

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040324AL\
 Data File : FE047445.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2024 18:24
 Operator : YP\AJ
 Sample : P1958-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 03:00:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.983	5889711	33.957 ug/ml
Spiked Amount 50.000		Recovery =	67.91%
12) S 1-chlorooctadecane (S...	13.417	4476728	33.285 ug/ml
Spiked Amount 50.000		Recovery =	66.57%
Target Compounds			
6) T n-Tetradecane (C14)	8.608	148511	0.923 ug/ml
7) T n-Hexadecane (C16)	10.216	620470	3.736 ug/ml
8) T n-Octadecane (C18)	11.658	584895	3.488 ug/ml
10) T n-Eicosane (C20)	12.968	438057	2.704 ug/ml
11) T n-Heneicosane (C21)	13.582	622418	3.923 ug/ml
13) T n-Docosane (C22)	14.167	250224	1.559 ug/ml
14) T n-Tetracosane (C24)	15.268	137687	0.834 ug/ml
15) T n-Hexacosane (C26)	16.287	122406	0.741 ug/ml
16) T n-Octacosane (C28)	17.237	160578	0.969 ug/ml
17) T n-Tricontane (C30)	18.124	304515	1.794 ug/ml
18) T n-Dotriacontane (C32)	18.954	502731	3.015 ug/ml
19) T n-Tetratriacontane (C34)	19.738	612546	3.819 ug/ml
20) T n-Hexatriacontane (C36)	20.476	576315	3.613 ug/ml
21) T n-Octatriacontane (C38)	21.219	591372	3.639 ug/ml
22) T n-Tetracontane (C40)	22.151	573778	3.505 ug/ml

