

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071221AL\  
 Data File : FC054649.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Jul 2021 19:36  
 Operator : DD\AJ  
 Sample : M3001-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 13 04:22:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 062521.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 26 02:10:35 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.322  | 39309012   | 277.664 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 555.33%       |
| 12) S 1-chlorooctadecane (S... | 12.763  | 73505809   | 659.391 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 1318.78%      |
|                                |         |            |               |
| Target Compounds               |         |            |               |
| 6) T n-Tetradecane (C14)       | 8.017   | 1585733    | 13.015 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.563   | 35104193   | 281.824 ug/ml |
| 8) T n-Octadecane (C18)        | 11.009  | 45121838   | 349.352 ug/ml |
| 10) T n-Eicosane (C20)         | 12.309  | 115175871  | 885.148 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.919  | 56799247   | 427.805 ug/ml |
| 13) T n-Docosane (C22)         | 13.502  | 19350472   | 146.062 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.638  | 25073692   | 185.224 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.632  | 8449554    | 62.355 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.607  | 2478558    | 18.058 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.462  | 590347     | 4.262 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.271  | 1284890    | 9.392 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.095  | 501465     | 3.711 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 19.783f | 158656     | 1.285 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.378  | 508186     | 4.496 ug/ml   |
| -----                          |         |            |               |

