24)

R.T.: 15.226 min  
Delta R.T.: -0.013 min  
Response: 7071553  
Conc: 52.68 ug/ml m



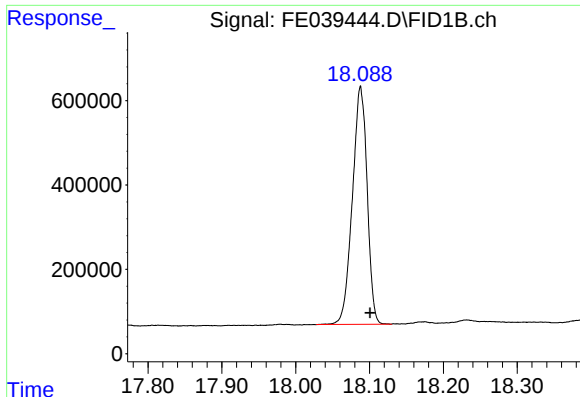
#15 n-Hexacosane (C26)

R.T.: 16.250 min  
Delta R.T.: -0.012 min  
Response: 8237952  
Conc: 63.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min  
Delta R.T.: -0.013 min  
Response: 8186625  
Conc: 63.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.088 min  
Delta R.T.: -0.013 min  
Response: 7828074  
Conc: 60.80 ug/ml

Instrument :

FID\_E

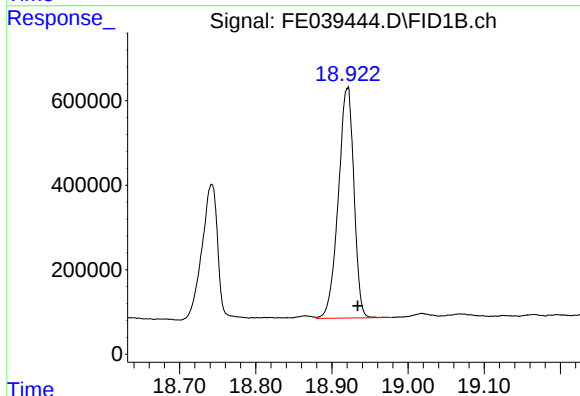
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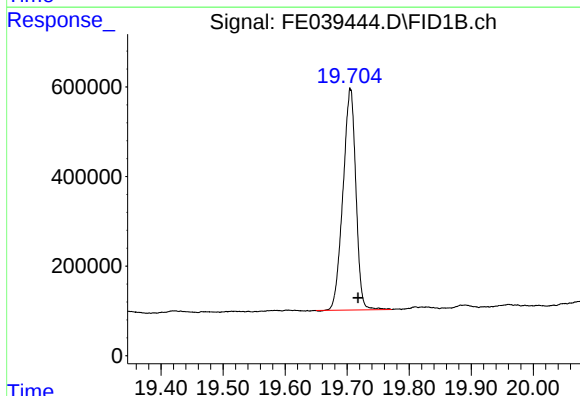
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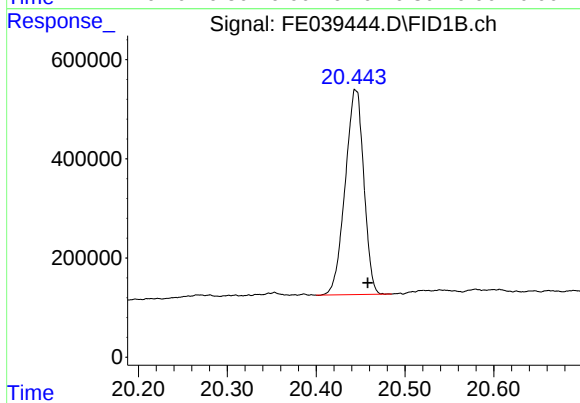
#18 n-Dotriacontane (C32)

R.T.: 18.920 min  
Delta R.T.: -0.014 min  
Response: 7773527  
Conc: 60.03 ug/ml



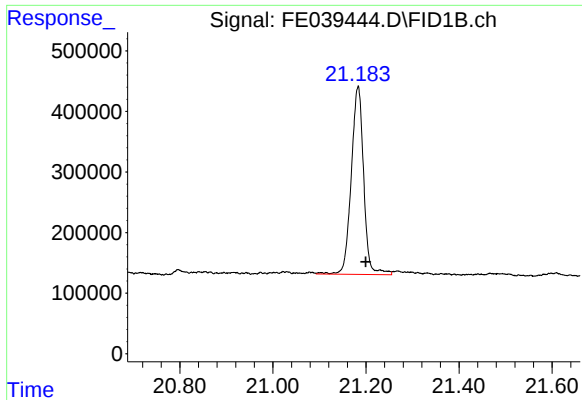
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min  
Delta R.T.: -0.013 min  
Response: 7147063  
Conc: 56.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min  
Delta R.T.: -0.014 min  
Response: 6007306  
Conc: 49.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min  
Delta R.T.: -0.017 min  
Response: 5749823  
Conc: 46.56 ug/ml

Instrument :

FID\_E

ClientSampleId :

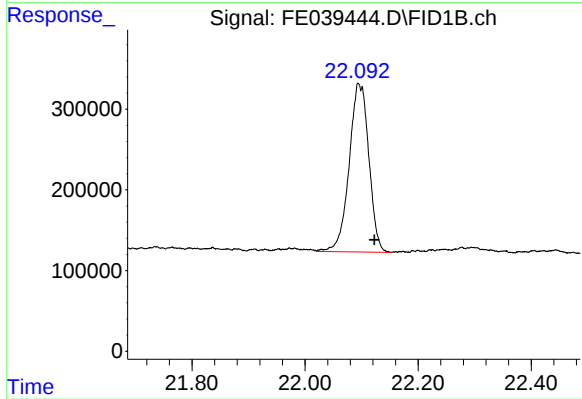
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#22 n-Tetracontane (C40)

R.T.: 22.096 min  
Delta R.T.: -0.027 min  
Response: 5049306  
Conc: 40.21 ug/ml