

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050124AL\  
 Data File : FC066279.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 May 2024 15:04  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 01 15:37:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050124.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 01 15:36:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

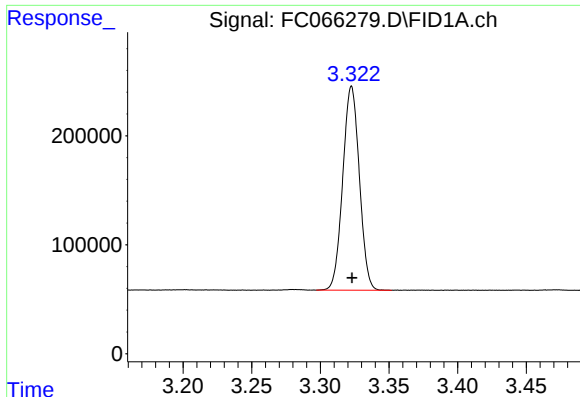
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.560 | 1719740    | 10.088 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.18%       |
| 12) S 1-chlorooctadecane (S... | 13.000 | 1270186    | 10.158 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.323  | 1574861    | 10.031 ug/ml |
| 2) T n-Decane (C10)            | 4.387  | 1602998    | 10.015 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.969  | 1768068    | 10.005 ug/ml |
| 4) T n-Dodecane (C12)          | 6.406  | 1596152    | 10.006 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.025  | 1710485    | 9.987 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.202  | 1546913    | 9.969 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.803  | 1596847    | 10.107 ug/ml |
| 8) T n-Octadecane (C18)        | 11.247 | 1586342    | 10.166 ug/ml |
| 10) T n-Eicosane (C20)         | 12.557 | 1513774    | 10.282 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.169 | 1461680    | 10.207 ug/ml |
| 13) T n-Docosane (C22)         | 13.756 | 1501067    | 10.519 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.859 | 1575159    | 11.058 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.880 | 1613903    | 11.539 ug/ml |
| 16) T n-Octacosane (C28)       | 16.831 | 1661794    | 12.057 ug/ml |
| 17) T n-Tricontane (C30)       | 17.719 | 1689952    | 12.237 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.553 | 1586800    | 12.072 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.336 | 1329415    | 11.019 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.077 | 1235592    | 10.320 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.811 | 1131176    | 10.283 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.722 | 1109585    | 10.190 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

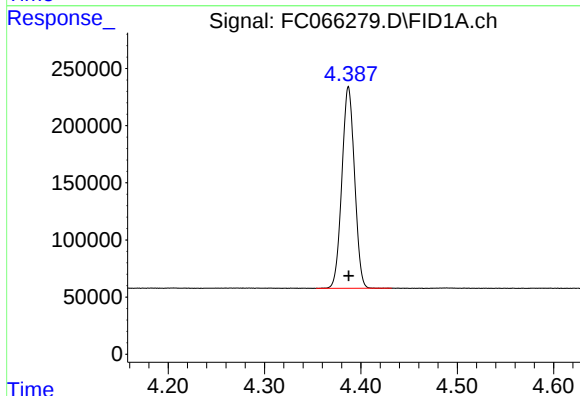




#1 n-Nonane (C9)

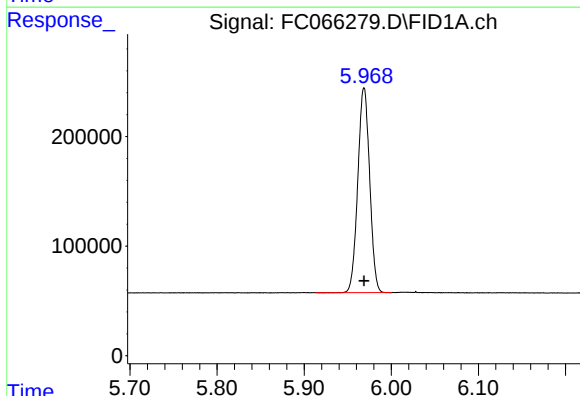
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 1574861  
Conc: 10.03 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



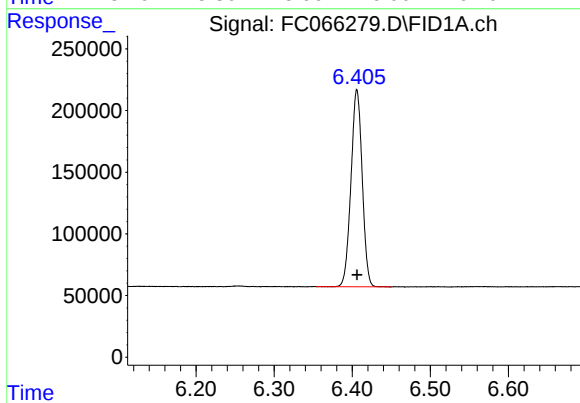
#2 n-Decane (C10)