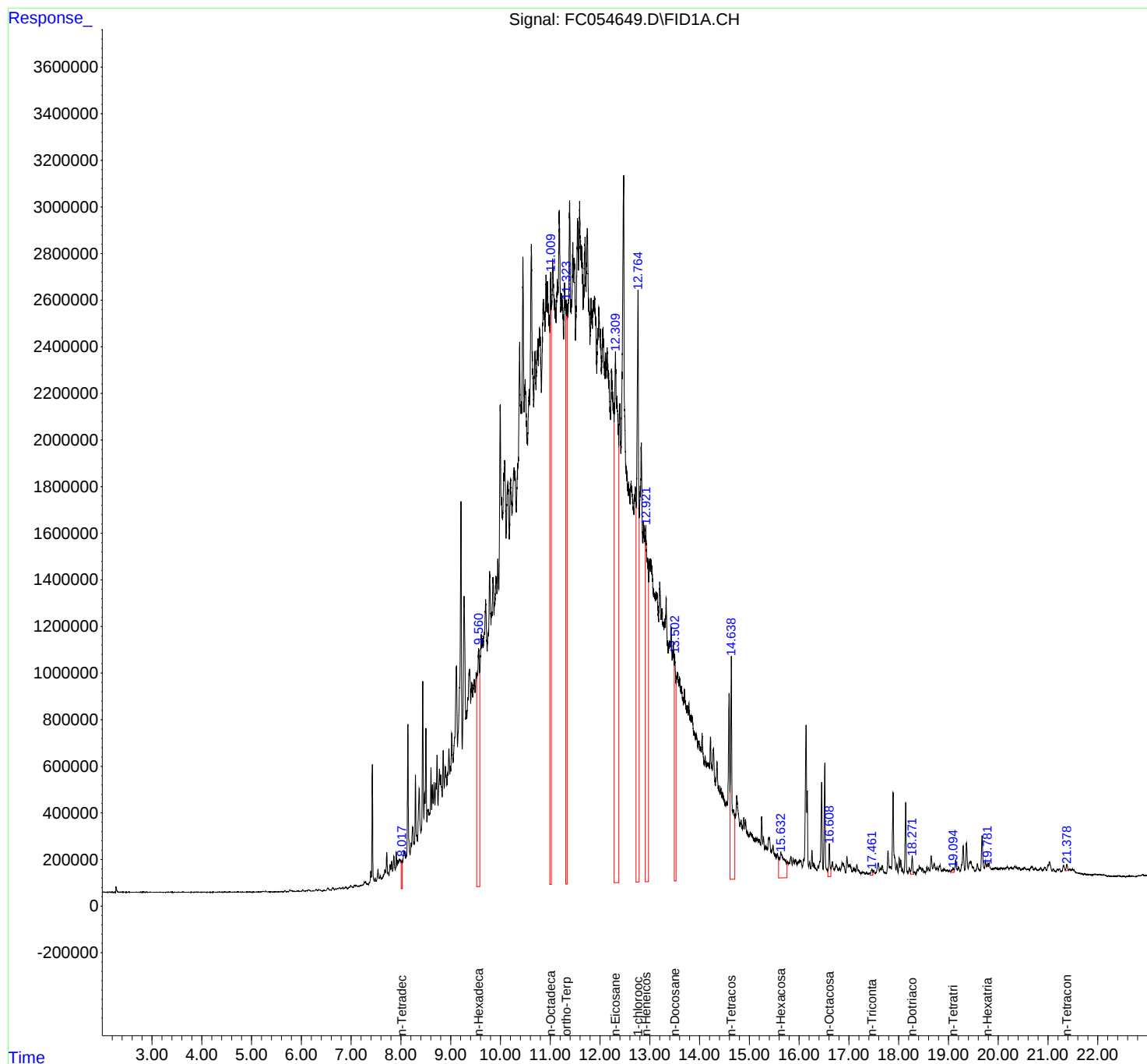
(f)=RT Delta > 1/2 Window

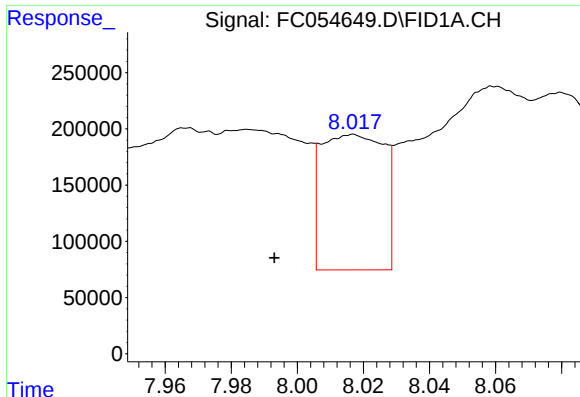
(m)=manual int.

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Sample : M3001-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

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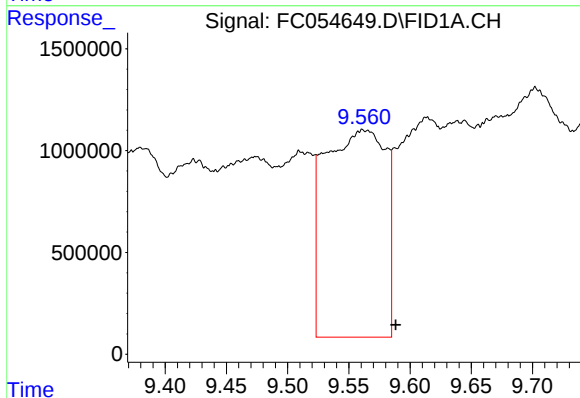
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





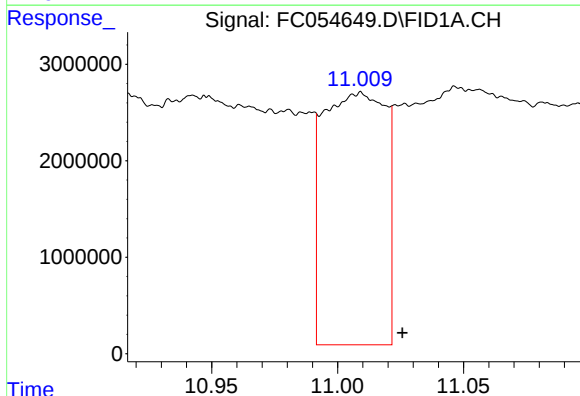
#6 n-Tetradecane (C14)

R.T.: 8.017 min  
Delta R.T.: 0.024 min  
Response: 1585733  
Conc: 13.02 ug/ml



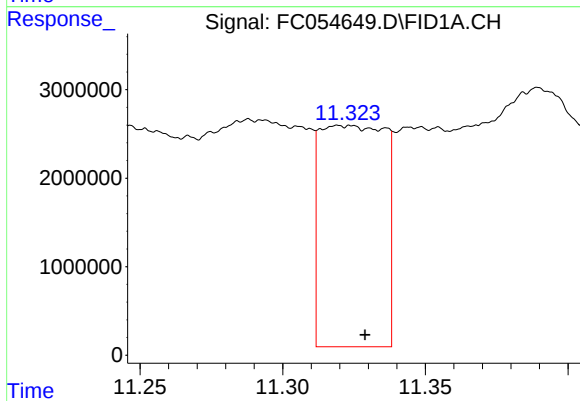
#7 n-Hexadecane (C16)

