

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051923AL\  
 Data File : FE042000.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 May 2023 19:51  
 Operator : YP\AJ  
 Sample : 02825-01MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 OK-01-051723MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/19/2023  
 Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e  
 Quant Time: May 19 01:42:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.971 | 5180095    | 29.336 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.67%        |
| 12) S 1-chlorooctadecane (S... | 13.407 | 4176907    | 31.434 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 62.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.348  | 3277881    | 22.732 ug/ml  |
| 2) T n-Decane (C10)            | 4.602  | 3671368    | 24.800 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.309  | 4233219    | 25.945 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.770  | 4083458    | 27.231 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.406  | 4289061    | 27.026 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.601  | 4535171    | 30.273 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.208 | 5086221    | 32.652 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.652 | 5176237    | 32.733 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.962 | 5196550    | 34.282 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.575 | 4920980    | 33.215 ug/ml  |
| 13) T n-Docosane (C22)         | 14.161 | 4843165    | 33.037 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.255 | 8703464    | 60.292 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.287 | 4500086    | 32.492 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.237 | 4293070    | 32.066 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.128 | 4463578    | 33.066 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.960 | 4401075    | 32.944 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.744 | 4681894    | 35.601 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.484 | 4300788    | 33.090 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.240 | 4697438    | 34.623 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.181 | 4513767    | 32.445 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 02825-01MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

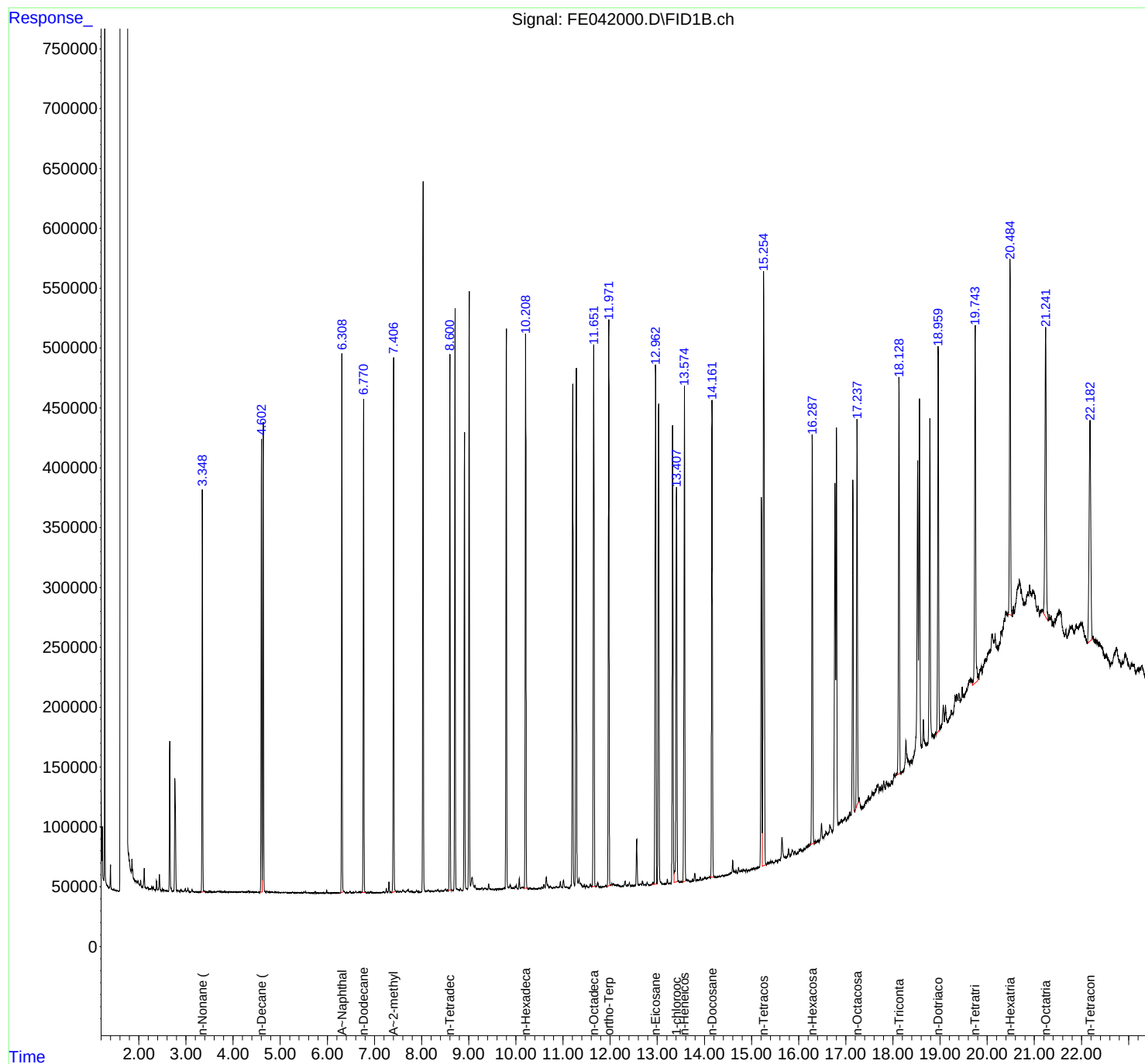
Instrument :  
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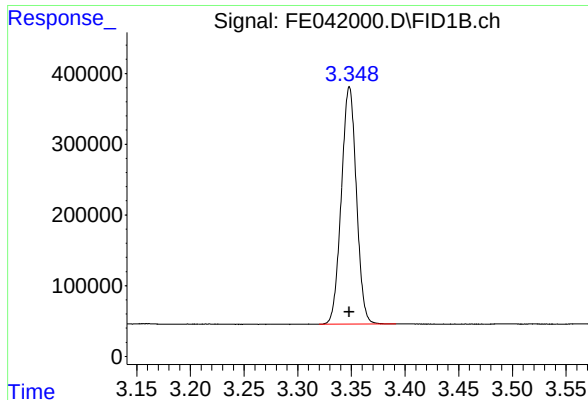
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Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.348 min  
Delta R.T.: 0.000 min  
Response: 3277881  
Conc: 22.73 ug/ml

