

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120523AL\
 Data File : FE045656.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2023 15:38
 Operator : YP\AJ
 Sample : 05617-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 16:06:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.861	4999405	23.907 ug/ml
Spiked Amount 50.000		Recovery =	47.81%
12) S 1-chlorooctadecane (S...	13.304	4196342	26.670 ug/ml
Spiked Amount 50.000		Recovery =	53.34%
Target Compounds			
6) T n-Tetradecane (C14)	8.492	68109	0.425 ug/ml
7) T n-Hexadecane (C16)	10.100	105225	0.635 ug/ml
8) T n-Octadecane (C18)	11.546	126155	0.736 ug/ml
10) T n-Eicosane (C20)	12.859	217446	1.257 ug/ml
11) T n-Heneicosane (C21)	13.473	290772	1.690 ug/ml
13) T n-Docosane (C22)	14.059	444758	2.579 ug/ml
14) T n-Tetracosane (C24)	15.164	357395	2.047 ug/ml
15) T n-Hexacosane (C26)	16.191	721485	4.143 ug/ml
16) T n-Octacosane (C28)	17.153	821502	4.753 ug/ml
17) T n-Tricontane (C30)	18.035	1278730	7.309 ug/ml
18) T n-Dotriacontane (C32)	18.872	1003468	5.500 ug/ml
19) T n-Tetratriacontane (C34)	19.635	12504	0.075 ug/ml
20) T n-Hexatriacontane (C36)	20.383	42963	0.271 ug/ml
21) T n-Octatriacontane (C38)	21.111	155159	0.989 ug/ml
22) T n-Tetracontane (C40)	22.021	354913	2.497 ug/ml

