

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022924AL\
 Data File : FE046990.D
 Signal(s) : FID1B.ch
 Acq On : 29 Feb 2024 09:55
 Operator : YP\AJ
 Sample : P1612-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:07:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.792	424227	2.582 ug/ml
Spiked Amount 50.000		Recovery =	5.16%
12) S 1-chlorooctadecane (S...	13.234	372096	3.023 ug/ml
Spiked Amount 50.000		Recovery =	6.05%
Target Compounds			
6) T n-Tetradecane (C14)	8.396	12394	0.080 ug/ml
7) T n-Hexadecane (C16)	10.038	41757	0.263 ug/ml
8) T n-Octadecane (C18)	11.479	41948	0.263 ug/ml
10) T n-Eicosane (C20)	12.788	55039	0.364 ug/ml
11) T n-Heneicosane (C21)	13.400	26758	0.181 ug/ml
13) T n-Docosane (C22)	13.986	36570	0.251 ug/ml
14) T n-Tetracosane (C24)	15.093	6419	0.045 ug/ml
15) T n-Hexacosane (C26)	16.114	51453	0.368 ug/ml
16) T n-Octacosane (C28)	17.065	111902	0.821 ug/ml
17) T n-Tricontane (C30)	17.950	136964	0.982 ug/ml
18) T n-Dotriacontane (C32)	18.786	124791	0.907 ug/ml
19) T n-Tetratriacontane (C34)	19.579	111804	0.832 ug/ml
20) T n-Hexatriacontane (C36)	20.315	70867	0.532 ug/ml
21) T n-Octatriacontane (C38)	21.036	84958	0.617 ug/ml
22) T n-Tetracontane (C40)	21.900	21238	0.151 ug/ml