Instrument :

FID\_E

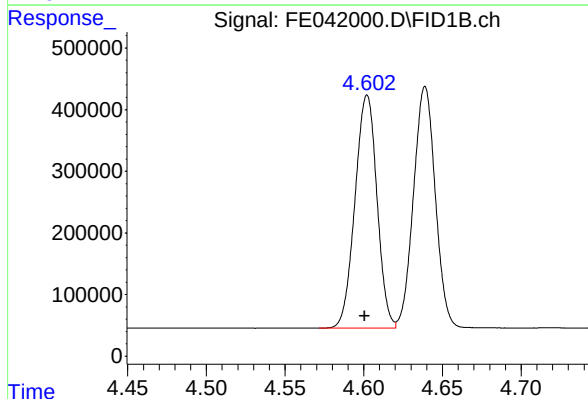
ClientSampleId :

OK-01-051723MS

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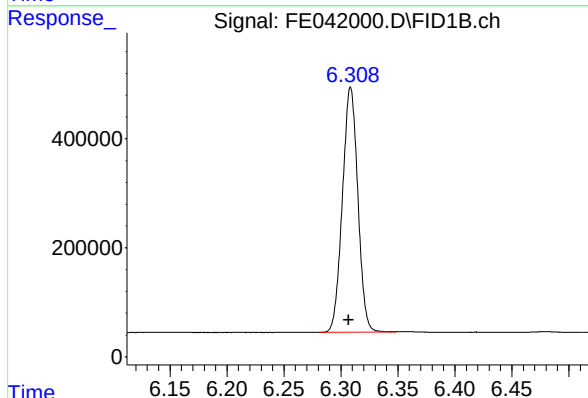
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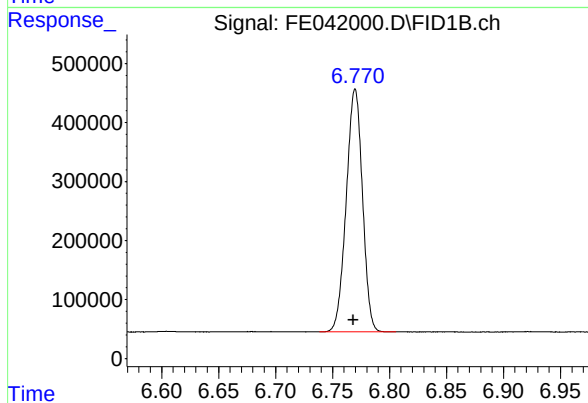
#2 n-Decane (C10)

