

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120123AL\
 Data File : FE045614.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2023 14:18
 Operator : YP\AJ
 Sample : 05538-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 15:11:45 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)	11.863	6606929	31.595 ug/ml
Spiked Amount 50.000		Recovery =	63.19%
12) S 1-chlorooctadecane (S...	13.306	5957721	37.864 ug/ml
Spiked Amount 50.000		Recovery =	75.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.492	52083	0.325 ug/ml
7) T n-Hexadecane (C16)	10.102	44795	0.271 ug/ml
8) T n-Octadecane (C18)	11.547	44462	0.259 ug/ml
10) T n-Eicosane (C20)	12.859	58198	0.336 ug/ml
11) T n-Heneicosane (C21)	13.473	39199	0.228 ug/ml
13) T n-Docosane (C22)	14.060	75777	0.439 ug/ml
14) T n-Tetracosane (C24)	15.164	75993	0.435 ug/ml
15) T n-Hexacosane (C26)	16.186	101090	0.580 ug/ml
16) T n-Octacosane (C28)	17.144	276715	1.601 ug/ml
17) T n-Tricontane (C30)	18.030	410714	2.348 ug/ml
18) T n-Dotriacontane (C32)	18.872	1375851	7.542 ug/ml
19) T n-Tetratriacontane (C34)	19.655	762272	4.594 ug/ml
20) T n-Hexatriacontane (C36)	20.396	481120	3.031 ug/ml
21) T n-Octatriacontane (C38)	21.132	574901	3.666 ug/ml
22) T n-Tetracontane (C40)	22.047	517946	3.645 ug/ml

