

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010523AL\  
 Data File : FE039652.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Jan 2023 15:54  
 Operator : YP\AJ  
 Sample : PB150051BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB150051BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/06/2023  
 Supervised By :Ankita Jodhani 01/06/2023

Integration File: autoint1.e  
 Quant Time: Jan 06 02:53:24 2023  
 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)    | 11.927 | 5804931    | 38.898 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.80%        |
| 12) S 1-chlorooctadecane (S... | 13.362 | 4655861    | 40.451 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.90%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.322  | 5995756    | 46.386 ug/ml  |
| 2) T n-Decane (C10)            | 4.571  | 6333951    | 49.709 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.271  | 4466047    | 30.895 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.734  | 6841466    | 52.698 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.366  | 4568807    | 33.735 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.562  | 7018246    | 52.963 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.167 | 7498156    | 54.503 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.610 | 7918003    | 56.532 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.920 | 7832521    | 57.378 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.530 | 7803533    | 57.214 ug/mlm |
| 13) T n-Docosane (C22)         | 14.117 | 7867731    | 58.161 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.220 | 7357913    | 54.812 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.241 | 7766084    | 59.643 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.190 | 7646210    | 59.410 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.079 | 7379800    | 57.319 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.910 | 7151154    | 55.221 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.695 | 6310464    | 50.019 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.433 | 4893130    | 40.467 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.167 | 3926018    | 31.790 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.076 | 3307287    | 26.335 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

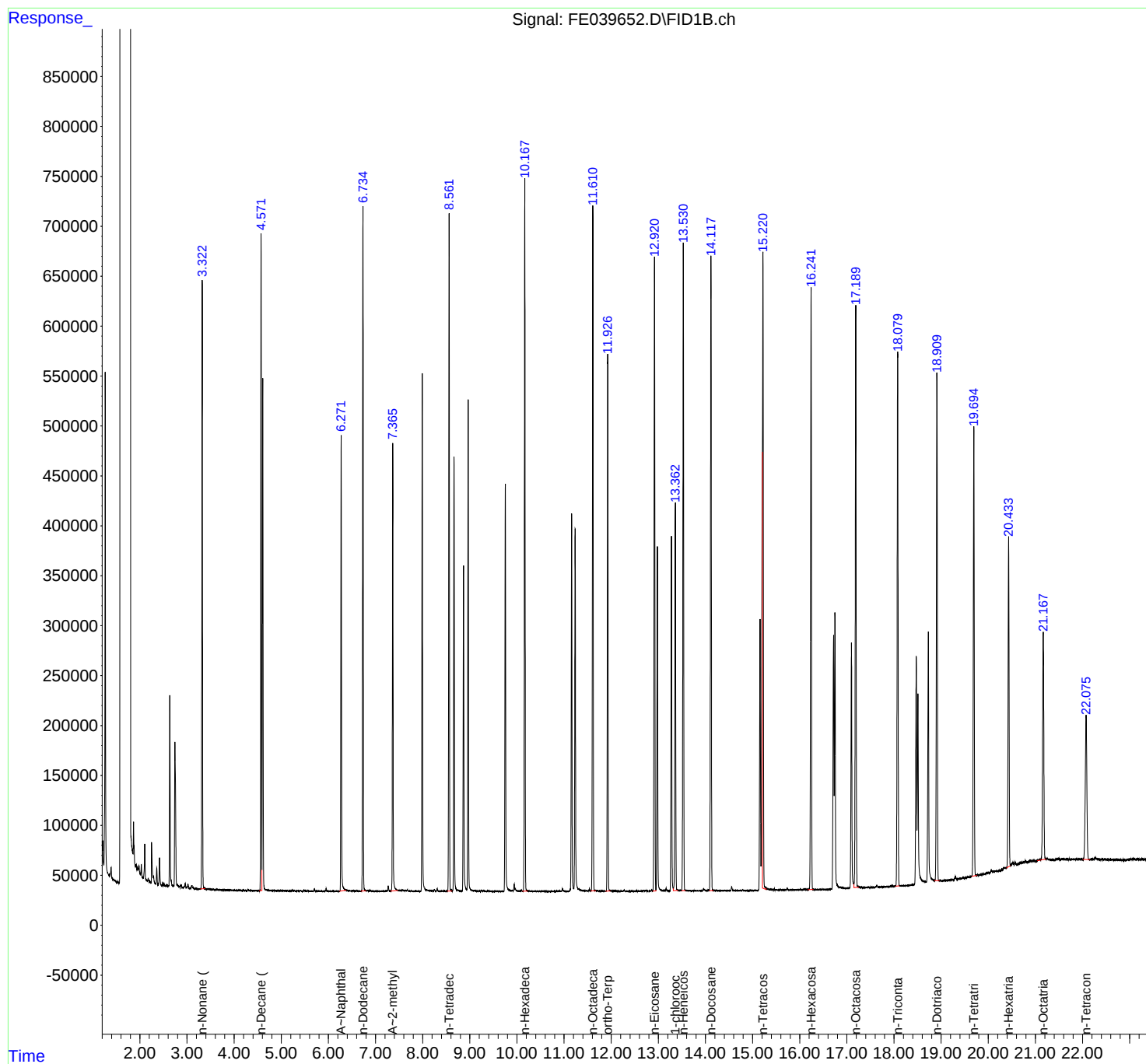
Instrument :  
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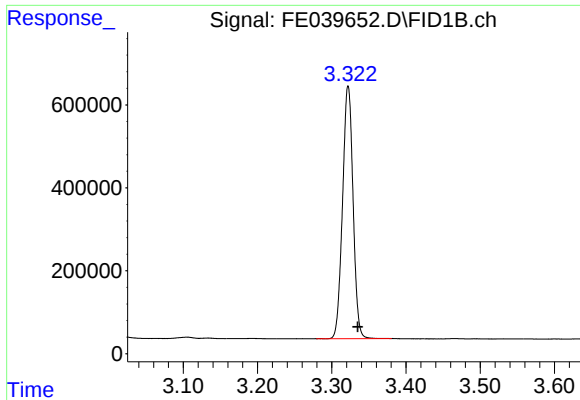
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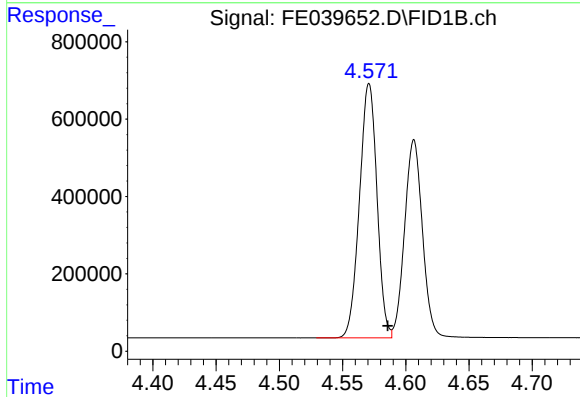
#1 n-Nonane (C9)