R.T.: 4.602 min  
Delta R.T.: 0.002 min  
Response: 3671368  
Conc: 24.80 ug/ml



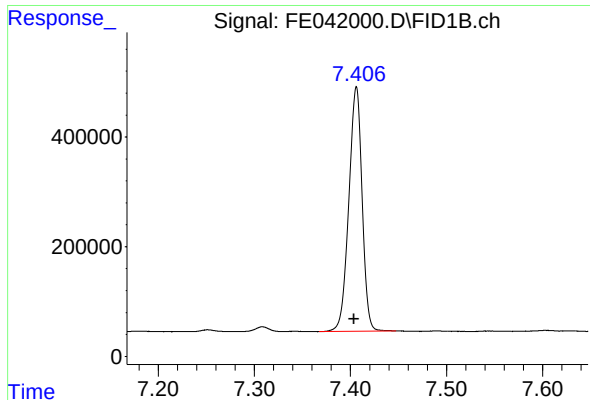
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min  
Delta R.T.: 0.002 min  
Response: 4233219  
Conc: 25.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 4083458  
Conc: 27.23 ug/ml



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

R.T.: 7.406 min  
Delta R.T.: 0.003 min  
Response: 4289061  
Conc: 27.03 ug/ml

Instrument :

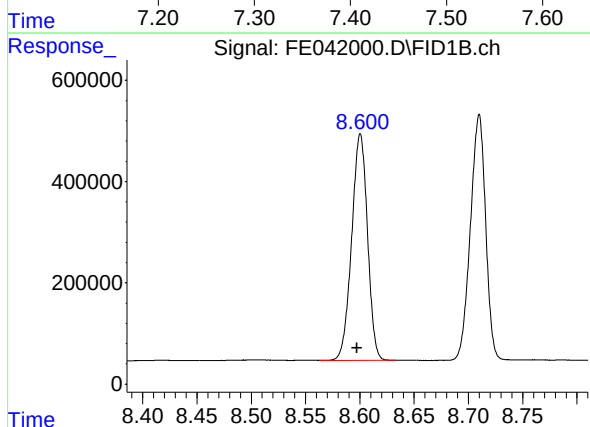
FID\_E

ClientSampleId :

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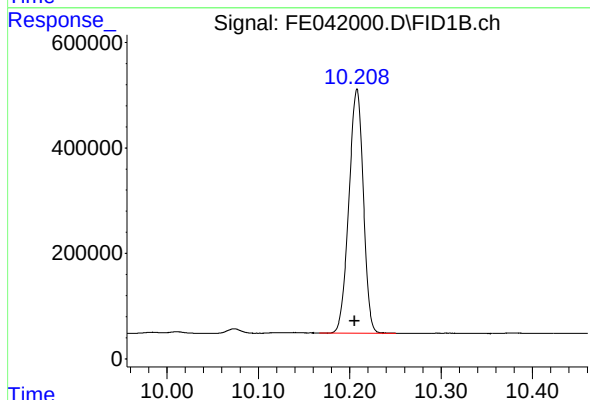
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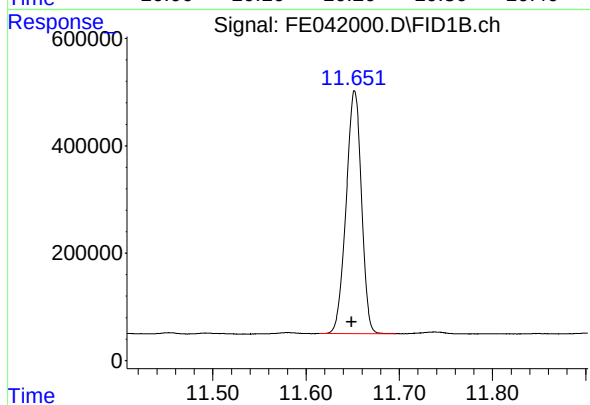
#6 n-Tetradecane (C14)

R.T.: 8.601 min  
Delta R.T.: 0.003 min  
Response: 4535171  
Conc: 30.27 ug/ml



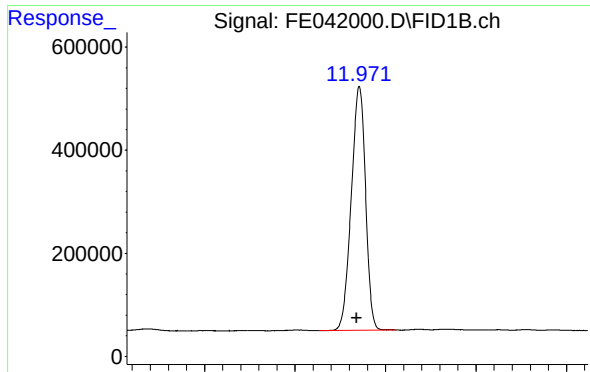
#7 n-Hexadecane (C16)