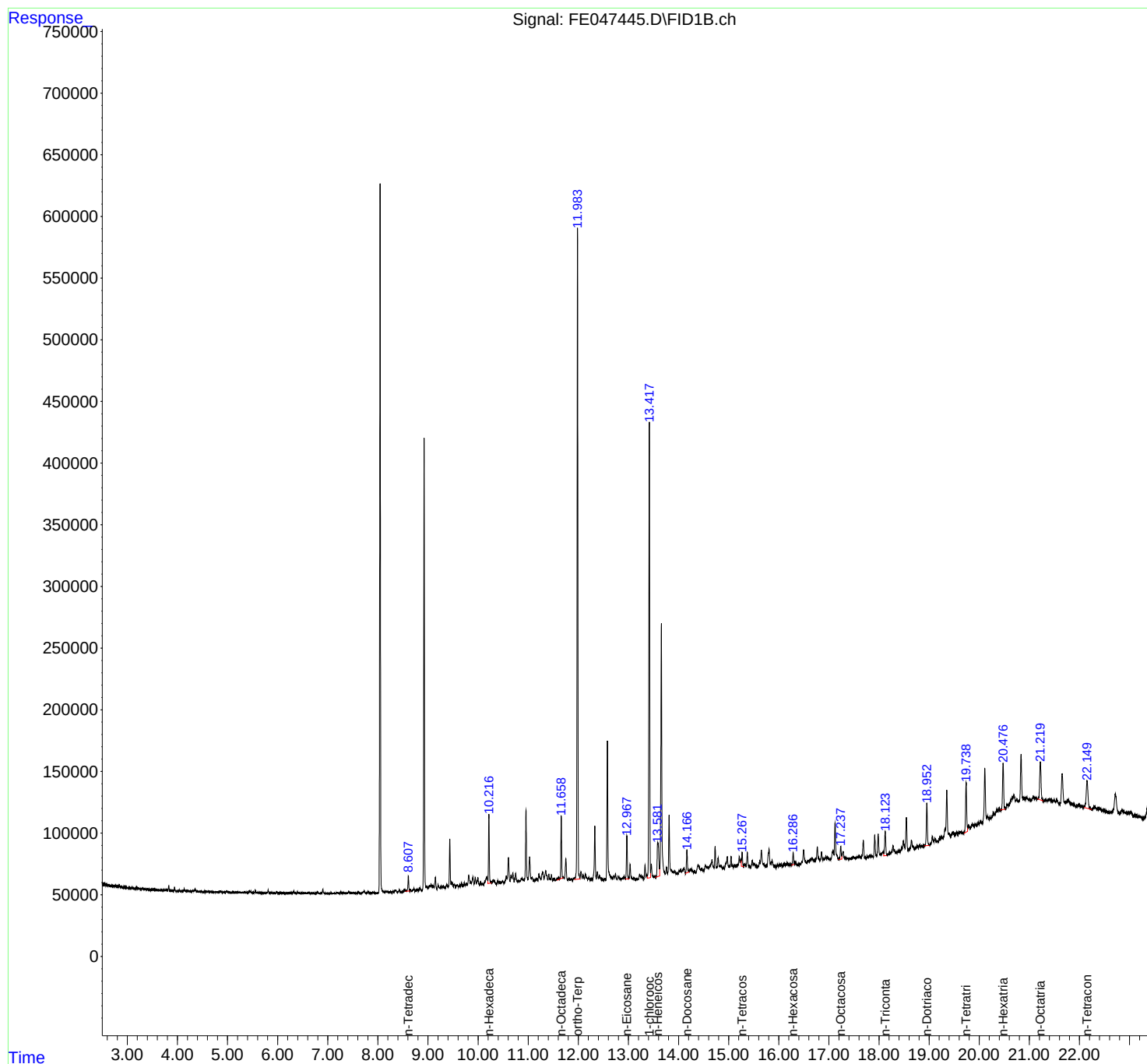
(f)=RT Delta > 1/2 Window

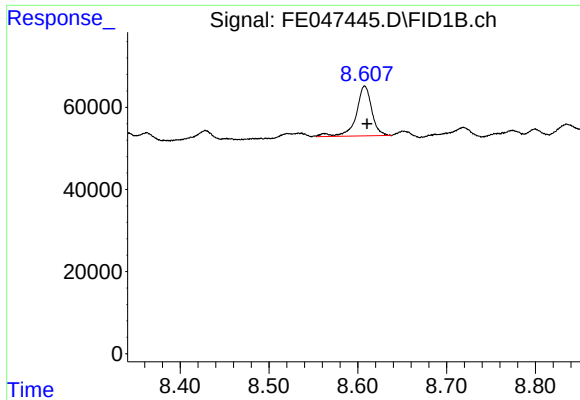
(m)=manual int.

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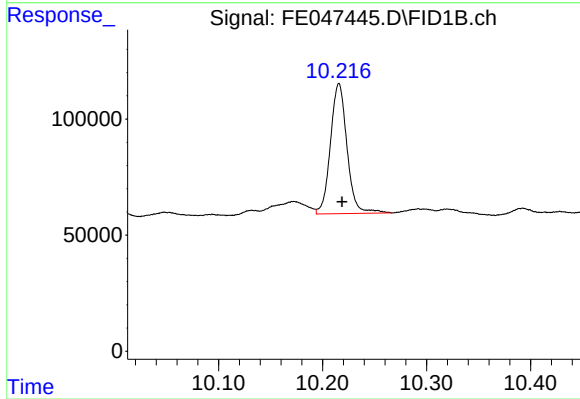
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





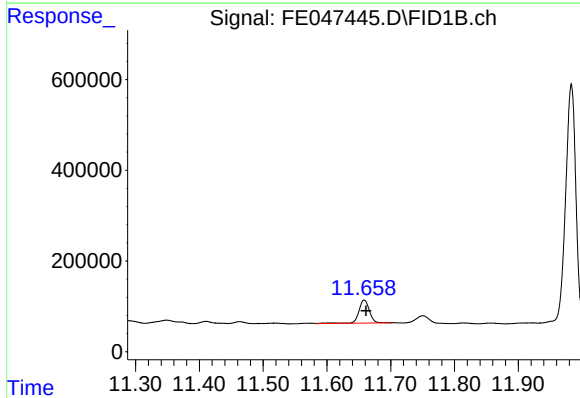
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 148511
Conc: 0.92 ug/ml