R.T.: 3.322 min  
Delta R.T.: -0.013 min  
Response: 5995756  
Conc: 46.39 ug/ml

Instrument :  
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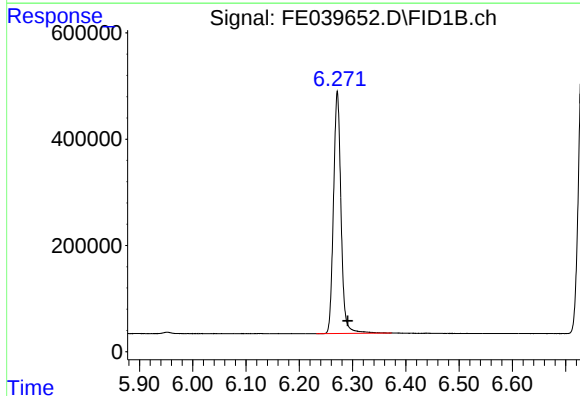
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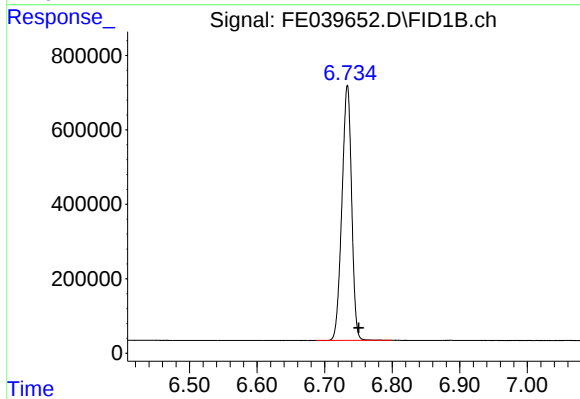
#2 n-Decane (C10)