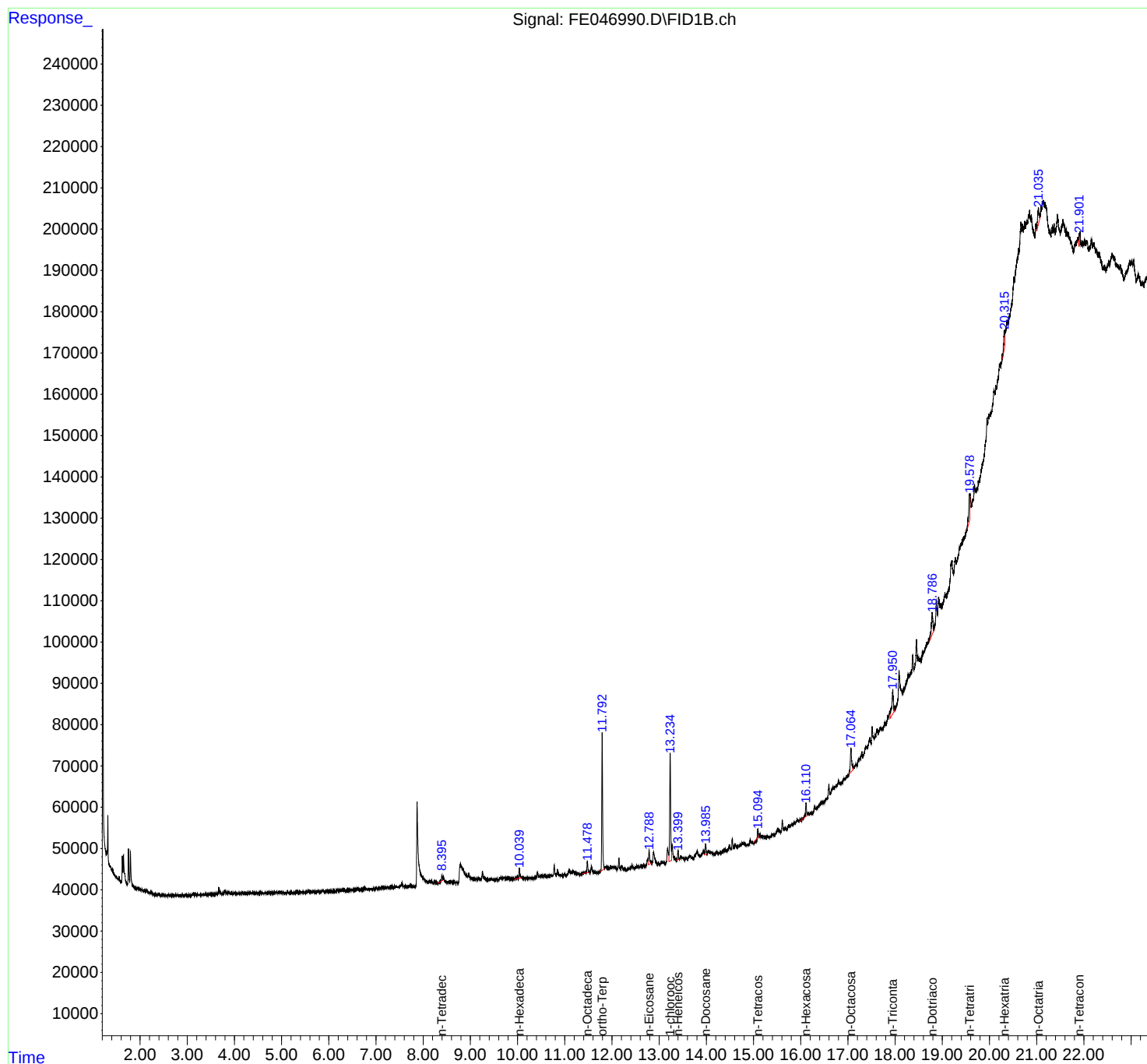
(f)=RT Delta > 1/2 Window

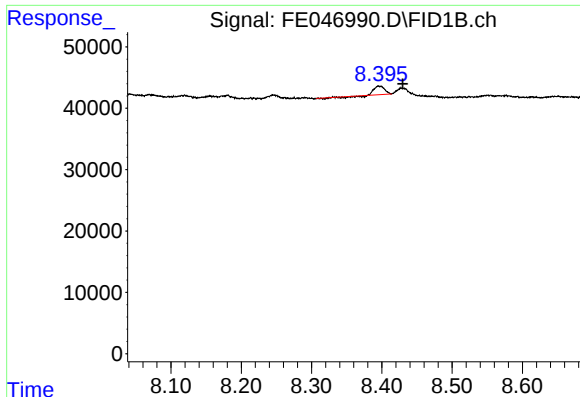
(m)=manual int.

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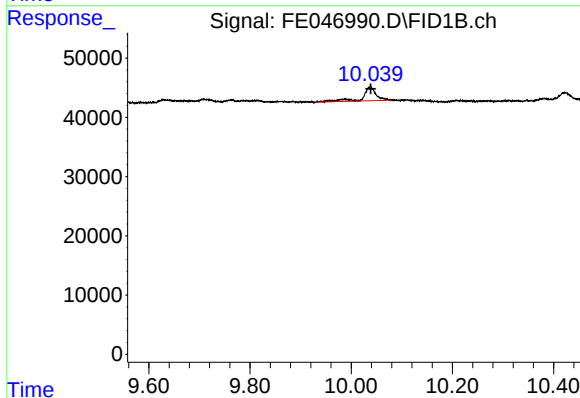
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





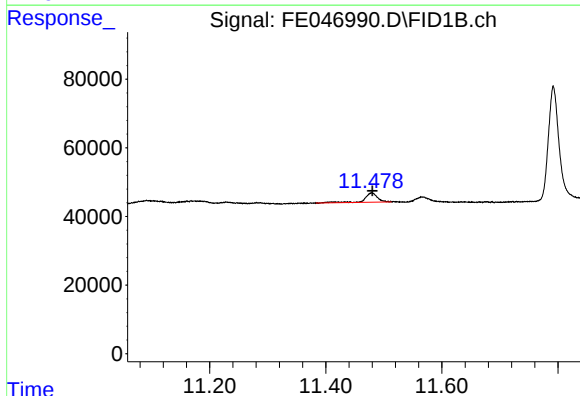
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.034 min
Response: 12394
Conc: 0.08 ug/ml