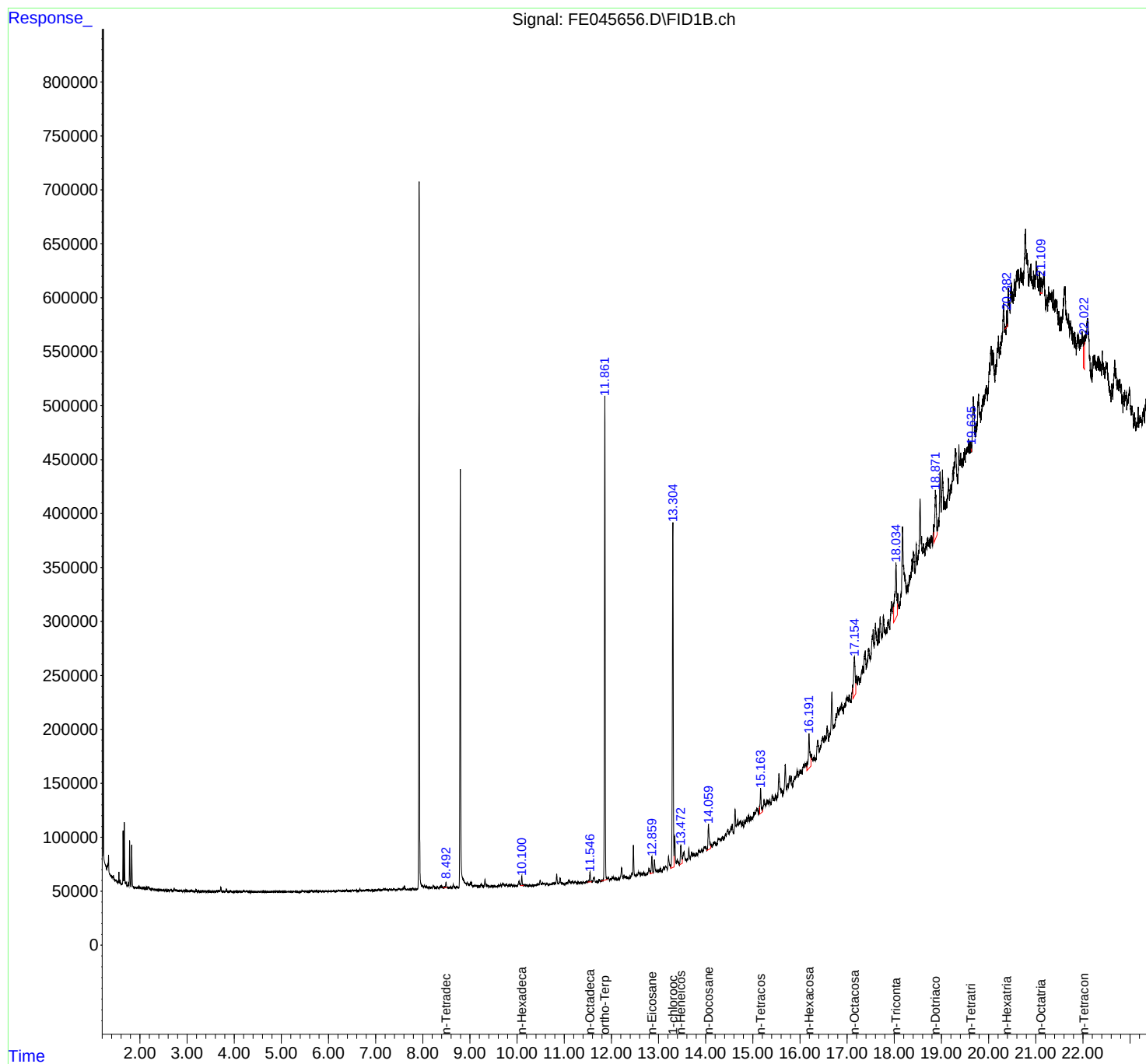
(f)=RT Delta > 1/2 Window

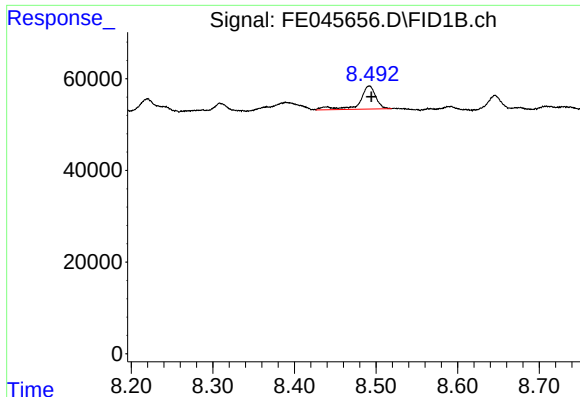
(m)=manual int.

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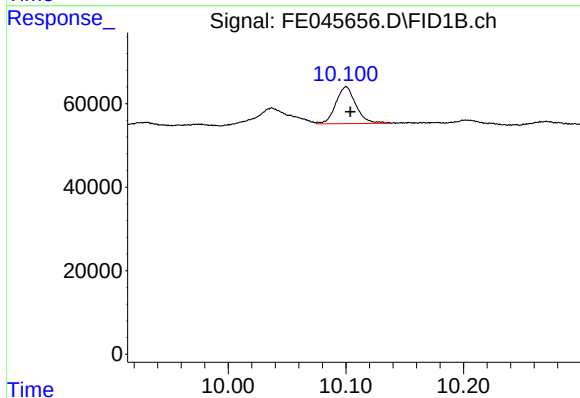
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Signal Info : 20M x 0.18mm x 0.18um





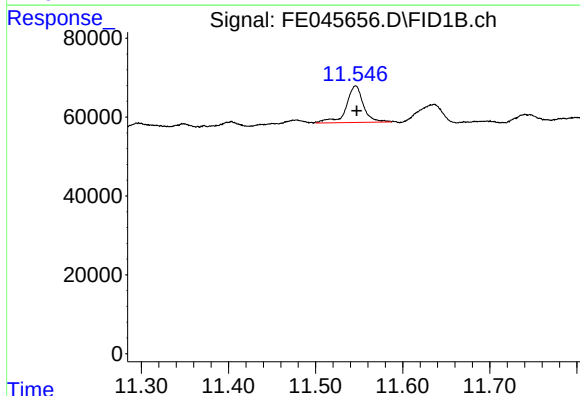
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 68109
Conc: 0.42 ug/ml