R.T.: 4.387 min  
Delta R.T.: 0.000 min  
Response: 1602998  
Conc: 10.02 ug/ml



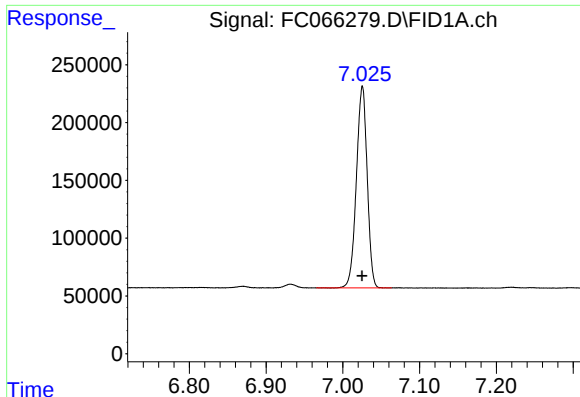
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 1768068  
Conc: 10.00 ug/ml



#4 n-Dodecane (C12)

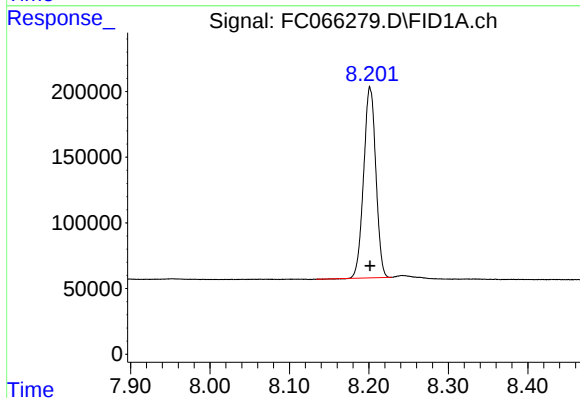
R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 1596152  
Conc: 10.01 ug/ml



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

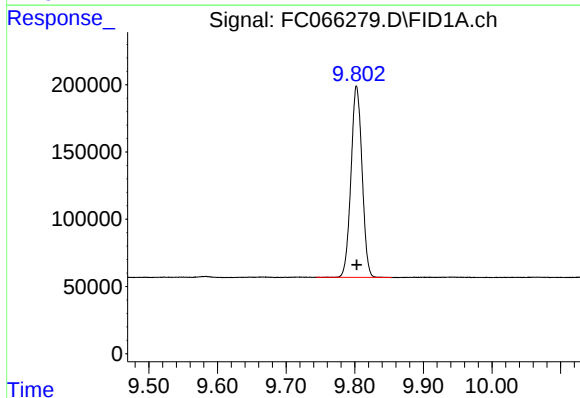
R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 1710485  
Conc: 9.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



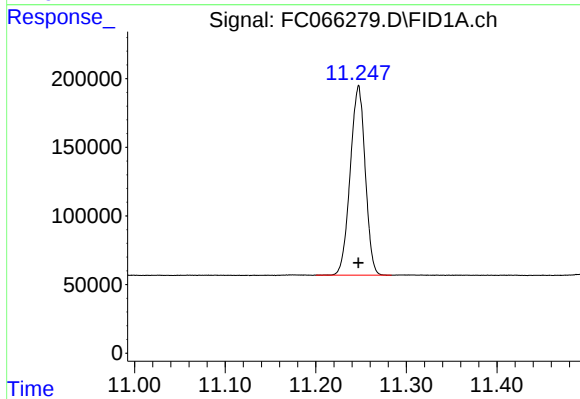
#6 n-Tetradecane (C14)

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 1546913  
Conc: 9.97 ug/ml



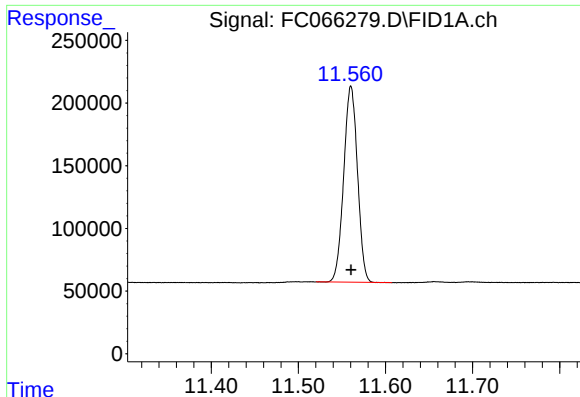
#7 n-Hexadecane (C16)