R.T.: 10.208 min  
Delta R.T.: 0.003 min  
Response: 5086221  
Conc: 32.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min  
Delta R.T.: 0.003 min  
Response: 5176237  
Conc: 32.73 ug/ml



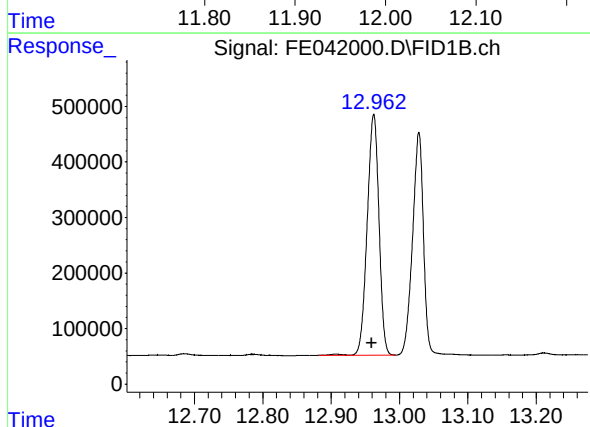
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min  
Delta R.T.: 0.003 min  
Response: 5180095  
Conc: 29.34 ug/ml

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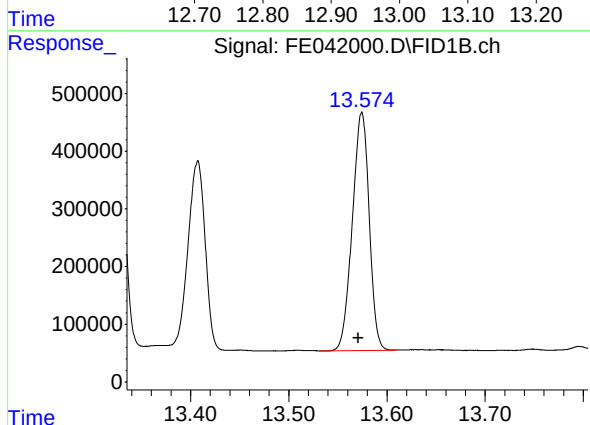
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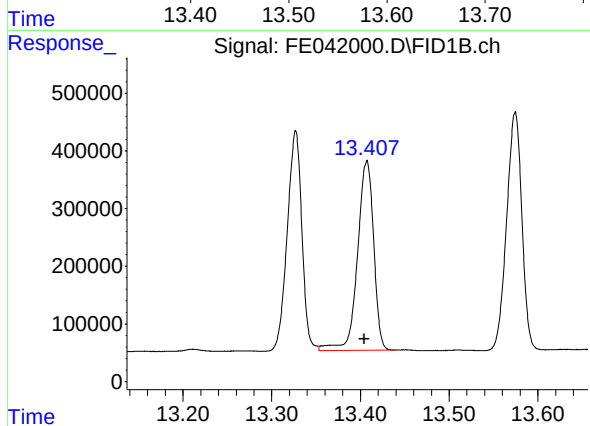
#10 n-Eicosane (C20)

R.T.: 12.962 min  
Delta R.T.: 0.003 min  
Response: 5196550  
Conc: 34.28 ug/ml



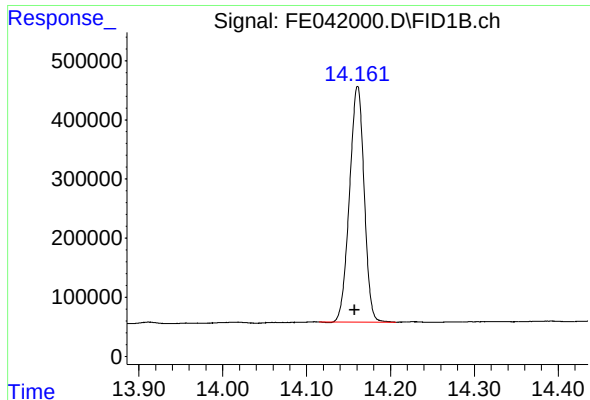
#11 n-Heneicosane (C21)

R.T.: 13.575 min  
Delta R.T.: 0.004 min  
Response: 4920980  
Conc: 33.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min  
Delta R.T.: 0.003 min  
Response: 4176907  
Conc: 31.43 ug/ml



#13 n-Docosane (C22)