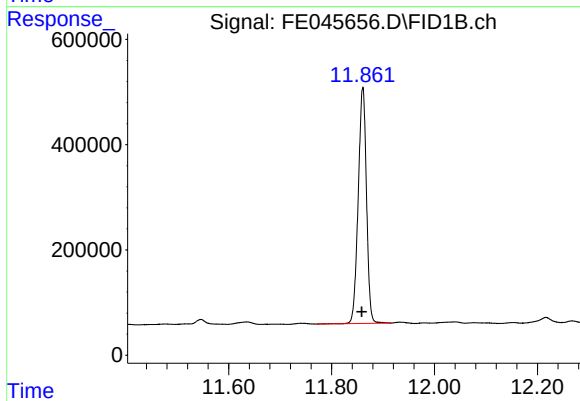
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.004 min
Response: 105225
Conc: 0.64 ug/ml



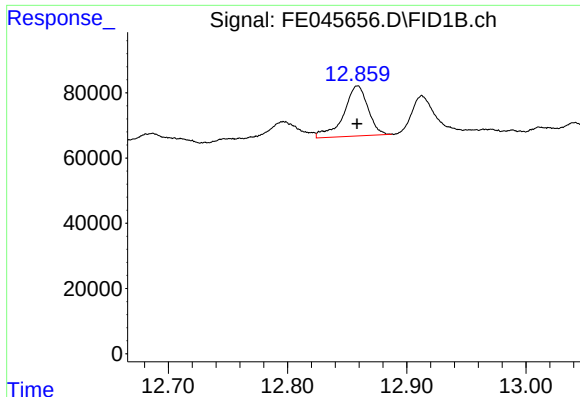
#8 n-Octadecane (C18)

R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 126155
Conc: 0.74 ug/ml



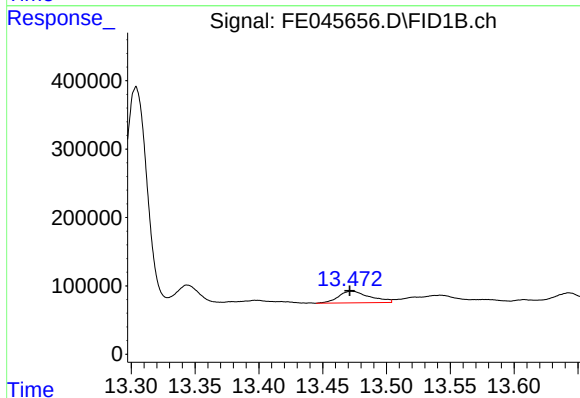
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 4999405
Conc: 23.91 ug/ml



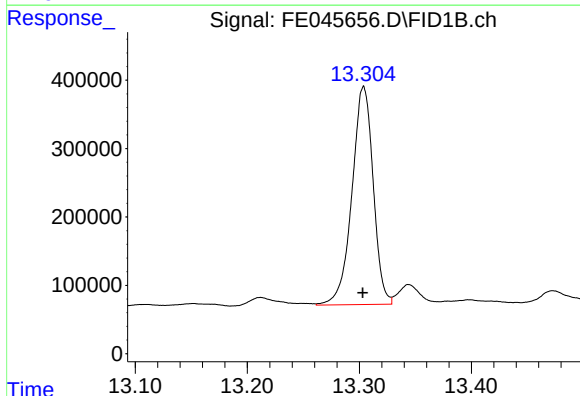
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.000 min
Response: 217446
Conc: 1.26 ug/ml



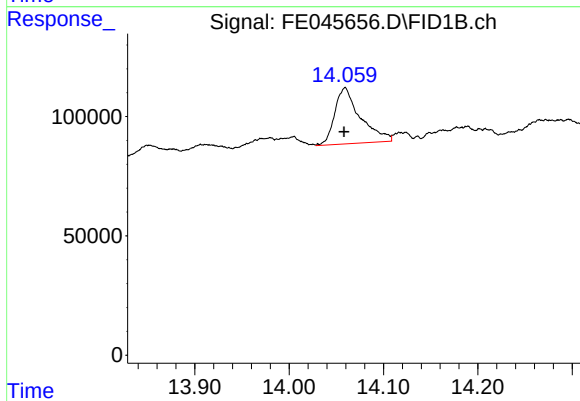
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.001 min
Response: 290772
Conc: 1.69 ug/ml



