

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062224AL\
 Data File : FE048831.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2024 15:59
 Operator : YP\AJ
 Sample : P2995-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 00:41:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.933	5556059	33.228 ug/ml
Spiked Amount 50.000		Recovery =	66.46%
12) S 1-chlorooctadecane (S...	13.368	5347224	41.584 ug/ml
Spiked Amount 50.000		Recovery =	83.17%
Target Compounds			
6) T n-Tetradecane (C14)	8.562	49741	0.325 ug/ml
7) T n-Hexadecane (C16)	10.169	58447	0.374 ug/ml
8) T n-Octadecane (C18)	11.611	67066	0.421 ug/ml
10) T n-Eicosane (C20)	12.921	66322	0.428 ug/ml
11) T n-Heneicosane (C21)	13.534	62512	0.411 ug/ml
13) T n-Docosane (C22)	14.118	33807	0.224 ug/ml
14) T n-Tetracosane (C24)	15.217	71287	0.474 ug/ml
15) T n-Hexacosane (C26)	16.240	61205	0.415 ug/ml
16) T n-Octacosane (C28)	17.189	67463	0.468 ug/ml
17) T n-Tricontane (C30)	18.077	148073	1.012 ug/ml
18) T n-Dotriacontane (C32)	18.905	189497	1.325 ug/ml
19) T n-Tetratriacontane (C34)	19.688	124570	0.900 ug/ml
20) T n-Hexatriacontane (C36)	20.426	102381	0.788 ug/ml
21) T n-Octatriacontane (C38)	21.104f	60781	0.474 ug/ml
22) T n-Tetracontane (C40)	22.081	57023	0.466 ug/ml

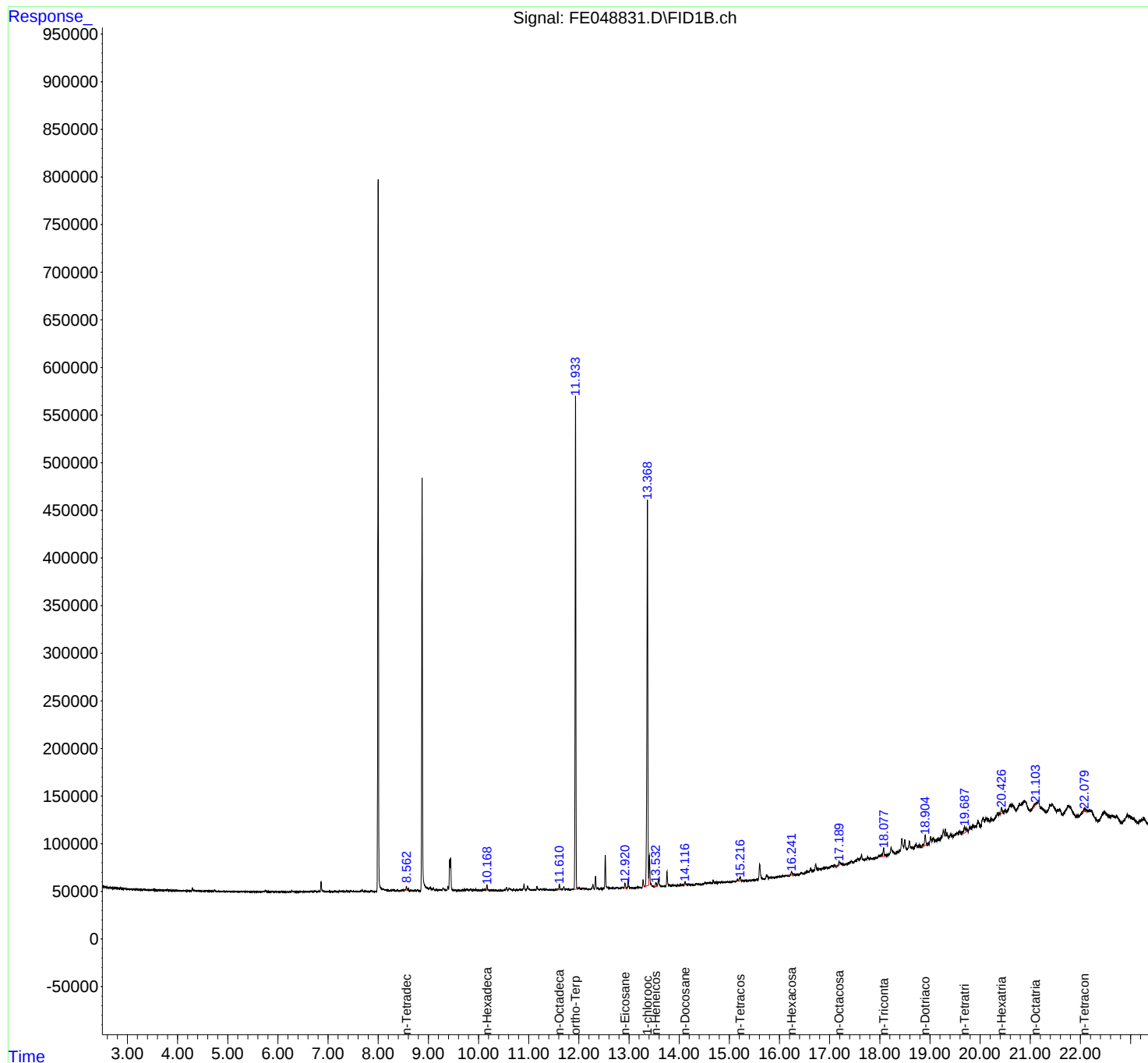
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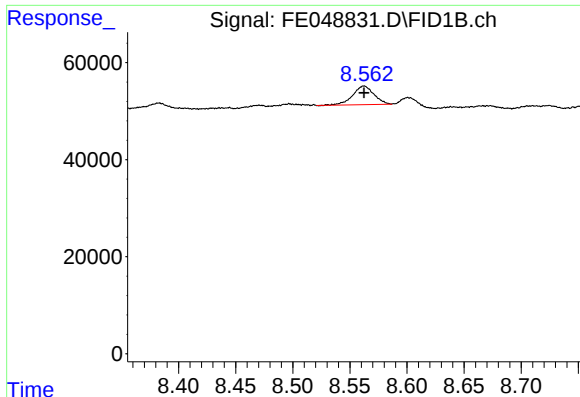
(m)=manual int.