R.T.: 14.161 min  
Delta R.T.: 0.004 min  
Response: 4843165  
Conc: 33.04 ug/ml

Instrument :

FID\_E

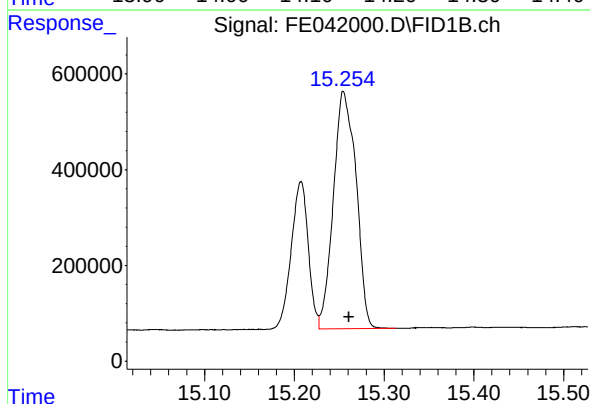
ClientSampleId :

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Manual Integrations

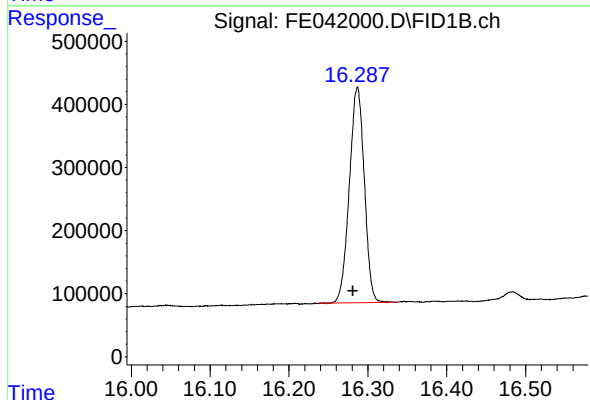
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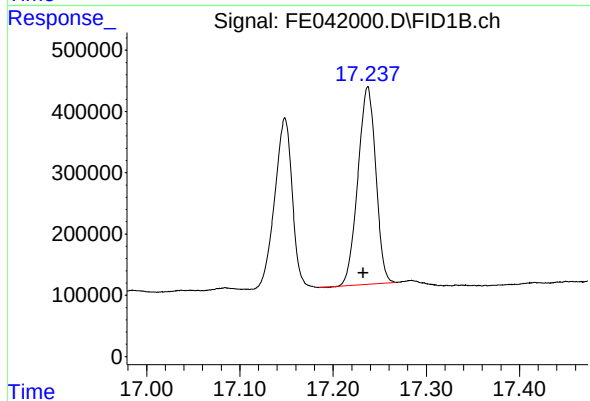
#14 n-Tetracosane (C24)

R.T.: 15.255 min  
Delta R.T.: -0.006 min  
Response: 8703464  
Conc: 60.29 ug/ml



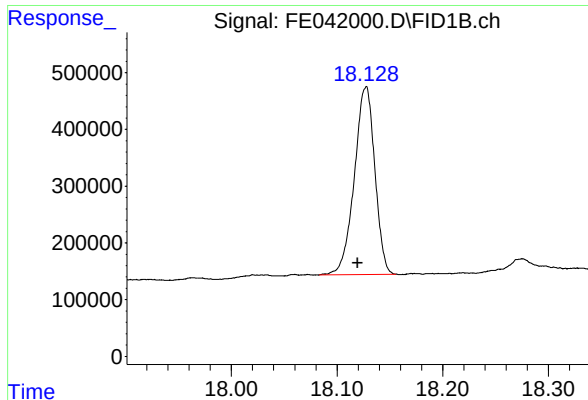
#15 n-Hexacosane (C26)

R.T.: 16.287 min  
Delta R.T.: 0.006 min  
Response: 4500086  
Conc: 32.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min  
Delta R.T.: 0.005 min  
Response: 4293070  
Conc: 32.07 ug/ml



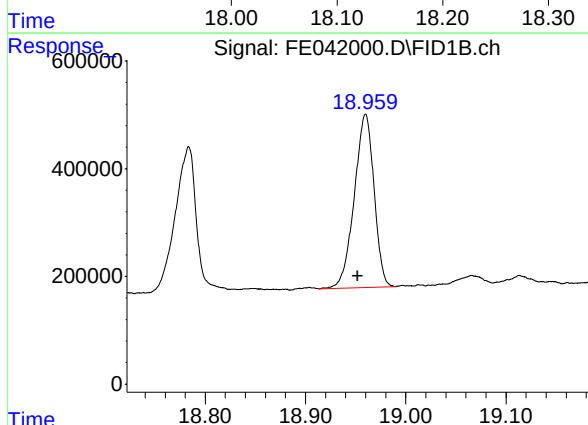
#17 n-Tricontane (C30)

