

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041723AL\  
 Data File : FE041393.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Apr 2023 21:10  
 Operator : YP\AJ  
 Sample : 02370-01MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 HR-04-041423MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/18/2023  
 Supervised By :Ankita Jodhani 04/18/2023

Integration File: autoint1.e  
 Quant Time: Apr 18 01:03:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 25 06:32:15 2023  
 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)    | 11.843 | 5748951    | 30.589 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 61.18%        |
| 12) S 1-chlorooctadecane (S... | 13.301 | 78341648   | 544.494 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 1088.99%      |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.239  | 5288934    | 30.481 ug/ml  |
| 2) T n-Decane (C10)            | 4.487  | 6214375    | 36.508 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.188  | 7246353    | 39.617 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.651  | 7435801    | 42.867 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.284  | 7403846    | 44.705 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.480  | 8038907    | 46.104 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.086 | 8513700    | 47.869 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.530 | 8493690    | 47.570 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.840 | 8241913    | 48.319 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.456 | 7913187    | 46.772 ug/ml  |
| 13) T n-Docosane (C22)         | 14.041 | 7657307    | 46.272 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.143 | 14788667   | 91.409 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.169 | 7040045    | 45.415 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.120 | 7102064    | 46.364 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.011 | 7160984    | 46.848 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.845 | 7213695    | 46.204 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.632 | 7093379    | 45.773 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.377 | 6989761    | 46.016 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.104 | 6800136    | 43.530 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.992 | 6939219    | 43.478 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 17 Apr 2023 21:10  
Operator : YP\AJ  
Sample : 02370-01MS  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