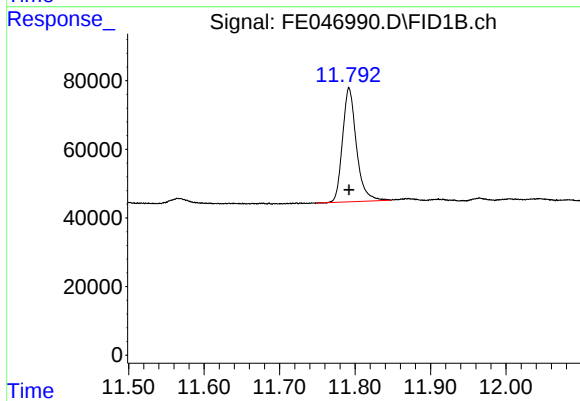
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: 0.000 min
Response: 41757
Conc: 0.26 ug/ml



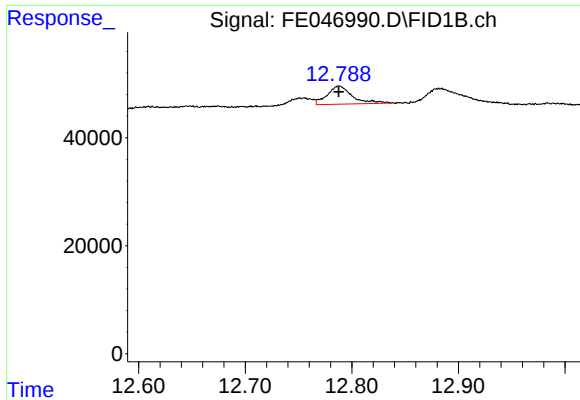
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.001 min
Response: 41948
Conc: 0.26 ug/ml



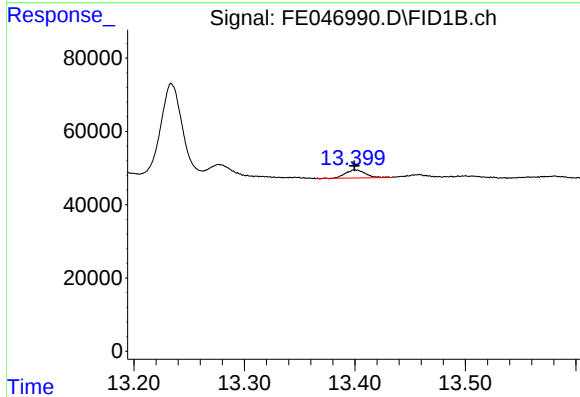
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 424227
Conc: 2.58 ug/ml



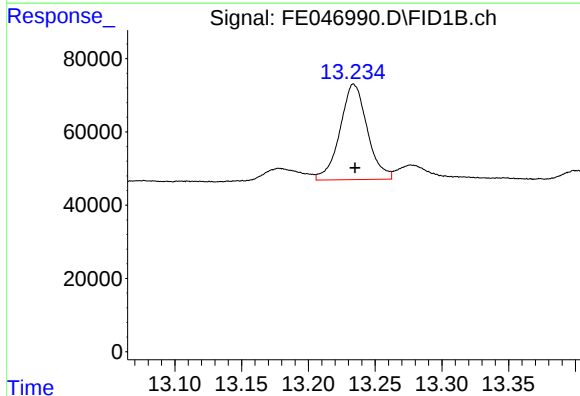
#10 n-Eicosane (C20)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 55039
Conc: 0.36 ug/ml



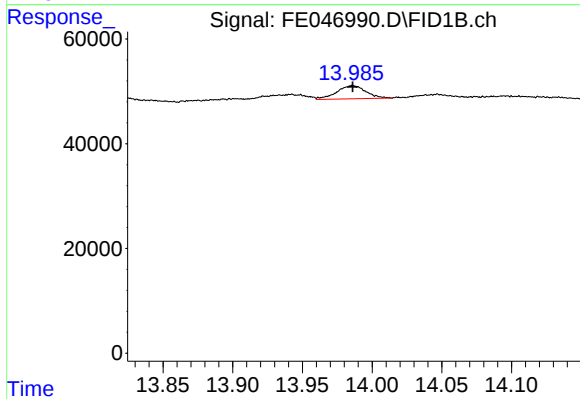
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 26758
Conc: 0.18 ug/ml