R.T.: 4.571 min  
Delta R.T.: -0.015 min  
Response: 6333951  
Conc: 49.71 ug/ml



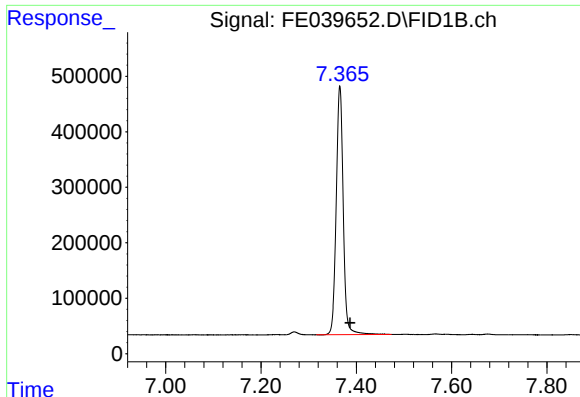
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min  
Delta R.T.: -0.019 min  
Response: 4466047  
Conc: 30.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min  
Delta R.T.: -0.017 min  
Response: 6841466  
Conc: 52.70 ug/ml



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

R.T.: 7.366 min  
Delta R.T.: -0.021 min  
Response: 4568807  
Conc: 33.74 ug/ml

Instrument :

FID\_E

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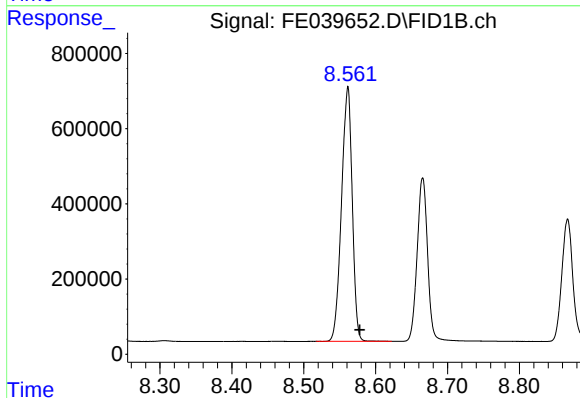
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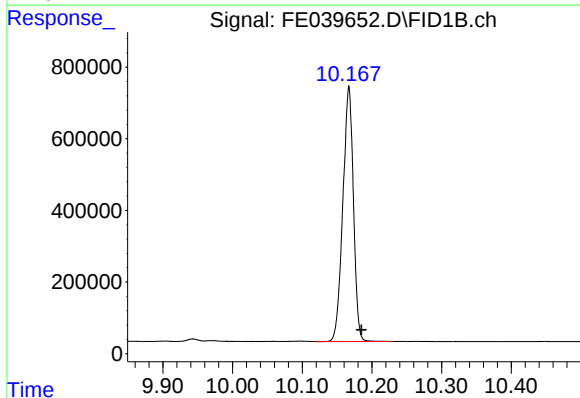
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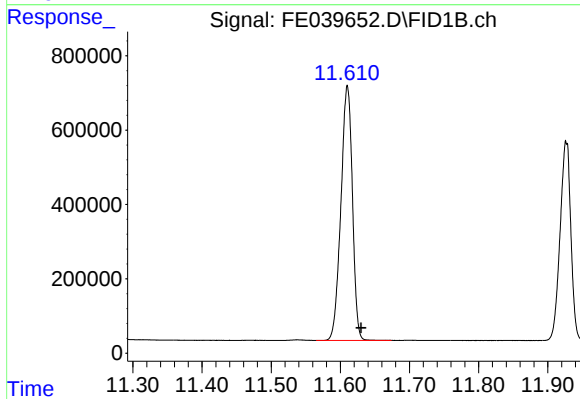
#6 n-Tetradecane (C14)