R.T.: 9.803 min  
Delta R.T.: 0.000 min  
Response: 1596847  
Conc: 10.11 ug/ml



#8 n-Octadecane (C18)

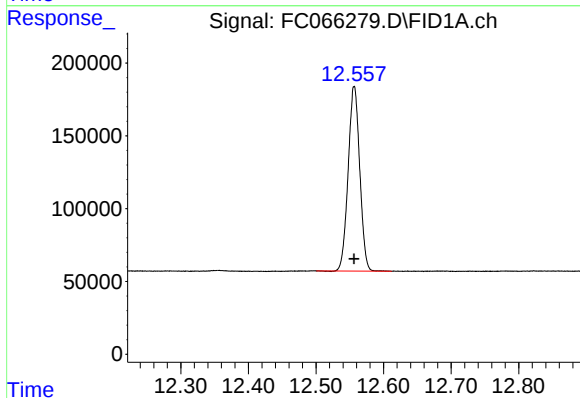
R.T.: 11.247 min  
Delta R.T.: 0.000 min  
Response: 1586342  
Conc: 10.17 ug/ml



#9 ortho-Terphenyl (SURR)

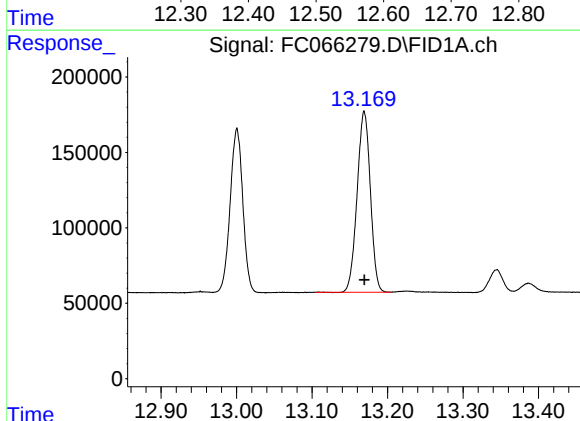
R.T.: 11.560 min  
Delta R.T.: 0.000 min  
Response: 1719740  
Conc: 10.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



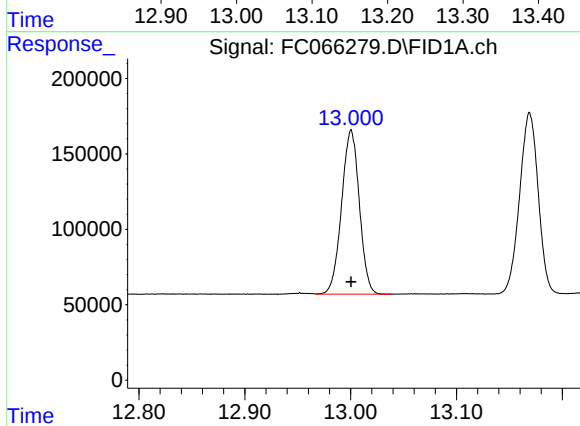
#10 n-Eicosane (C20)

R.T.: 12.557 min  
Delta R.T.: 0.000 min  
Response: 1513774  
Conc: 10.28 ug/ml



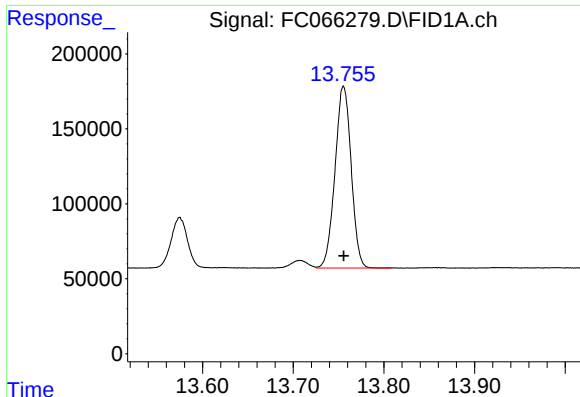
#11 n-Heneicosane (C21)

R.T.: 13.169 min  
Delta R.T.: 0.000 min  
Response: 1461680  
Conc: 10.21 ug/ml



#12 1-chlorooctadecane (SURR)