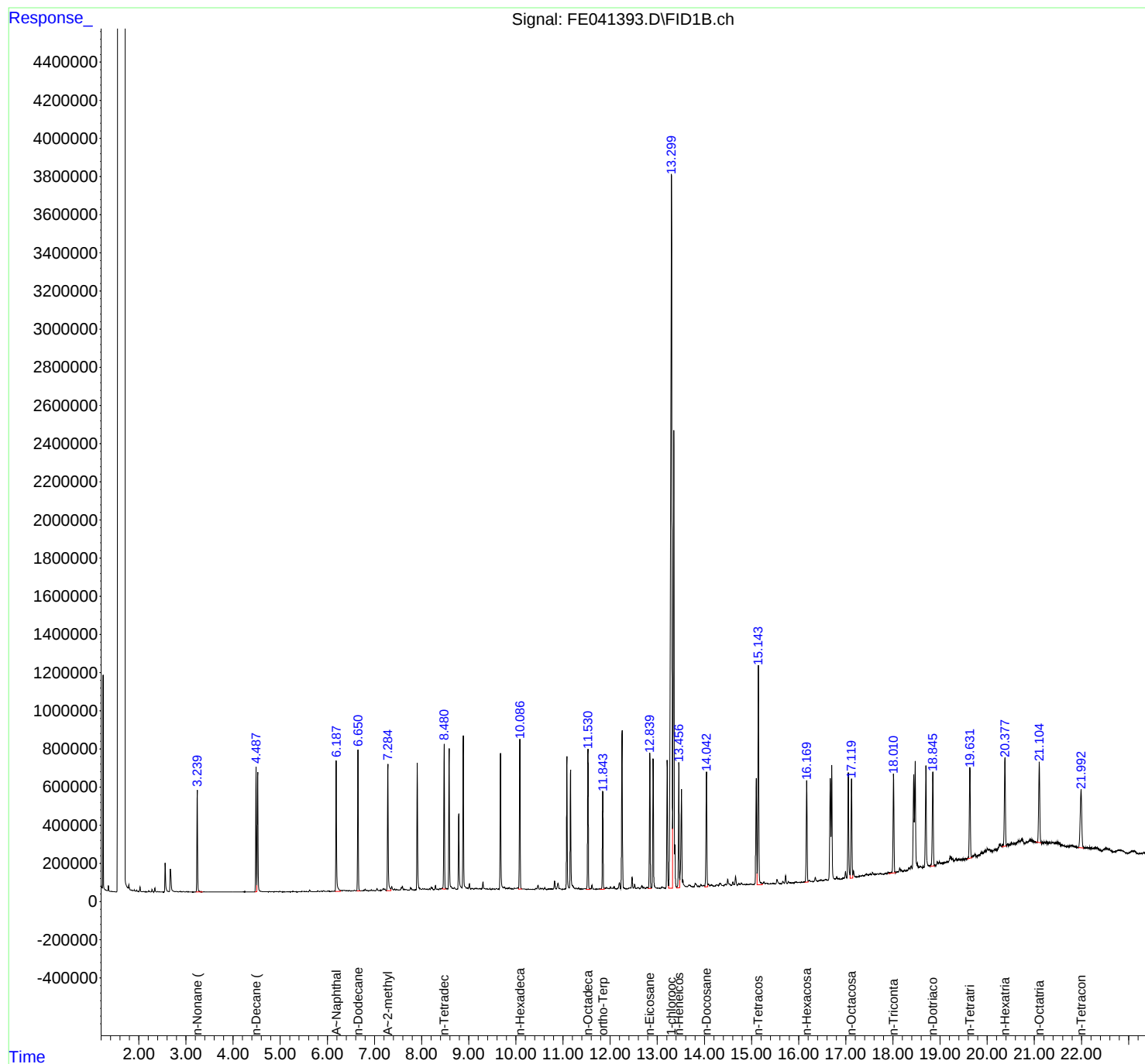
Instrument :  
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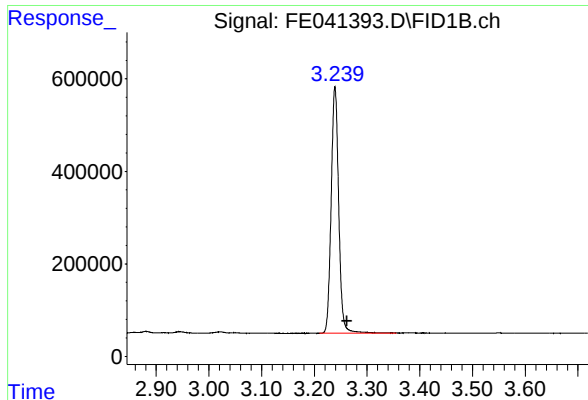
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Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.239 min  
Delta R.T.: -0.023 min  
Response: 5288934  
Conc: 30.48 ug/ml

Instrument :

FID\_E

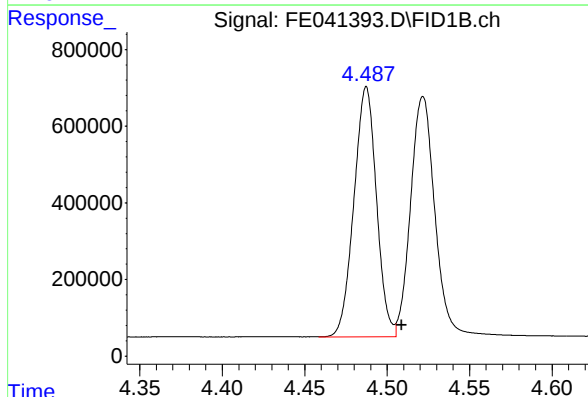
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HR-04-041423MS