R.T.: 8.562 min  
Delta R.T.: -0.016 min  
Response: 7018246  
Conc: 52.96 ug/ml



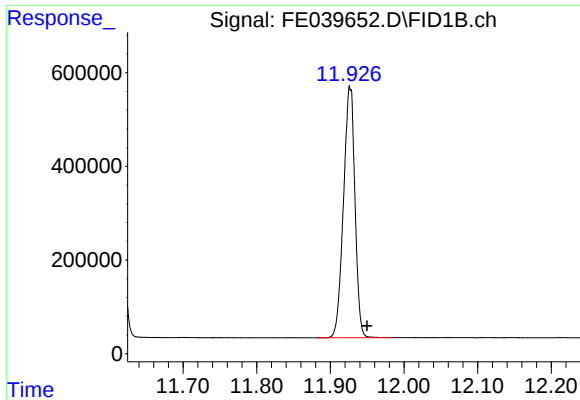
#7 n-Hexadecane (C16)

R.T.: 10.167 min  
Delta R.T.: -0.018 min  
Response: 7498156  
Conc: 54.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min  
Delta R.T.: -0.020 min  
Response: 7918003  
Conc: 56.53 ug/ml



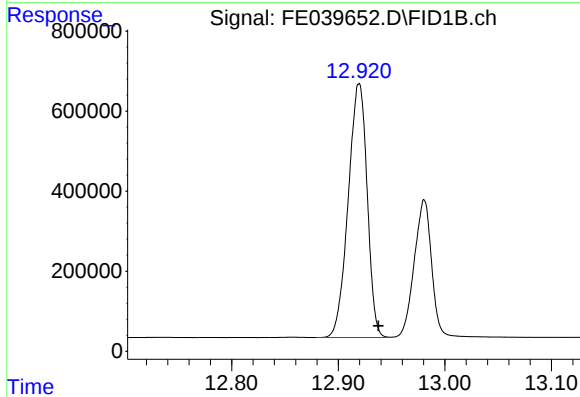
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min  
Delta R.T.: -0.023 min  
Response: 5804931  
Conc: 38.90 ug/ml

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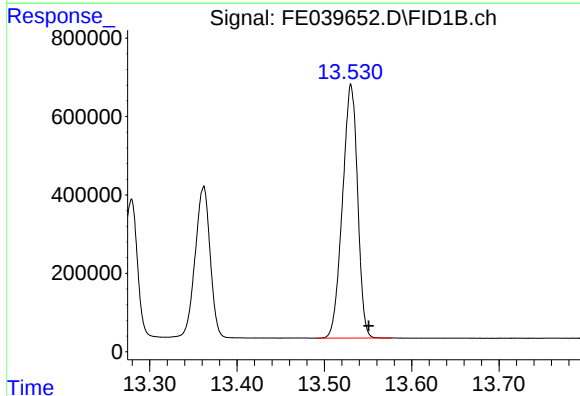
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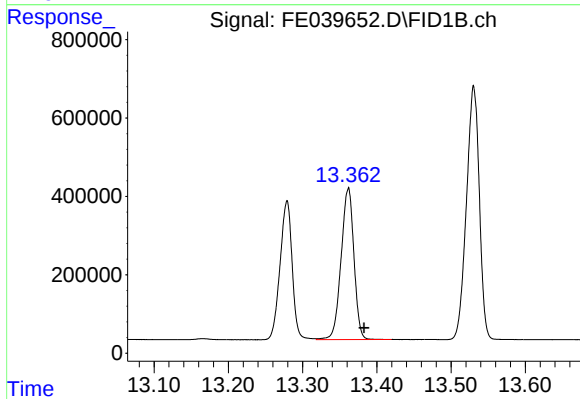
#10 n-Eicosane (C20)

R.T.: 12.920 min  
Delta R.T.: -0.018 min  
Response: 7832521  
Conc: 57.38 ug/ml



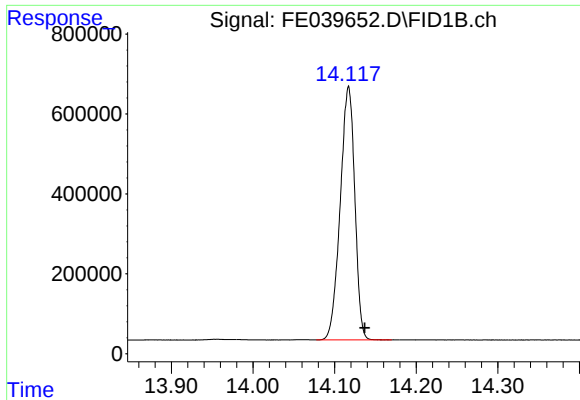
#11 n-Heneicosane (C21)