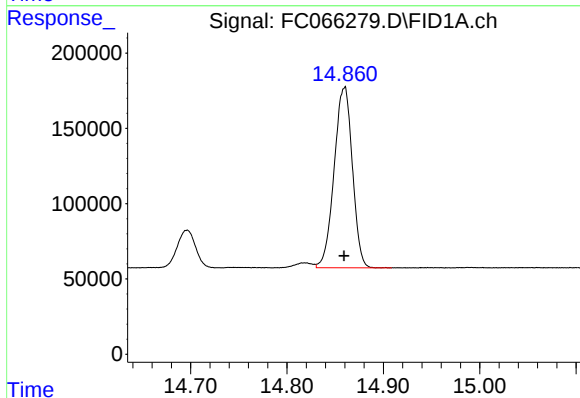
R.T.: 13.000 min  
Delta R.T.: 0.000 min  
Response: 1270186  
Conc: 10.16 ug/ml



#13 n-Docosane (C22)

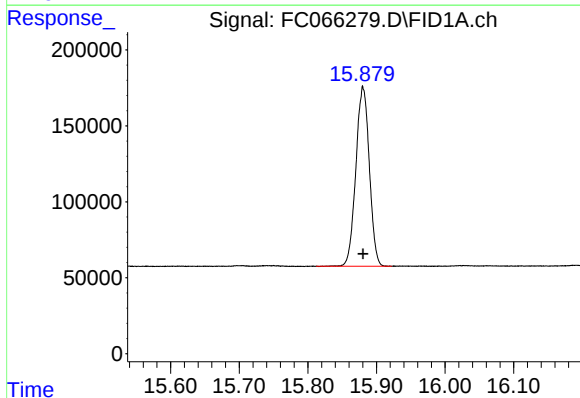
R.T.: 13.756 min  
Delta R.T.: 0.000 min  
Response: 1501067  
Conc: 10.52 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



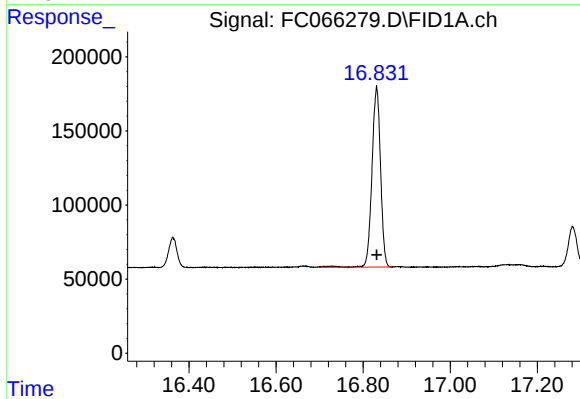
#14 n-Tetracosane (C24)

R.T.: 14.859 min  
Delta R.T.: 0.000 min  
Response: 1575159  
Conc: 11.06 ug/ml



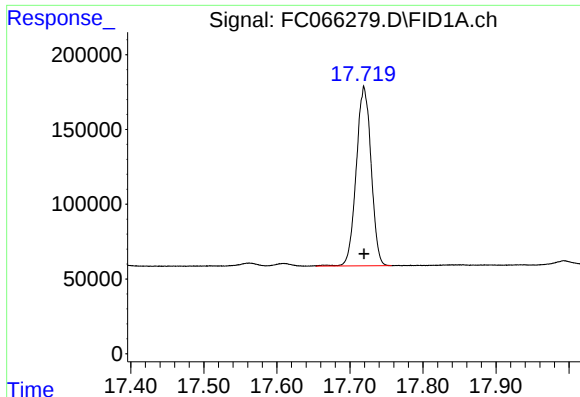
#15 n-Hexacosane (C26)

R.T.: 15.880 min  
Delta R.T.: 0.000 min  
Response: 1613903  
Conc: 11.54 ug/ml



#16 n-Octacosane (C28)

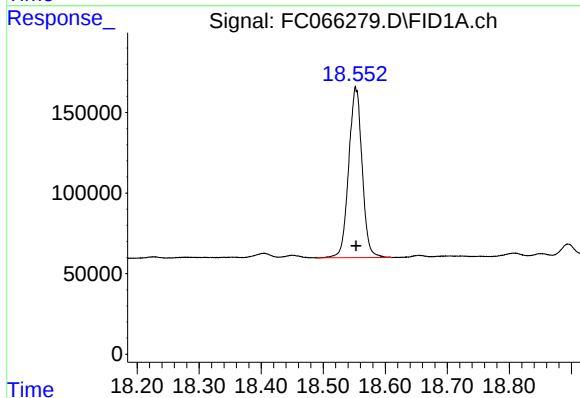
R.T.: 16.831 min  
Delta R.T.: 0.000 min  
Response: 1661794  
Conc: 12.06 ug/ml