R.T.: 9.563 min  
Delta R.T.: -0.026 min  
Response: 35104193  
Conc: 281.82 ug/ml



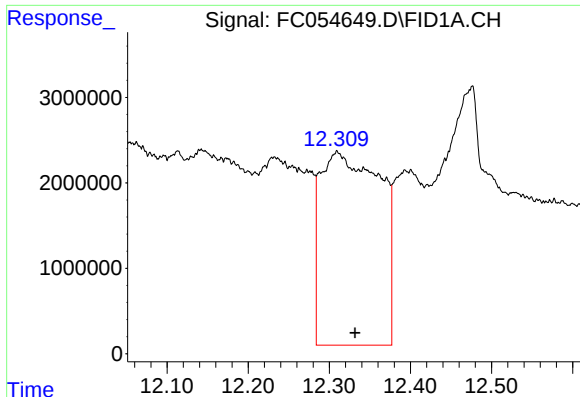
#8 n-Octadecane (C18)

R.T.: 11.009 min  
Delta R.T.: -0.017 min  
Response: 45121838  
Conc: 349.35 ug/ml



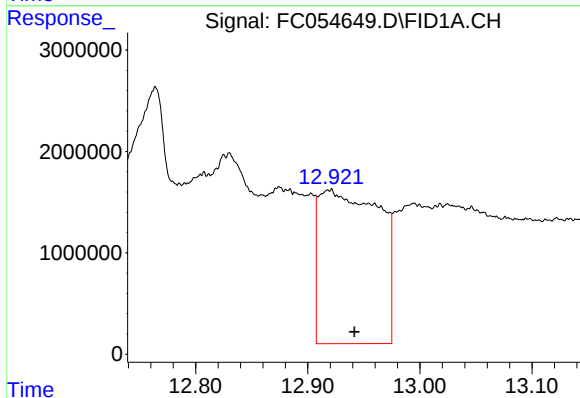
#9 ortho-Terphenyl (SURR)

R.T.: 11.322 min  
Delta R.T.: -0.007 min  
Response: 39309012  
Conc: 277.66 ug/ml



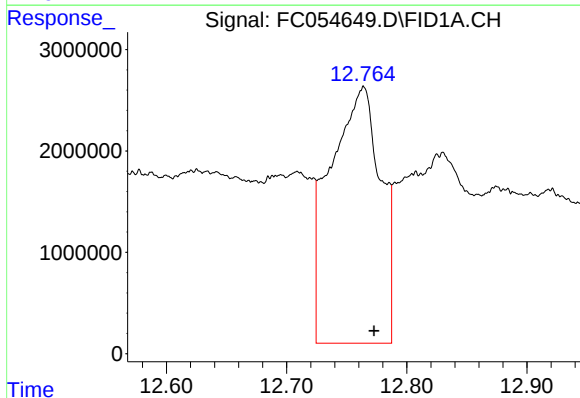
#10 n-Eicosane (C20)

R.T.: 12.309 min  
Delta R.T.: -0.022 min  
Response: 115175871  
Conc: 885.15 ug/ml



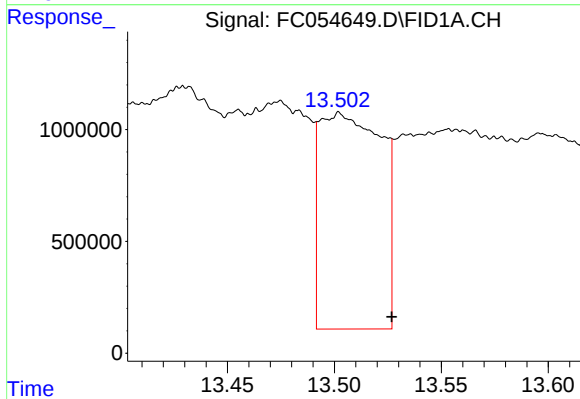
#11 n-Heneicosane (C21)