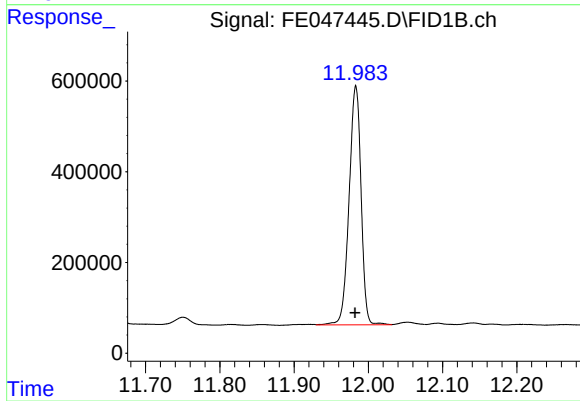
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.003 min
Response: 620470
Conc: 3.74 ug/ml



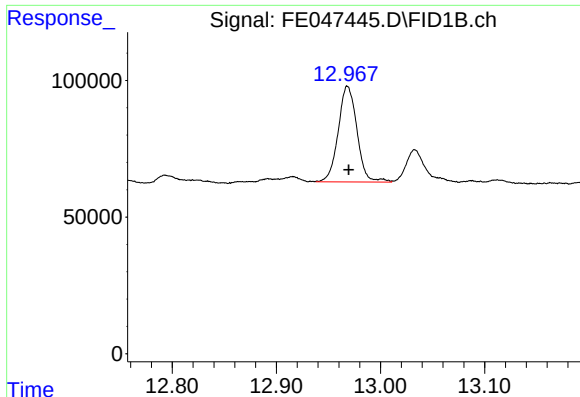
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.003 min
Response: 584895
Conc: 3.49 ug/ml



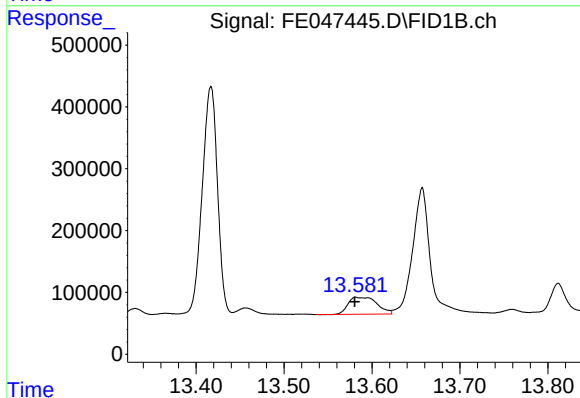
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.001 min
Response: 5889711
Conc: 33.96 ug/ml



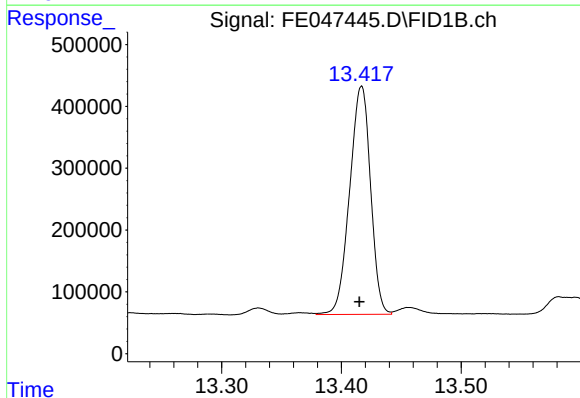
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.001 min
Response: 438057
Conc: 2.70 ug/ml



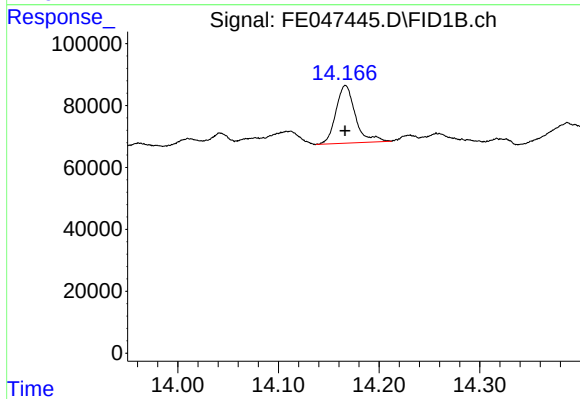
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.001 min
Response: 622418
Conc: 3.92 ug/ml