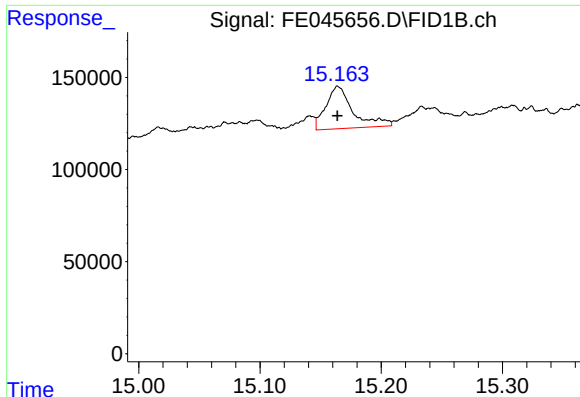
#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: 0.000 min
Response: 4196342
Conc: 26.67 ug/ml



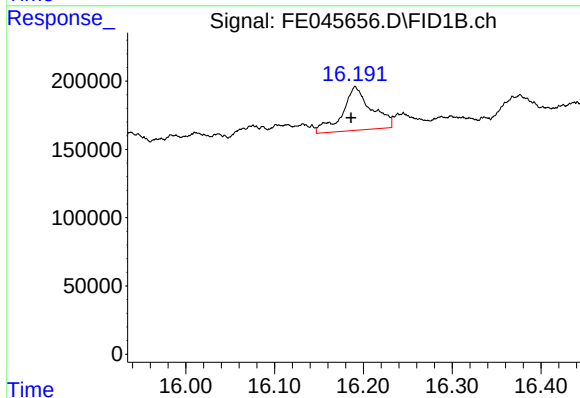
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.001 min
Response: 444758
Conc: 2.58 ug/ml



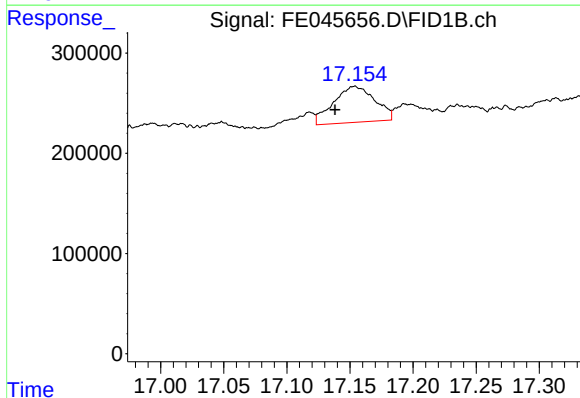
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 357395
Conc: 2.05 ug/ml



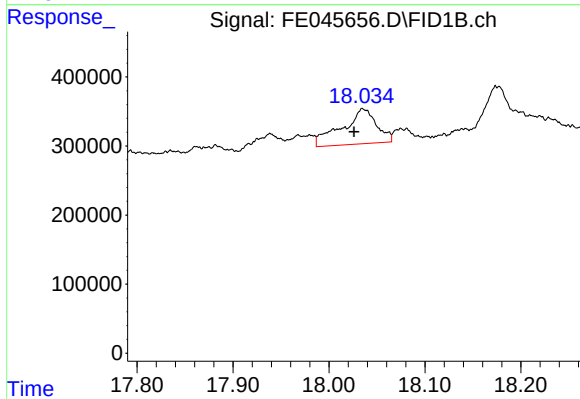
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.005 min
Response: 721485
Conc: 4.14 ug/ml