R.T.: 12.919 min  
Delta R.T.: -0.023 min  
Response: 56799247  
Conc: 427.80 ug/ml



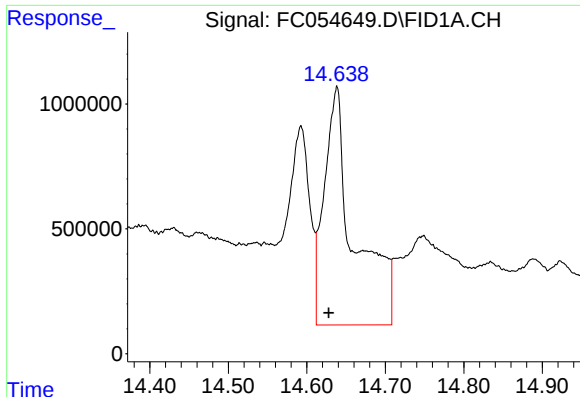
#12 1-chlorooctadecane (SURR)

R.T.: 12.763 min  
Delta R.T.: -0.009 min  
Response: 73505809  
Conc: 659.39 ug/ml



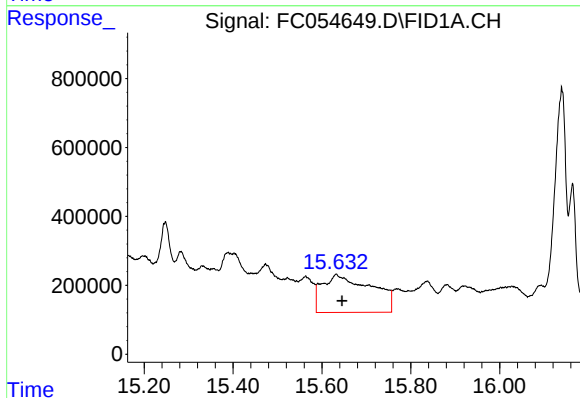
#13 n-Docosane (C22)

R.T.: 13.502 min  
Delta R.T.: -0.025 min  
Response: 19350472  
Conc: 146.06 ug/ml



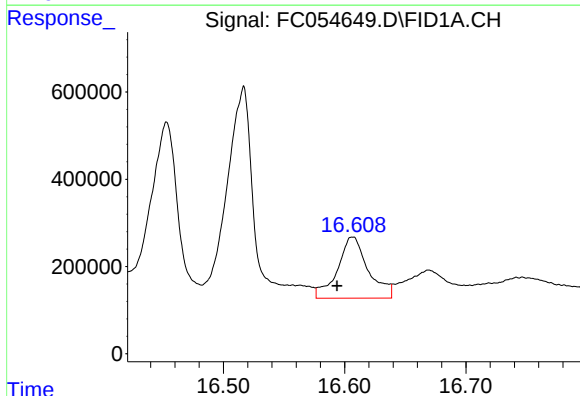
#14 n-Tetracosane (C24)

R.T.: 14.638 min  
Delta R.T.: 0.010 min  
Response: 25073692  
Conc: 185.22 ug/ml



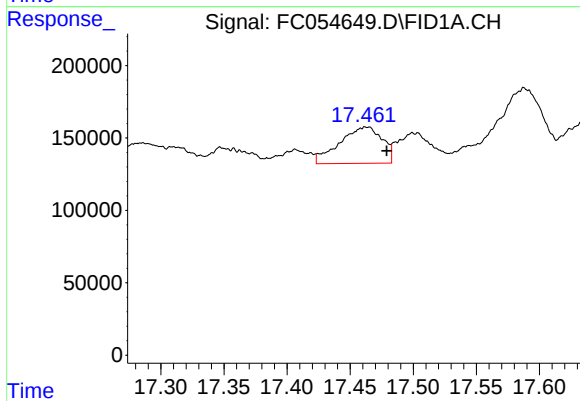
#15 n-Hexacosane (C26)