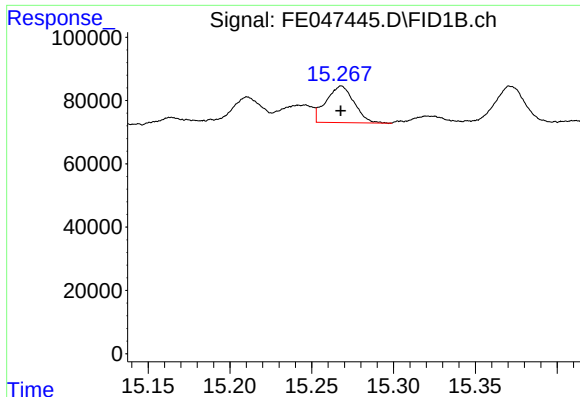
#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.002 min
Response: 4476728
Conc: 33.29 ug/ml



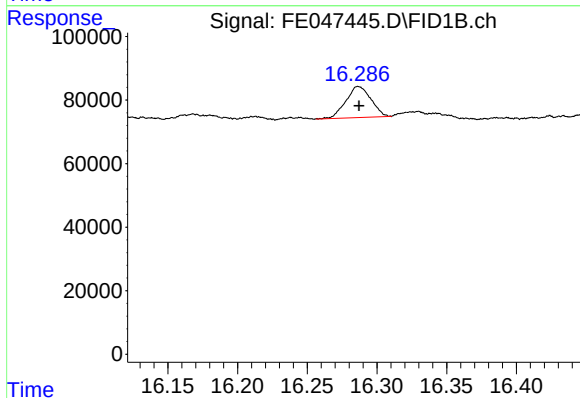
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 250224
Conc: 1.56 ug/ml



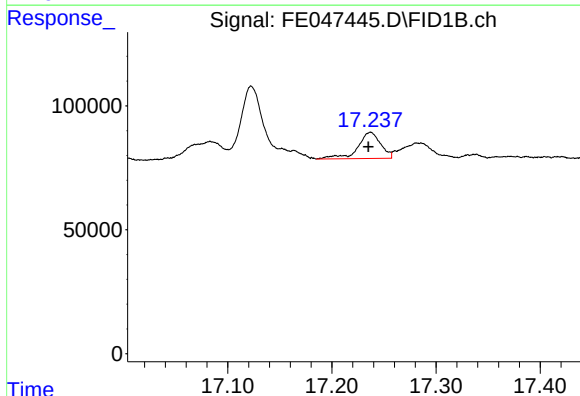
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 137687
Conc: 0.83 ug/ml



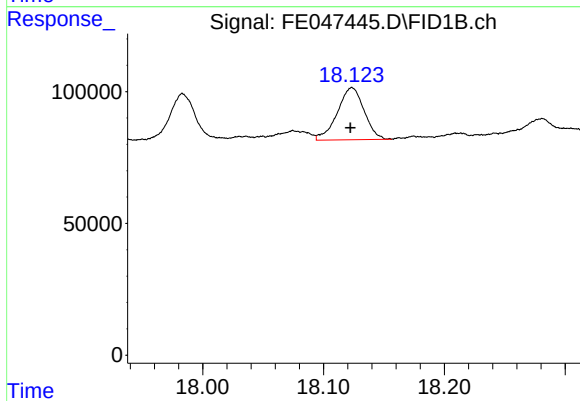
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 122406
Conc: 0.74 ug/ml