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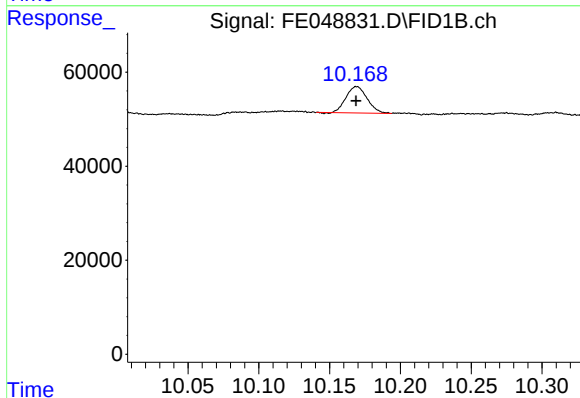
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





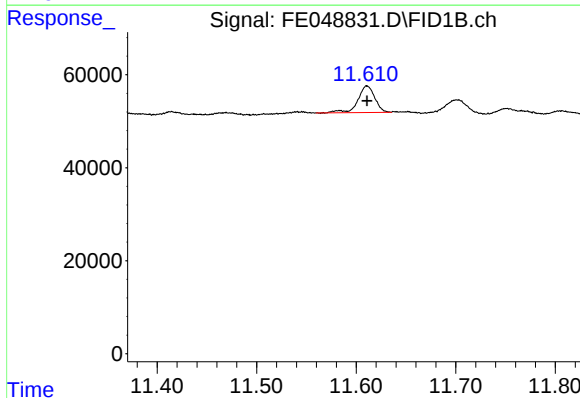
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 49741
Conc: 0.32 ug/ml