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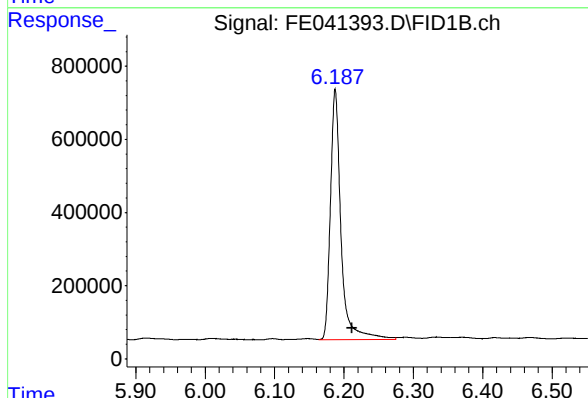
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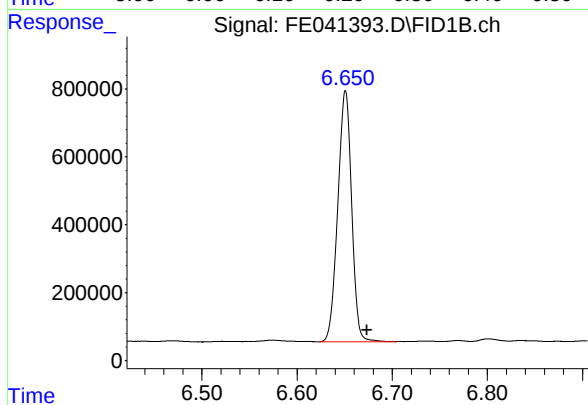
#2 n-Decane (C10)

R.T.: 4.487 min  
Delta R.T.: -0.022 min  
Response: 6214375  
Conc: 36.51 ug/ml



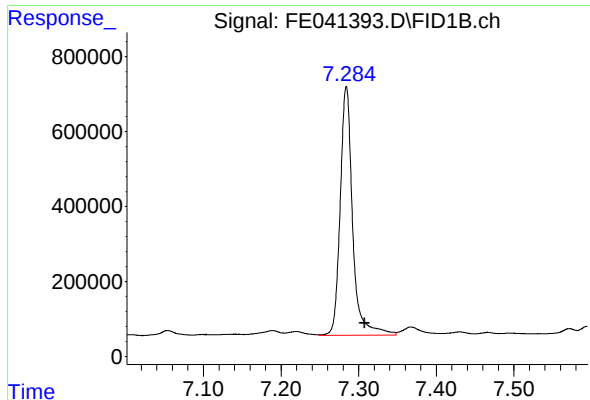
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min  
Delta R.T.: -0.024 min  
Response: 7246353  
Conc: 39.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min  
Delta R.T.: -0.023 min  
Response: 7435801  
Conc: 42.87 ug/ml



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

R.T.: 7.284 min  
Delta R.T.: -0.023 min  
Response: 7403846  
Conc: 44.71 ug/ml

Instrument :

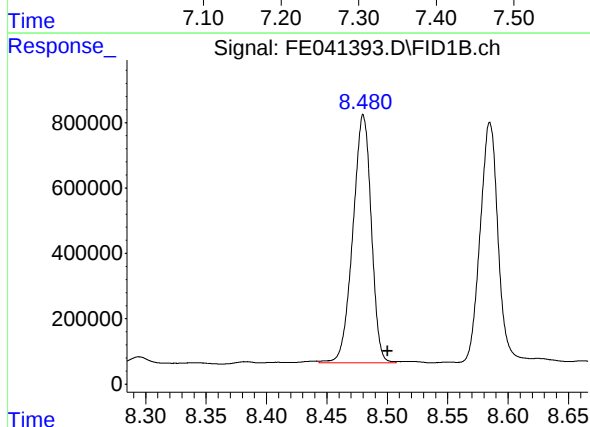
FID\_E

ClientSampleId :