R.T.: 15.632 min  
Delta R.T.: -0.013 min  
Response: 8449554  
Conc: 62.36 ug/ml



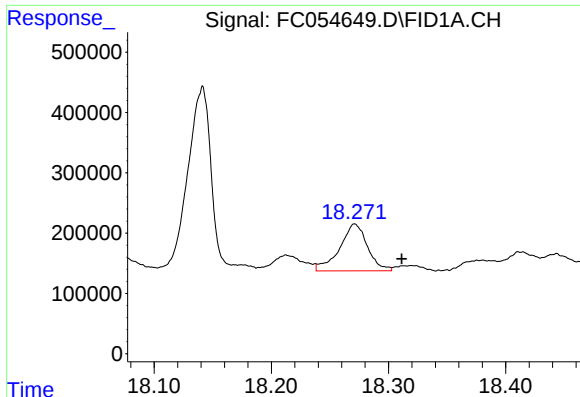
#16 n-Octacosane (C28)

R.T.: 16.607 min  
Delta R.T.: 0.013 min  
Response: 2478558  
Conc: 18.06 ug/ml



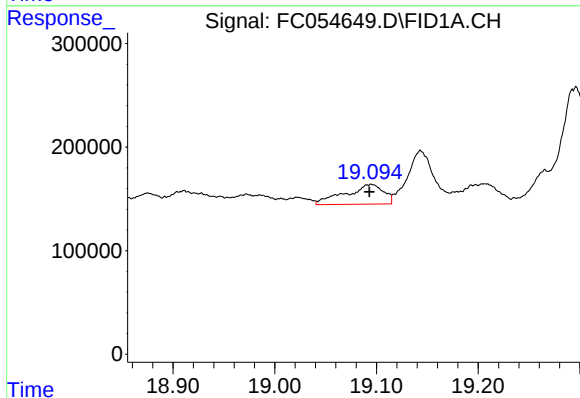
#17 n-Tricontane (C30)

R.T.: 17.462 min  
Delta R.T.: -0.017 min  
Response: 590347  
Conc: 4.26 ug/ml



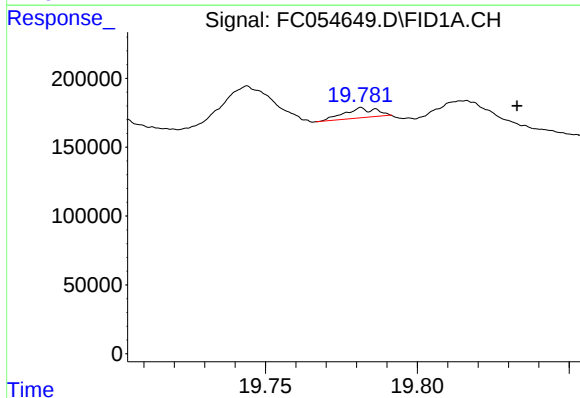
#18 n-Dotriacontane (C32)

R.T.: 18.271 min  
Delta R.T.: -0.040 min  
Response: 1284890  
Conc: 9.39 ug/ml



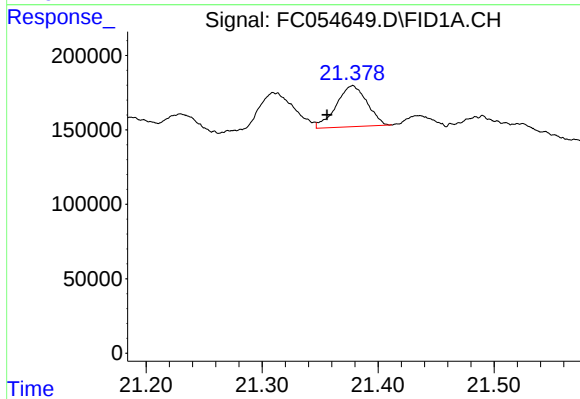
#19 n-Tetratriacontane (C34)

R.T.: 19.095 min  
Delta R.T.: 0.001 min  
Response: 501465  
Conc: 3.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.783 min  
Delta R.T.: -0.050 min  
Response: 158656  
Conc: 1.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.378 min  
Delta R.T.: 0.022 min  
Response: 508186  
Conc: 4.50 ug/ml