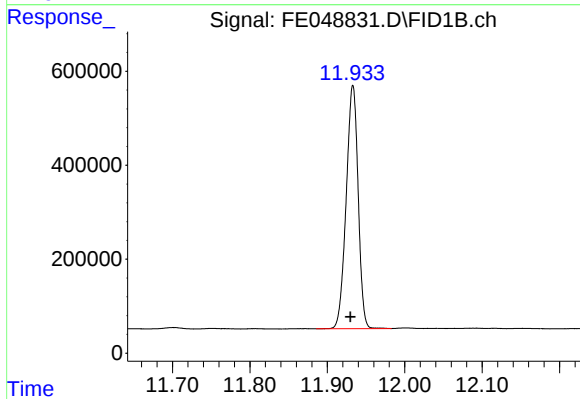
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 58447
Conc: 0.37 ug/ml



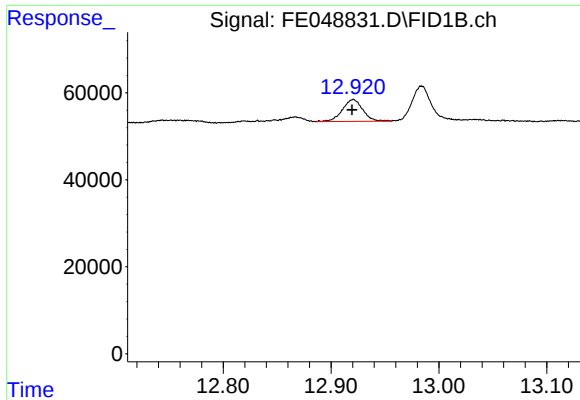
#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 67066
Conc: 0.42 ug/ml



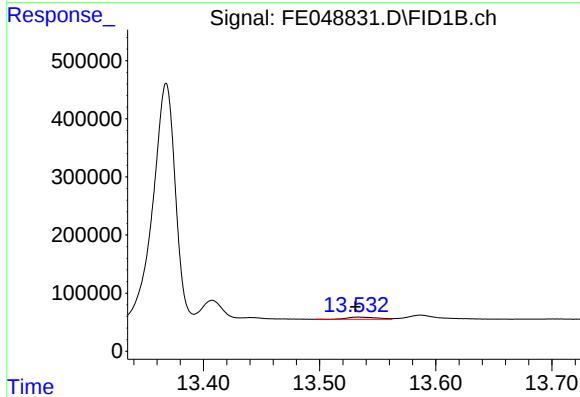
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.003 min
Response: 5556059
Conc: 33.23 ug/ml



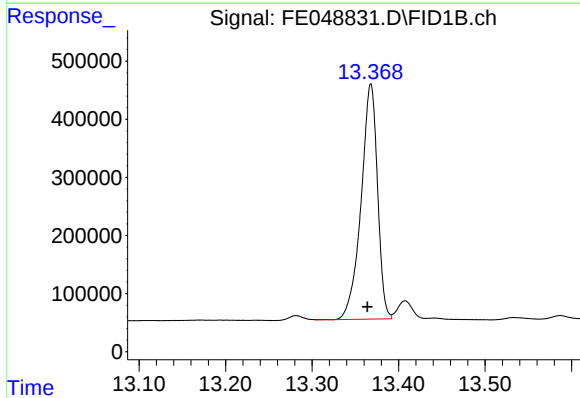
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.001 min
Response: 66322
Conc: 0.43 ug/ml



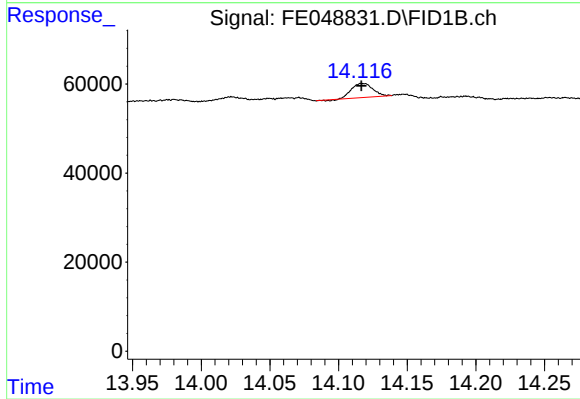
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.003 min
Response: 62512
Conc: 0.41 ug/ml