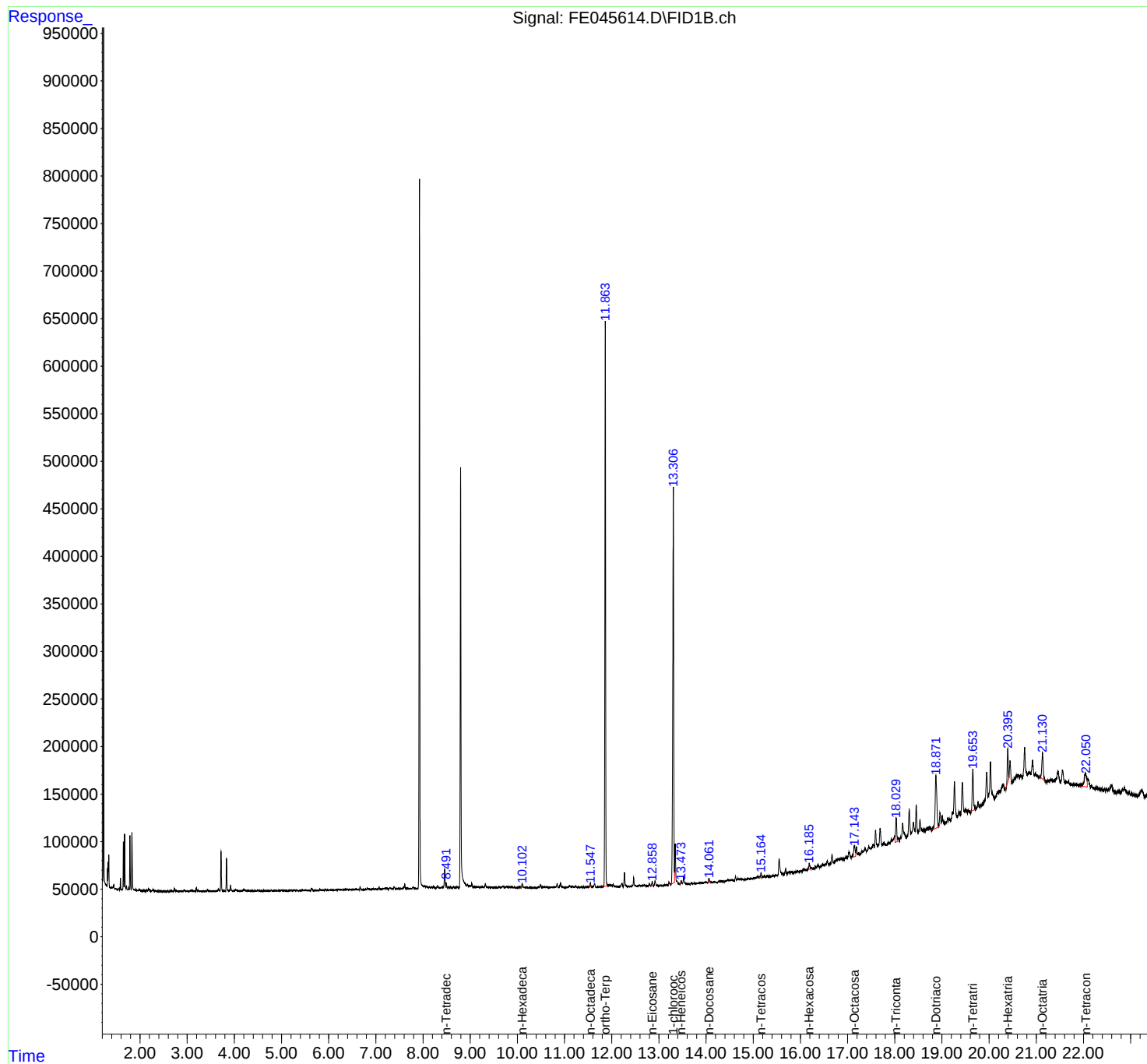
(f)=RT Delta > 1/2 Window

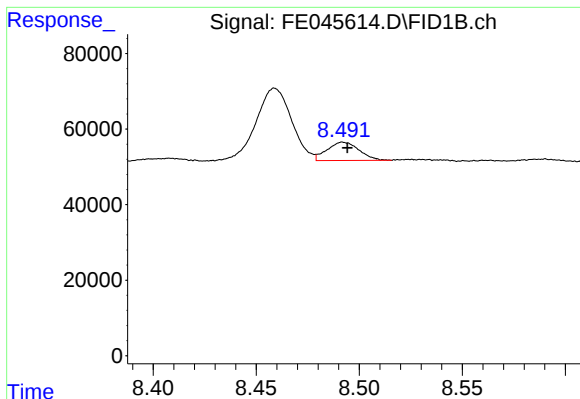
(m)=manual int.

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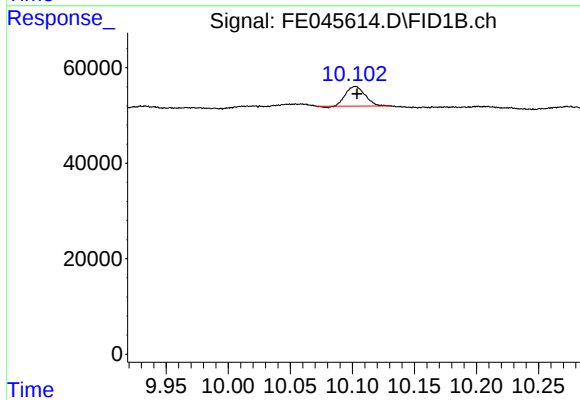
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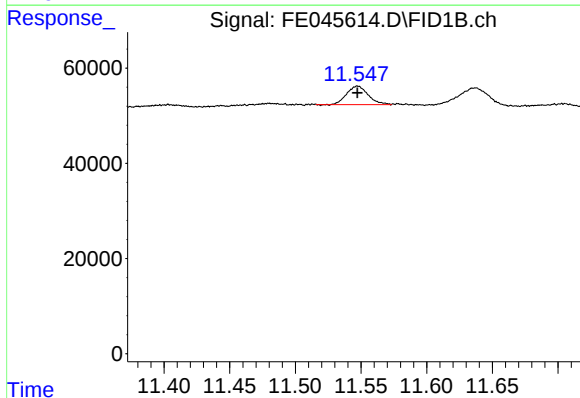
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 52083
Conc: 0.32 ug/ml