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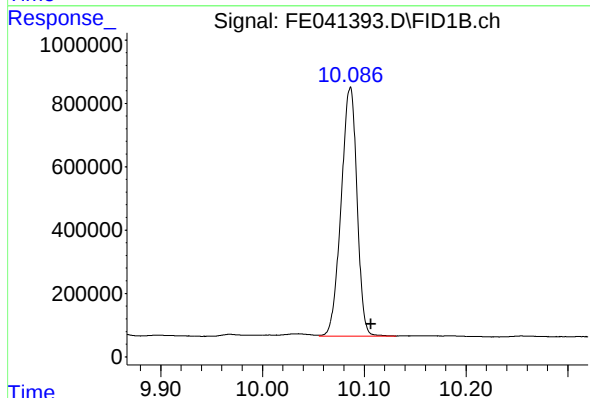
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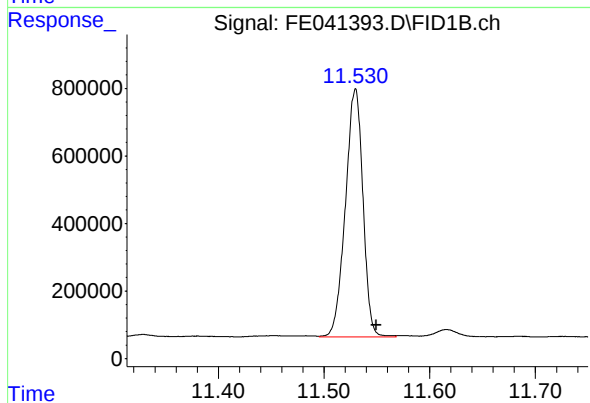
#6 n-Tetradecane (C14)

R.T.: 8.480 min  
Delta R.T.: -0.021 min  
Response: 8038907  
Conc: 46.10 ug/ml



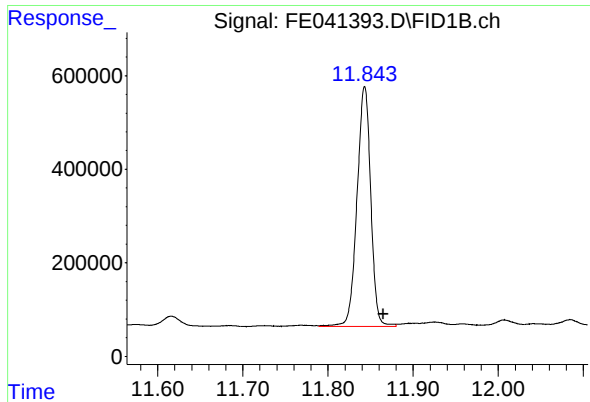
#7 n-Hexadecane (C16)

R.T.: 10.086 min  
Delta R.T.: -0.020 min  
Response: 8513700  
Conc: 47.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min  
Delta R.T.: -0.020 min  
Response: 8493690  
Conc: 47.57 ug/ml



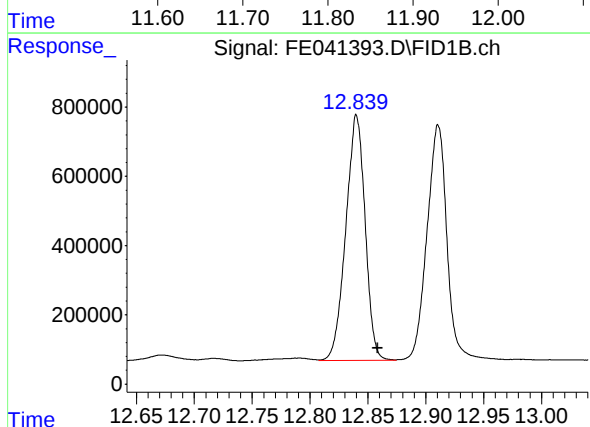
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min  
Delta R.T.: -0.022 min  
Response: 5748951  
Conc: 30.59 ug/ml