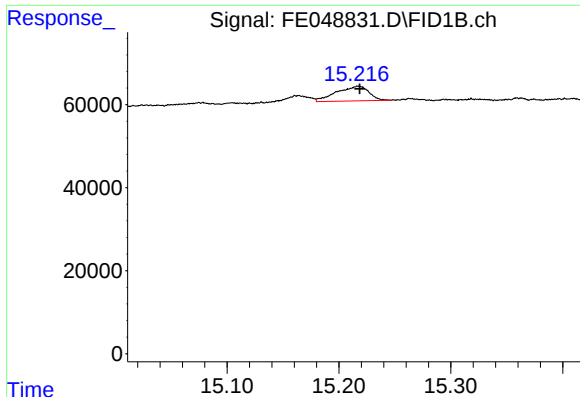
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.004 min
Response: 5347224
Conc: 41.58 ug/ml



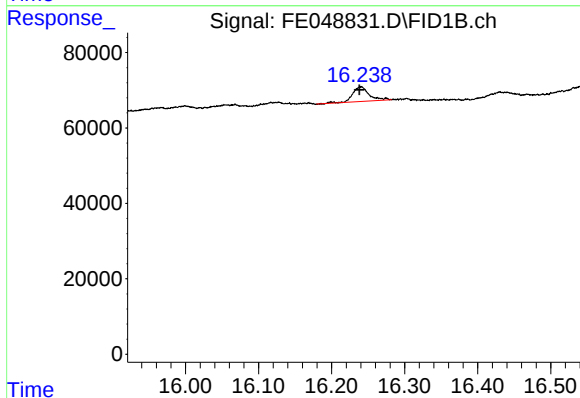
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: 0.001 min
Response: 33807
Conc: 0.22 ug/ml



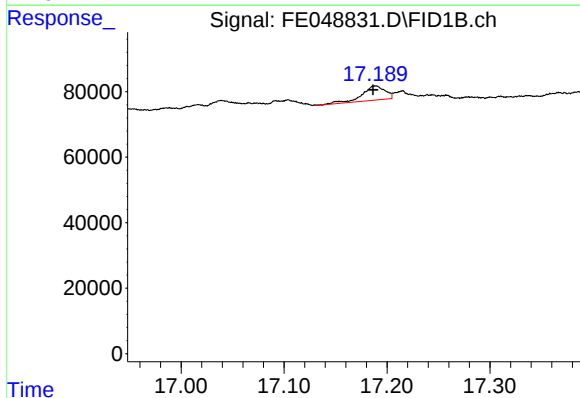
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.001 min
Response: 71287
Conc: 0.47 ug/ml



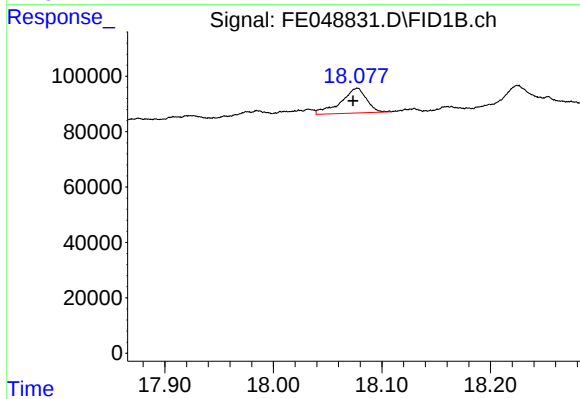
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.002 min
Response: 61205
Conc: 0.41 ug/ml