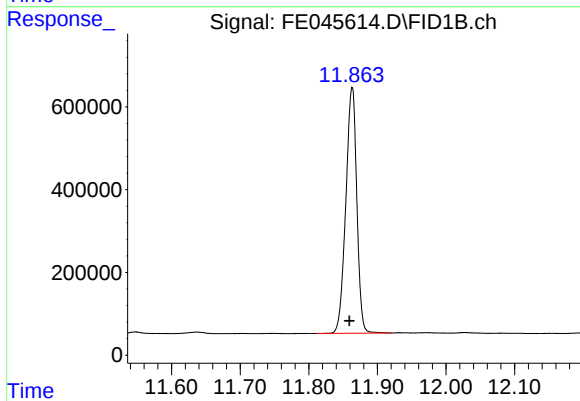
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.002 min
Response: 44795
Conc: 0.27 ug/ml



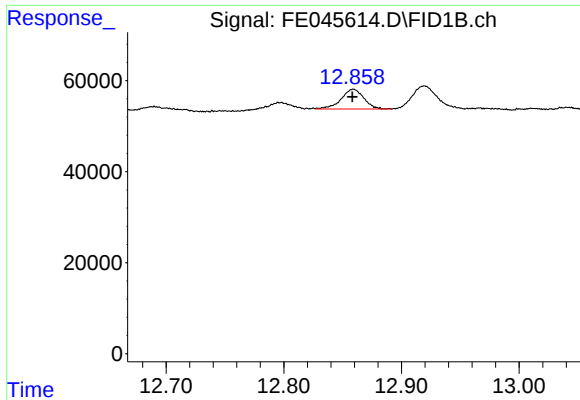
#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 44462
Conc: 0.26 ug/ml



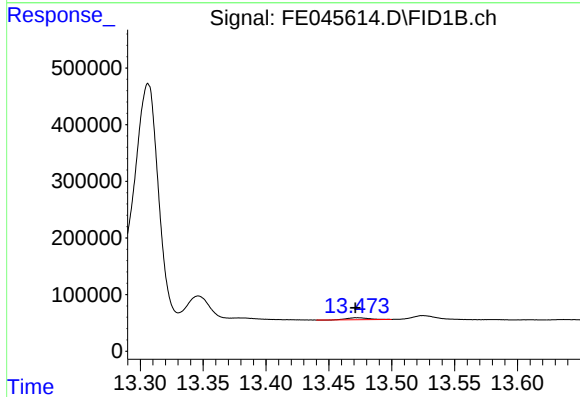
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.004 min
Response: 6606929
Conc: 31.59 ug/ml



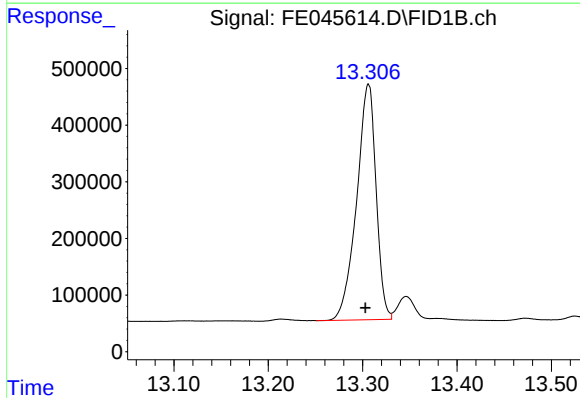
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.000 min
Response: 58198
Conc: 0.34 ug/ml



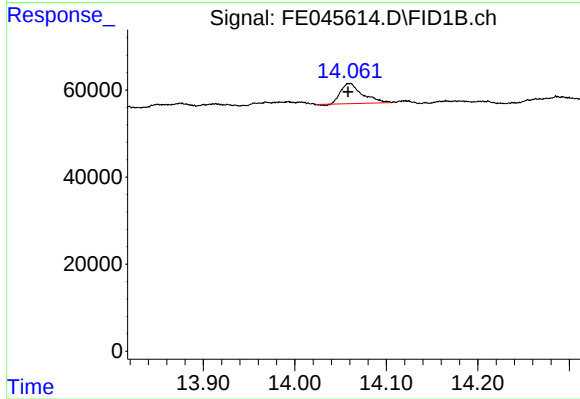
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.001 min
Response: 39199
Conc: 0.23 ug/ml