Instrument :  
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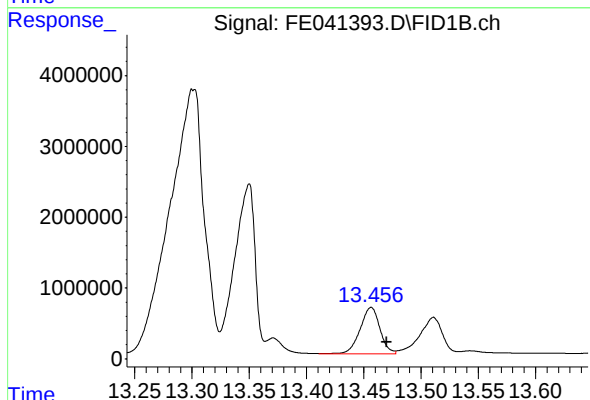
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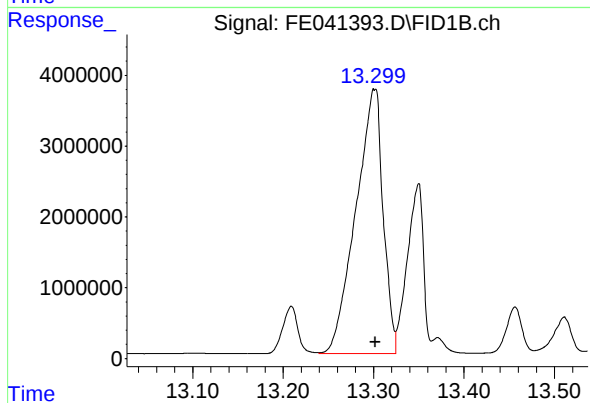
#10 n-Eicosane (C20)

R.T.: 12.840 min  
Delta R.T.: -0.018 min  
Response: 8241913  
Conc: 48.32 ug/ml



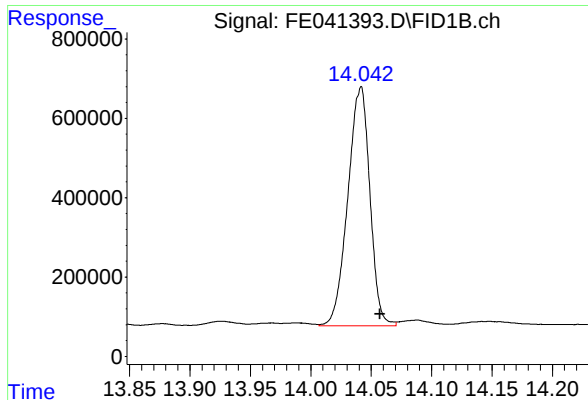
#11 n-Heneicosane (C21)

R.T.: 13.456 min  
Delta R.T.: -0.013 min  
Response: 7913187  
Conc: 46.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.301 min  
Delta R.T.: 0.000 min  
Response: 78341648  
Conc: 544.49 ug/ml



#13 n-Docosane (C22)

R.T.: 14.041 min  
Delta R.T.: -0.016 min  
Response: 7657307  
Conc: 46.27 ug/ml

Instrument :

FID\_E

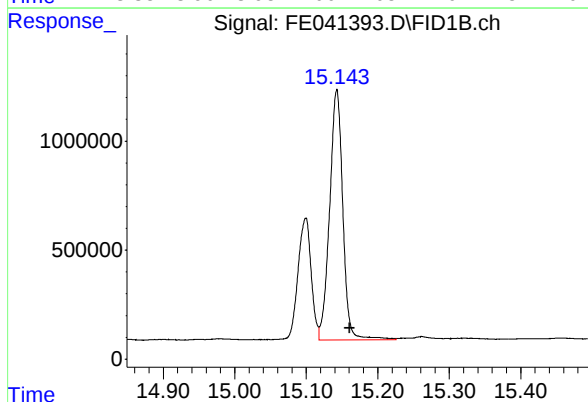
ClientSampleId :