#17 n-Tricontane (C30)

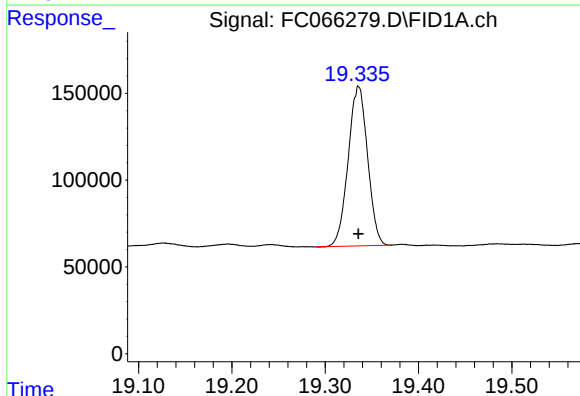
R.T.: 17.719 min  
Delta R.T.: 0.000 min  
Response: 1689952  
Conc: 12.24 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



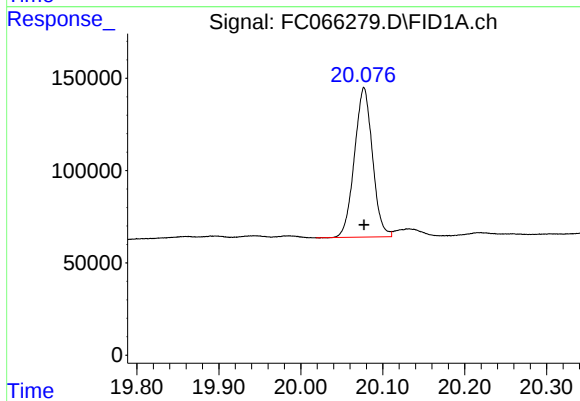
#18 n-Dotriacontane (C32)

R.T.: 18.553 min  
Delta R.T.: 0.000 min  
Response: 1586800  
Conc: 12.07 ug/ml



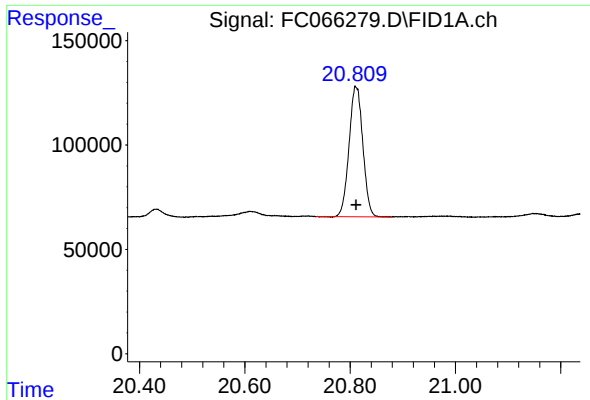
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min  
Delta R.T.: 0.000 min  
Response: 1329415  
Conc: 11.02 ug/ml



#20 n-Hexatriacontane (C36)

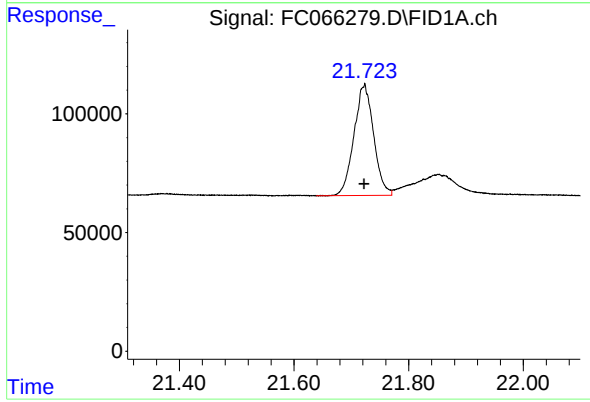
R.T.: 20.077 min  
Delta R.T.: 0.000 min  
Response: 1235592  
Conc: 10.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min  
Delta R.T.: 0.000 min  
Response: 1131176  
Conc: 10.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.722 min  
Delta R.T.: 0.000 min  
Response: 1109585  
Conc: 10.19 ug/ml