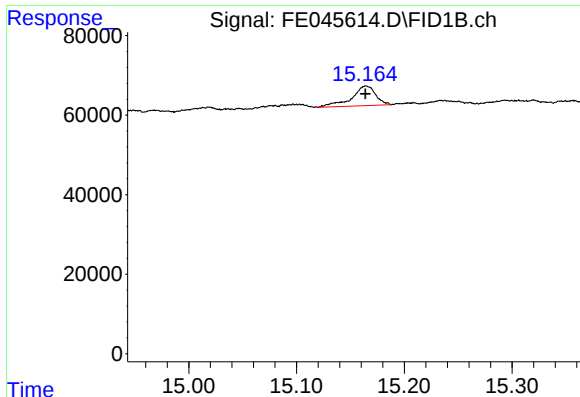
#12 1-chlorooctadecane (SURR)

R.T.: 13.306 min
Delta R.T.: 0.003 min
Response: 5957721
Conc: 37.86 ug/ml



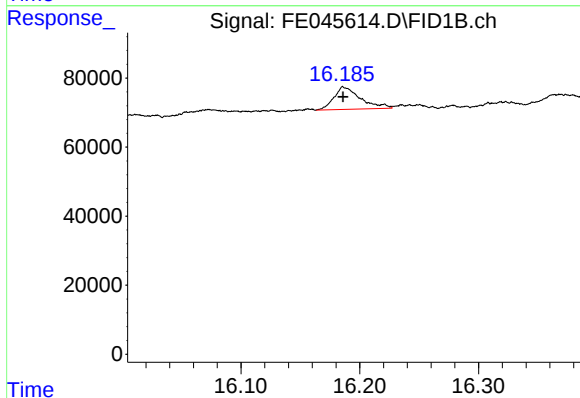
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: 0.002 min
Response: 75777
Conc: 0.44 ug/ml



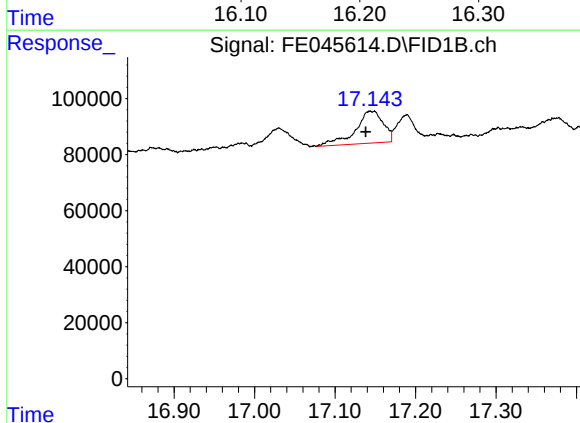
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 75993
Conc: 0.44 ug/ml



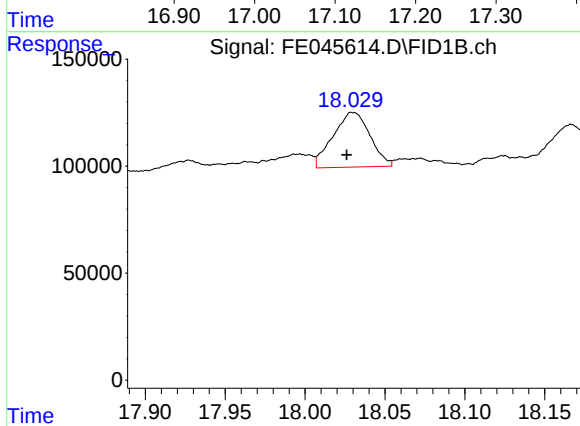
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 101090
Conc: 0.58 ug/ml