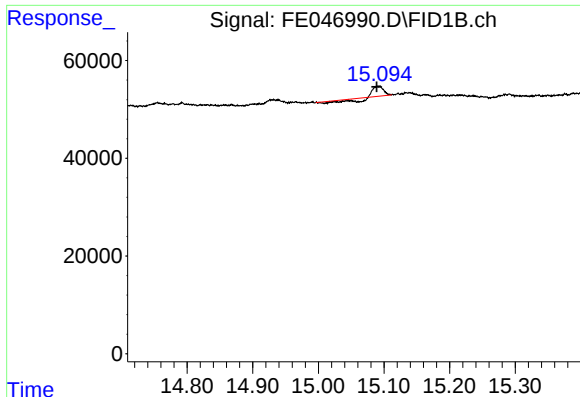
#12 1-chlorooctadecane (SURR)

R.T.: 13.234 min
Delta R.T.: 0.000 min
Response: 372096
Conc: 3.02 ug/ml



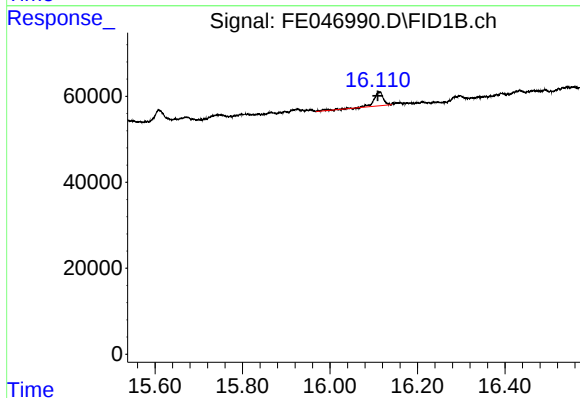
#13 n-Docosane (C22)

R.T.: 13.986 min
Delta R.T.: 0.000 min
Response: 36570
Conc: 0.25 ug/ml



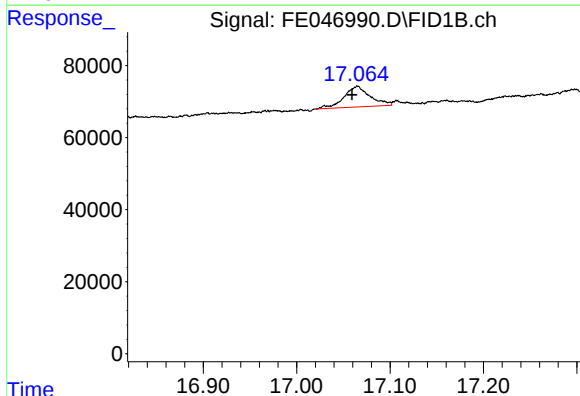
#14 n-Tetracosane (C24)

R.T.: 15.093 min
Delta R.T.: 0.004 min
Response: 6419
Conc: 0.04 ug/ml



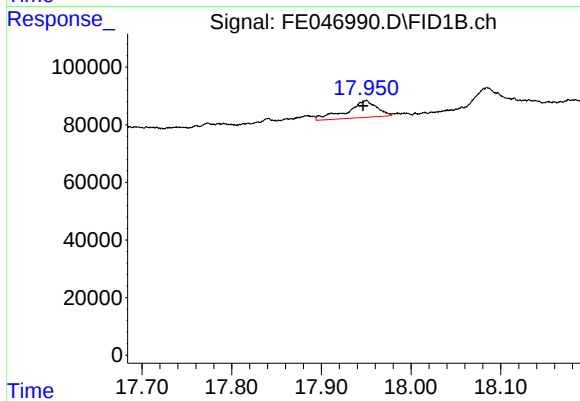
#15 n-Hexacosane (C26)

R.T.: 16.114 min
Delta R.T.: 0.005 min
Response: 51453
Conc: 0.37 ug/ml



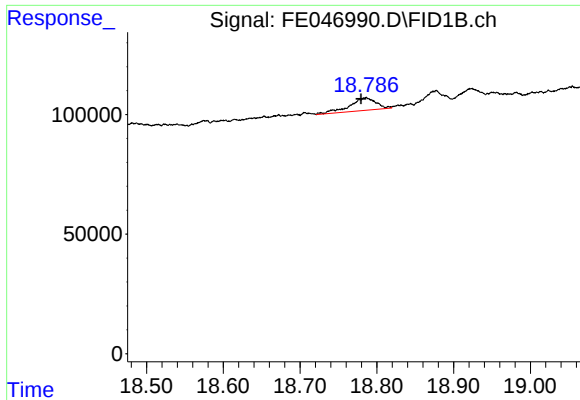
#16 n-Octacosane (C28)