R.T.: 13.530 min  
Delta R.T.: -0.021 min  
Response: 7803533  
Conc: 57.21 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min  
Delta R.T.: -0.021 min  
Response: 4655861  
Conc: 40.45 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min  
Delta R.T.: -0.020 min  
Response: 7867731  
Conc: 58.16 ug/ml

Instrument :

FID\_E

ClientSampleId :

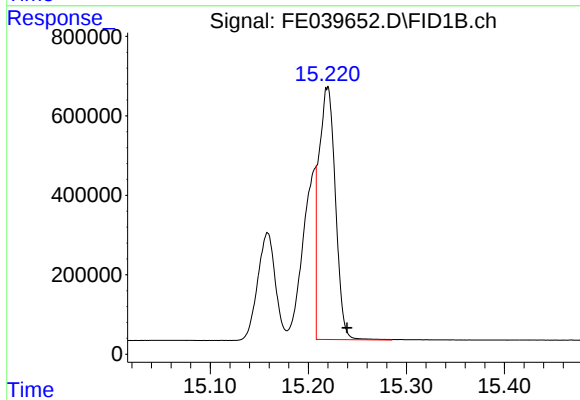
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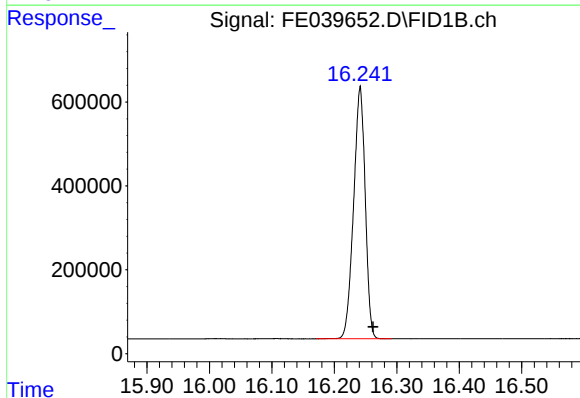
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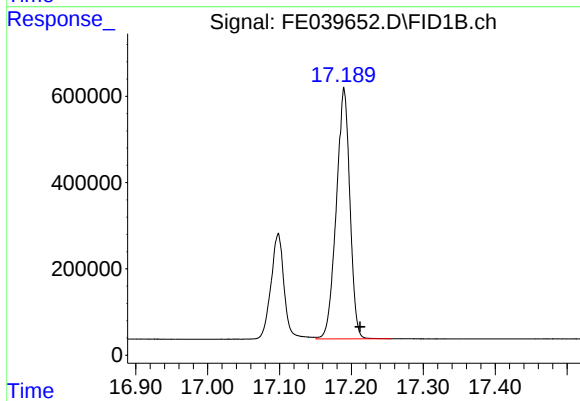
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: -0.020 min  
Response: 7357913  
Conc: 54.81 ug/ml m



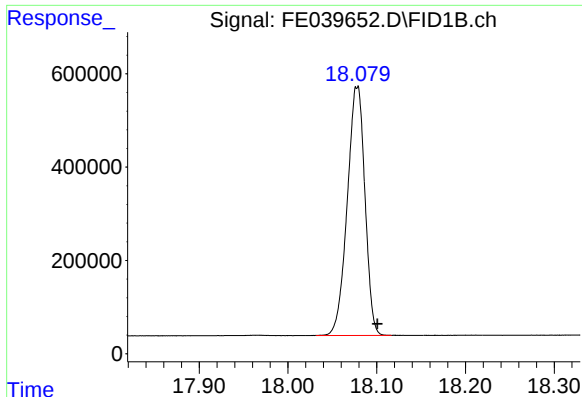
#15 n-Hexacosane (C26)

R.T.: 16.241 min  
Delta R.T.: -0.021 min  
Response: 7766084  
Conc: 59.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min  
Delta R.T.: -0.022 min  
Response: 7646210  
Conc: 59.41 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.079 min  
Delta R.T.: -0.022 min  
Response: 7379800  
Conc: 57.32 ug/ml

Instrument :