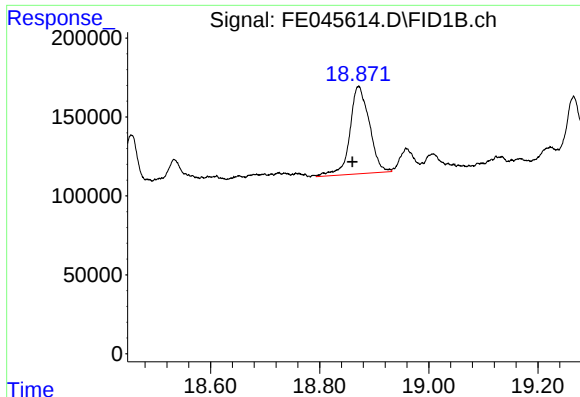
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.005 min
Response: 276715
Conc: 1.60 ug/ml



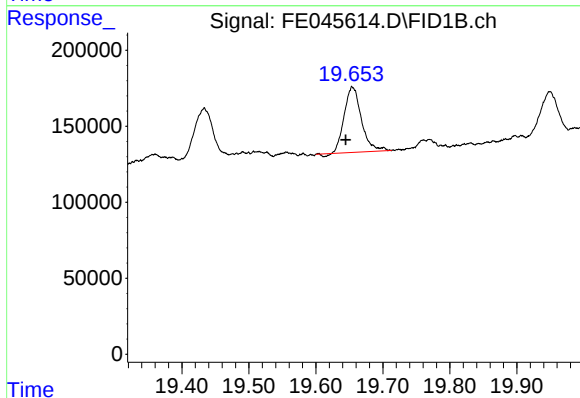
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.004 min
Response: 410714
Conc: 2.35 ug/ml



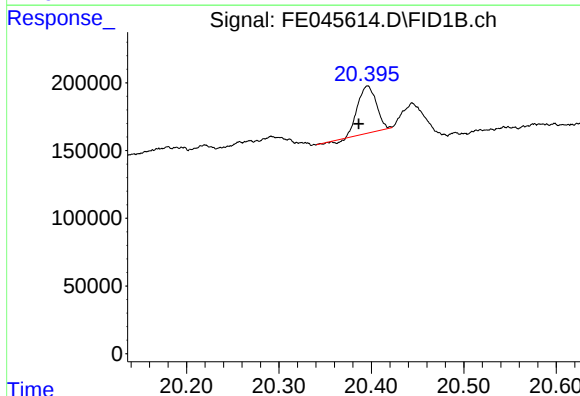
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.012 min
Response: 1375851
Conc: 7.54 ug/ml



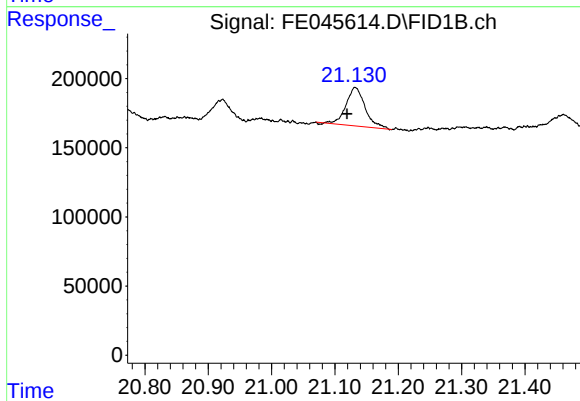
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.010 min
Response: 762272
Conc: 4.59 ug/ml



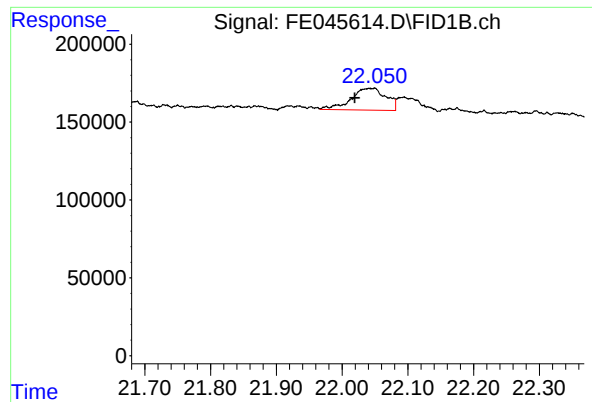
#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: 0.010 min
Response: 481120
Conc: 3.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.013 min
Response: 574901
Conc: 3.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.047 min
Delta R.T.: 0.027 min
Response: 517946
Conc: 3.64 ug/ml