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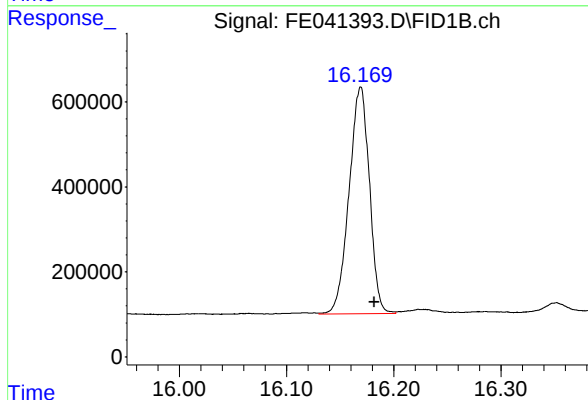
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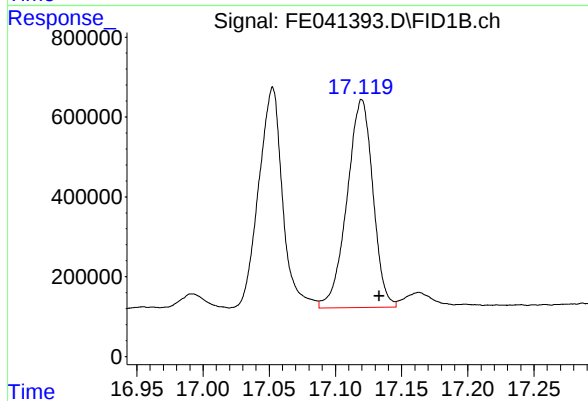
#14 n-Tetracosane (C24)

R.T.: 15.143 min  
Delta R.T.: -0.018 min  
Response: 14788667  
Conc: 91.41 ug/ml



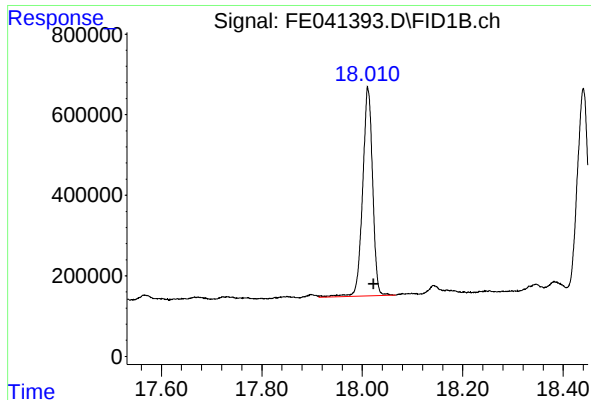
#15 n-Hexacosane (C26)

R.T.: 16.169 min  
Delta R.T.: -0.013 min  
Response: 7040045  
Conc: 45.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.120 min  
Delta R.T.: -0.013 min  
Response: 7102064  
Conc: 46.36 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.011 min  
Delta R.T.: -0.011 min  
Response: 7160984  
Conc: 46.85 ug/ml

Instrument :