R.T.: 18.128 min  
Delta R.T.: 0.008 min  
Response: 4463578  
Conc: 33.07 ug/ml

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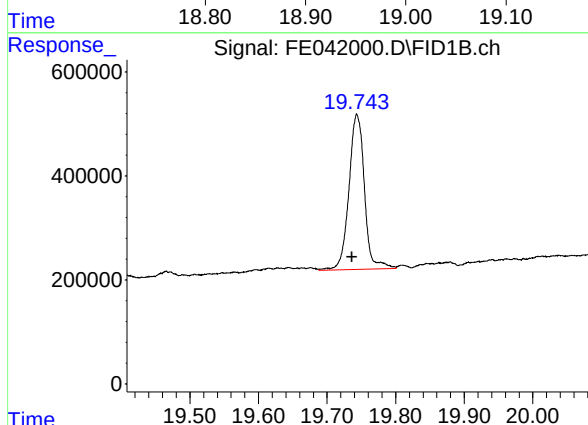
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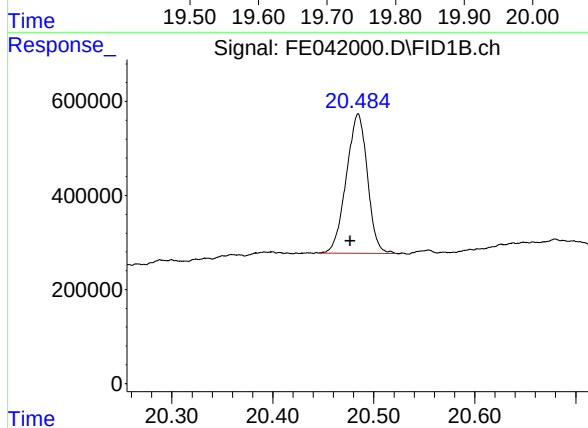
#18 n-Dotriacontane (C32)

R.T.: 18.960 min  
Delta R.T.: 0.008 min  
Response: 4401075  
Conc: 32.94 ug/ml



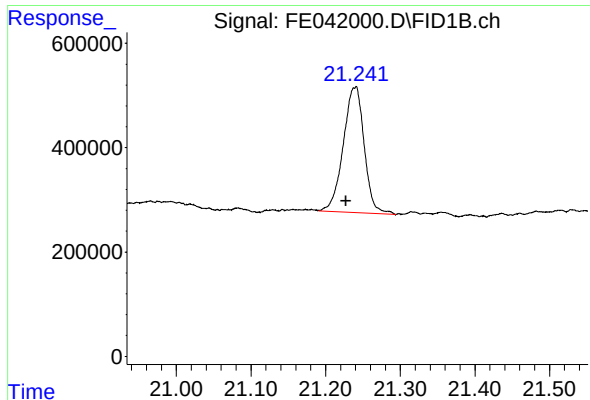
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min  
Delta R.T.: 0.007 min  
Response: 4681894  
Conc: 35.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min  
Delta R.T.: 0.007 min  
Response: 4300788  
Conc: 33.09 ug/ml m



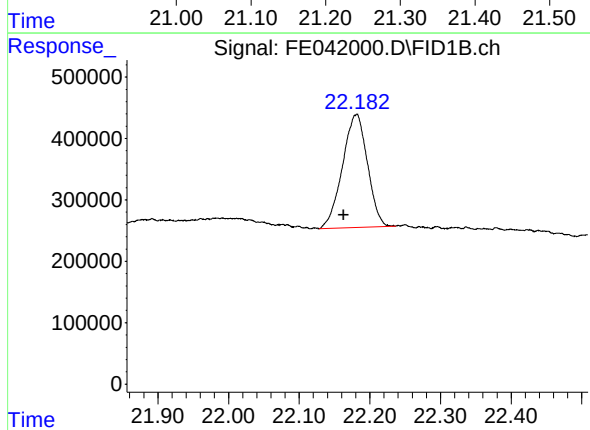
#21 n-Octatriacontane (C38)

R.T.: 21.240 min  
Delta R.T.: 0.013 min  
Response: 4697438  
Conc: 34.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.181 min  
Delta R.T.: 0.018 min  
Response: 4513767  
Conc: 32.45 ug/ml