FID\_E

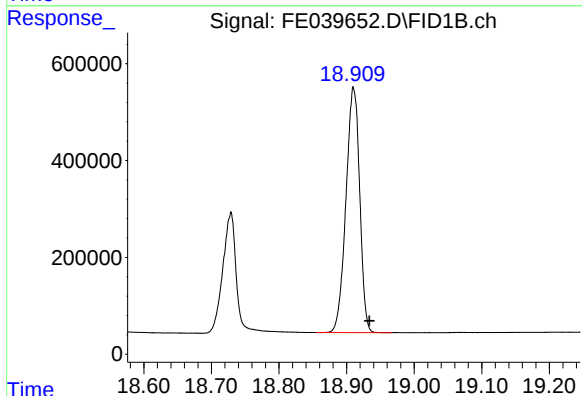
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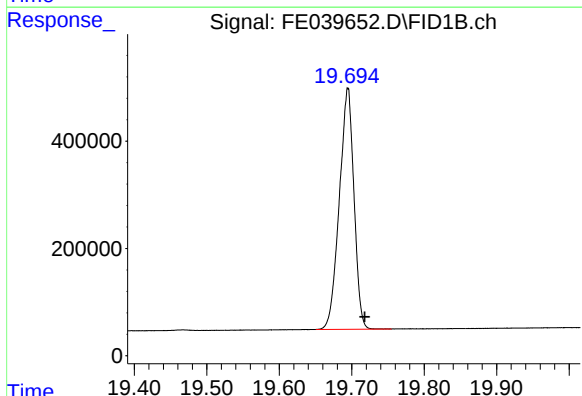
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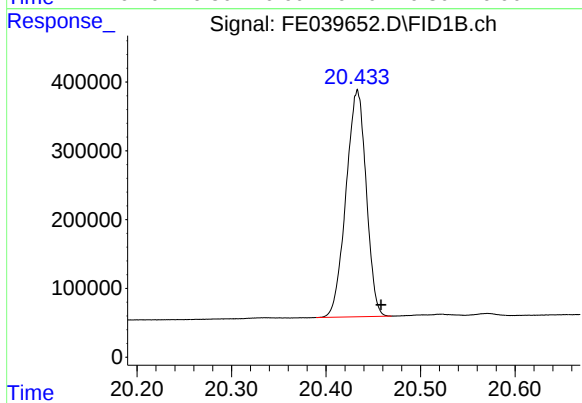
#18 n-Dotriacontane (C32)

R.T.: 18.910 min  
Delta R.T.: -0.024 min  
Response: 7151154  
Conc: 55.22 ug/ml



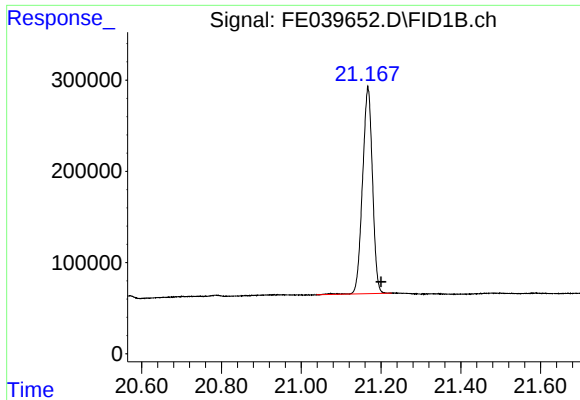
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min  
Delta R.T.: -0.023 min  
Response: 6310464  
Conc: 50.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min  
Delta R.T.: -0.025 min  
Response: 4893130  
Conc: 40.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.167 min  
Delta R.T.: -0.032 min  
Response: 3926018  
Conc: 31.79 ug/ml

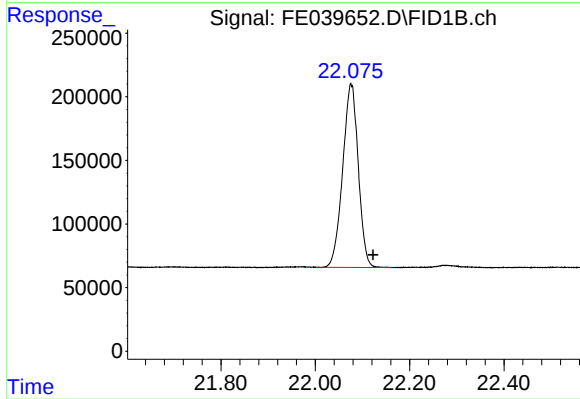
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#22 n-Tetracontane (C40)

R.T.: 22.076 min  
Delta R.T.: -0.047 min  
Response: 3307287  
Conc: 26.34 ug/ml