FID\_E

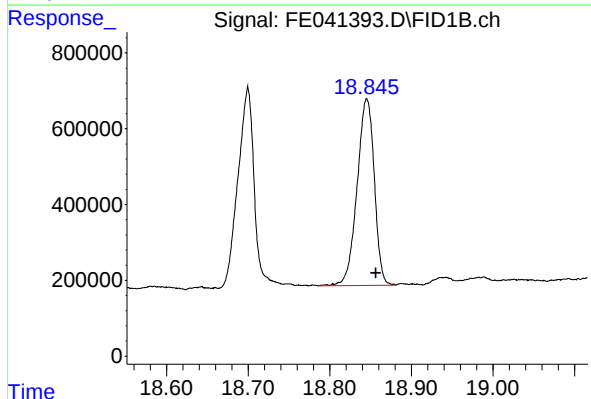
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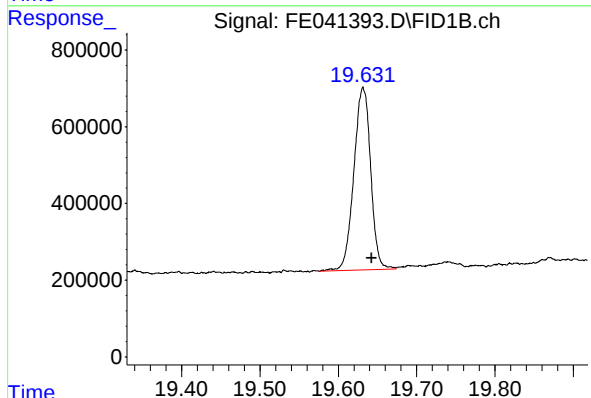
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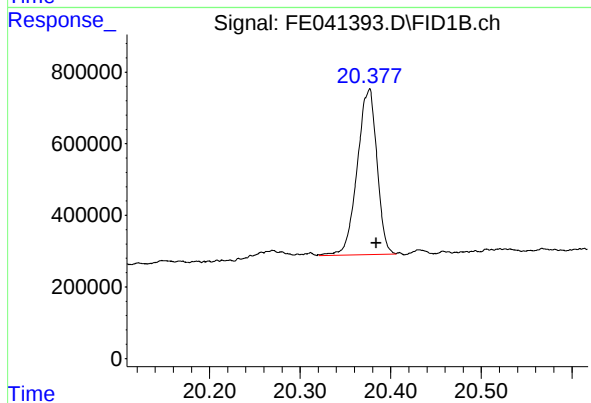
#18 n-Dotriacontane (C32)

R.T.: 18.845 min  
Delta R.T.: -0.011 min  
Response: 7213695  
Conc: 46.20 ug/ml



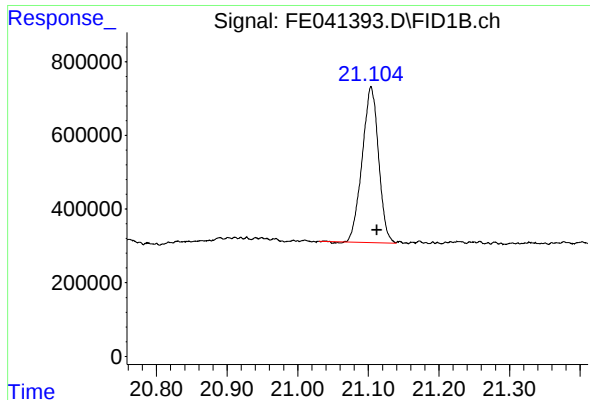
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min  
Delta R.T.: -0.011 min  
Response: 7093379  
Conc: 45.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min  
Delta R.T.: -0.007 min  
Response: 6989761  
Conc: 46.02 ug/ml m



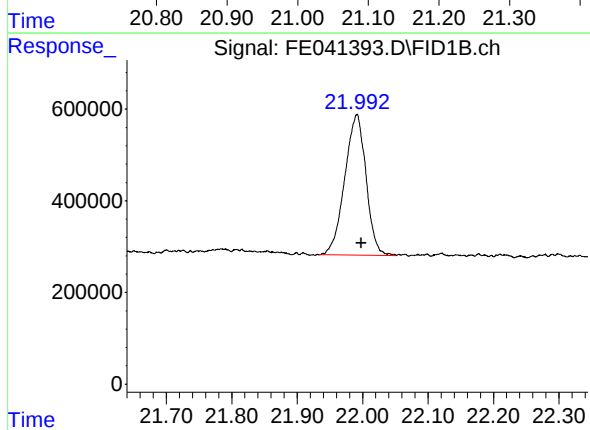
#21 n-Octatriacontane (C38)

R.T.: 21.104 min  
Delta R.T.: -0.008 min  
Response: 6800136  
Conc: 43.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.992 min  
Delta R.T.: -0.006 min  
Response: 6939219  
Conc: 43.48 ug/ml m