R.T.: 17.065 min
Delta R.T.: 0.006 min
Response: 111902
Conc: 0.82 ug/ml



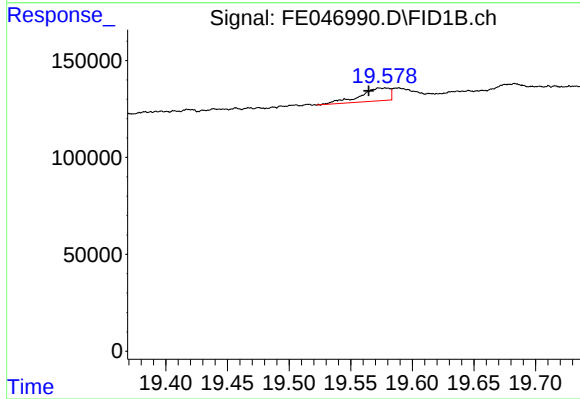
#17 n-Tricontane (C30)

R.T.: 17.950 min
Delta R.T.: 0.003 min
Response: 136964
Conc: 0.98 ug/ml



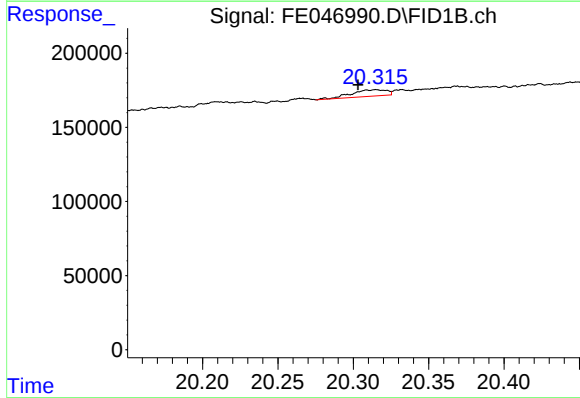
#18 n-Dotriacontane (C32)

R.T.: 18.786 min
Delta R.T.: 0.007 min
Response: 124791
Conc: 0.91 ug/ml



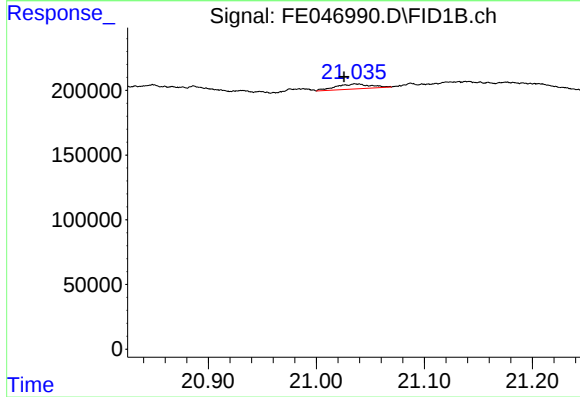
#19 n-Tetatriacontane (C34)

R.T.: 19.579 min
Delta R.T.: 0.014 min
Response: 111804
Conc: 0.83 ug/ml



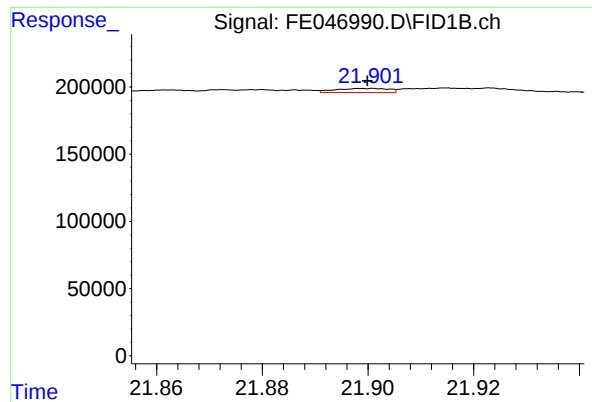
#20 n-Hexatriacontane (C36)

R.T.: 20.315 min
Delta R.T.: 0.012 min
Response: 70867
Conc: 0.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.036 min
Delta R.T.: 0.010 min
Response: 84958
Conc: 0.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.000 min
Response: 21238
Conc: 0.15 ug/ml