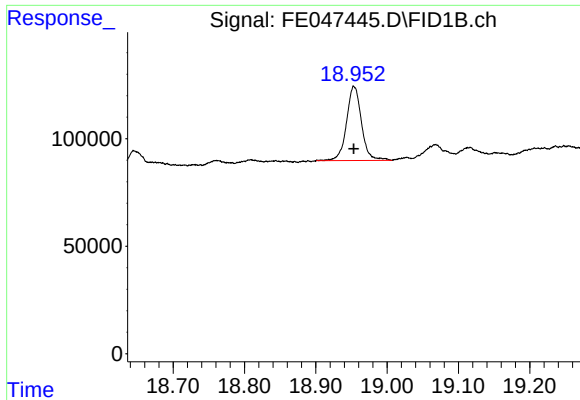
#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 160578
Conc: 0.97 ug/ml



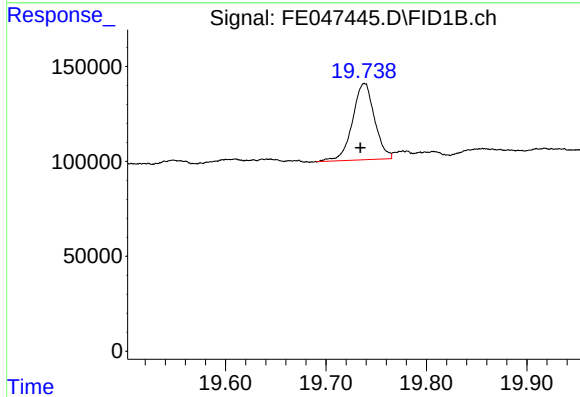
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.001 min
Response: 304515
Conc: 1.79 ug/ml



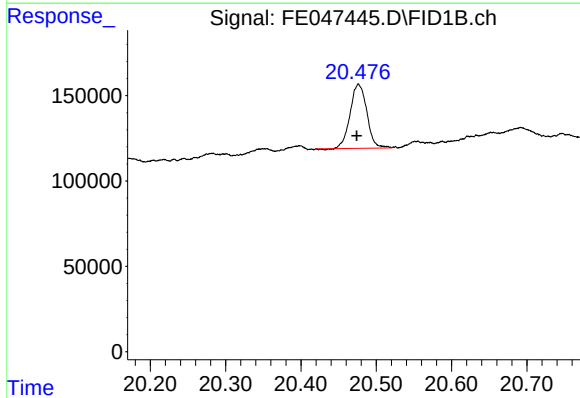
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 502731
Conc: 3.01 ug/ml



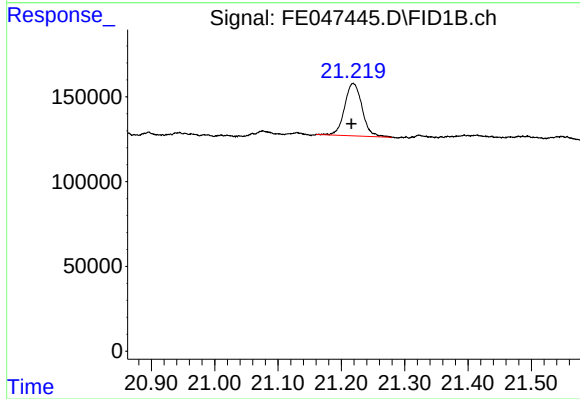
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.004 min
Response: 612546
Conc: 3.82 ug/ml



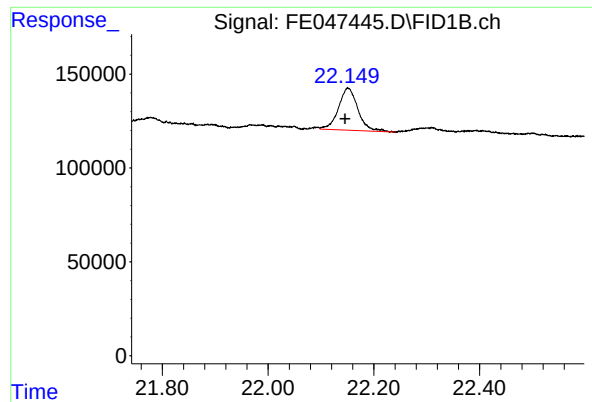
#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.003 min
Response: 576315
Conc: 3.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.003 min
Response: 591372
Conc: 3.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 573778
Conc: 3.50 ug/ml