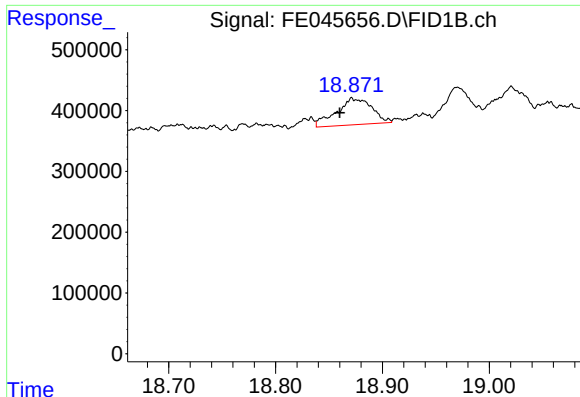
#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: 0.015 min
Response: 821502
Conc: 4.75 ug/ml



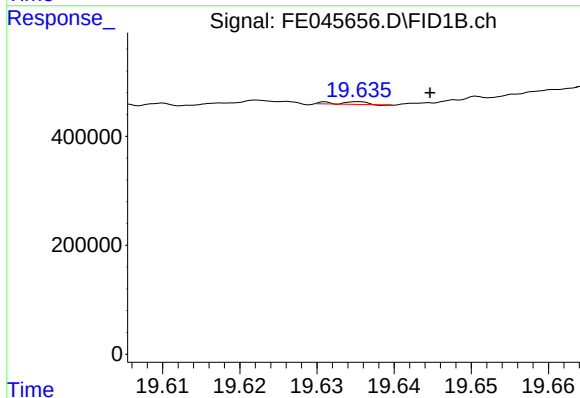
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.009 min
Response: 1278730
Conc: 7.31 ug/ml



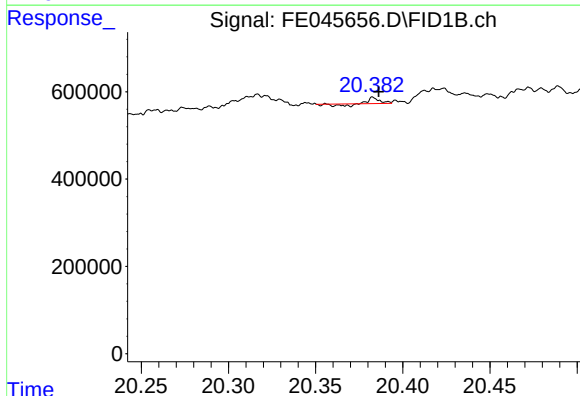
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.012 min
Response: 1003468
Conc: 5.50 ug/ml



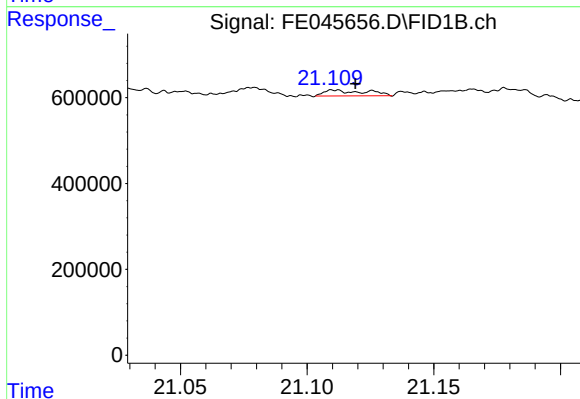
#19 n-Tetatriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.010 min
Response: 12504
Conc: 0.08 ug/ml



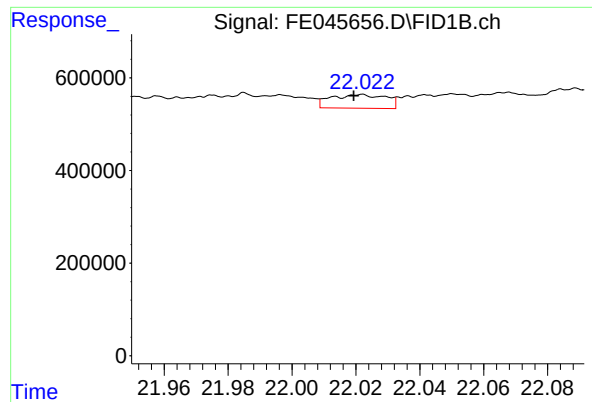
#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: -0.003 min
Response: 42963
Conc: 0.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.008 min
Response: 155159
Conc: 0.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: 0.002 min
Response: 354913
Conc: 2.50 ug/ml