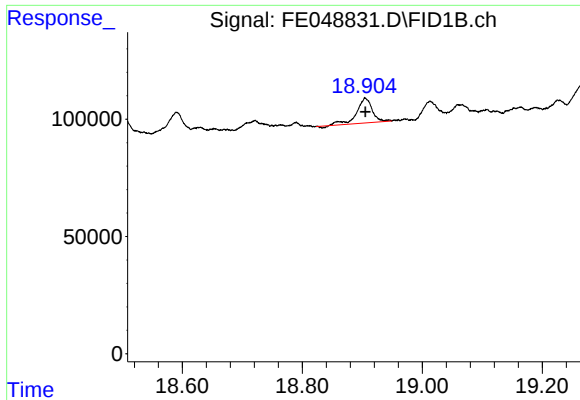
#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.003 min
Response: 67463
Conc: 0.47 ug/ml



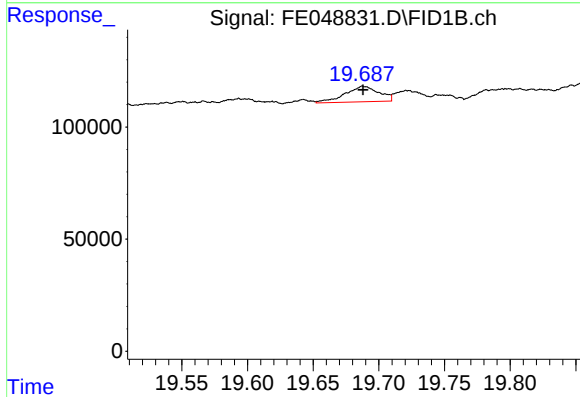
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.004 min
Response: 148073
Conc: 1.01 ug/ml



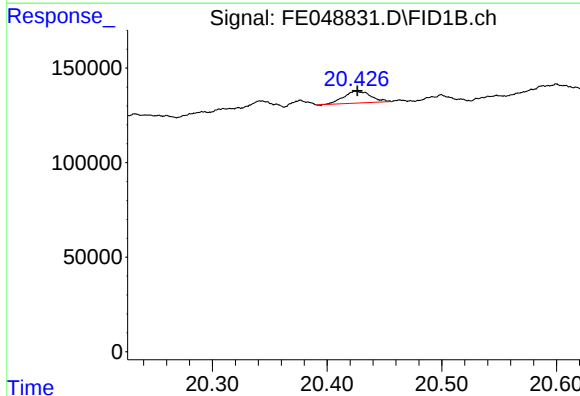
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.000 min
Response: 189497
Conc: 1.33 ug/ml



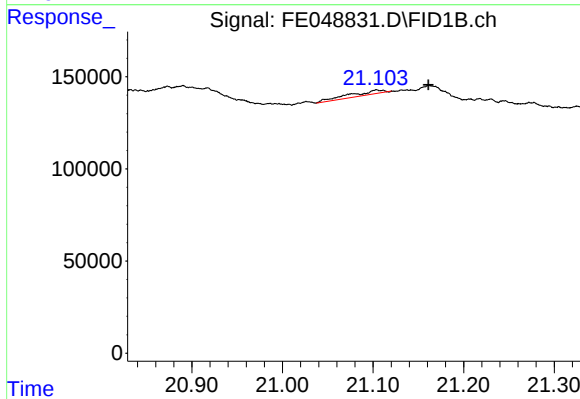
#19 n-Tetatriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 124570
Conc: 0.90 ug/ml



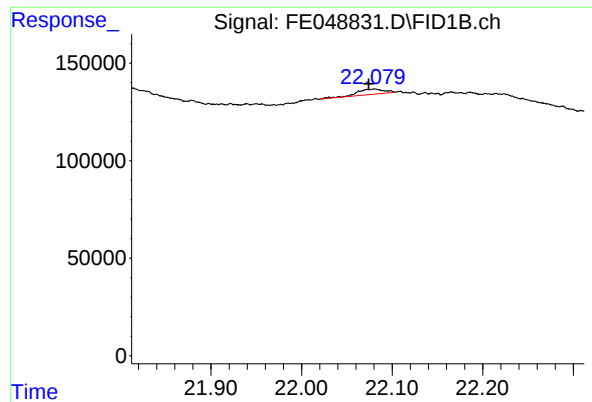
#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.000 min
Response: 102381
Conc: 0.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.057 min
Response: 60781
Conc: 0.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: 0.006 min
Response: 57023
Conc: 0.47 ug/ml