

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120822AL\
 Data File : FE039201.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2022 16:14
 Operator : YP\AJ
 Sample : N5942-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 03:09:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.944	6477464	41.406 ug/ml
Spiked Amount 50.000		Recovery =	82.81%
12) S 1-chlorooctadecane (S...	13.378	5436364	45.025 ug/ml
Spiked Amount 50.000		Recovery =	90.05%
Target Compounds			
6) T n-Tetradecane (C14)	8.573	71773	0.503 ug/ml
7) T n-Hexadecane (C16)	10.180	256662	1.755 ug/ml
8) T n-Octadecane (C18)	11.622	211120	1.435 ug/ml
10) T n-Eicosane (C20)	12.931	251609	1.772 ug/ml
11) T n-Heneicosane (C21)	13.557	328818	2.314 ug/ml
13) T n-Docosane (C22)	14.128	234599	1.678 ug/ml
14) T n-Tetracosane (C24)	15.213	3186907	23.076 ug/ml
15) T n-Hexacosane (C26)	16.258	126894	0.945 ug/ml
16) T n-Octacosane (C28)	17.208	542824	4.088 ug/ml
17) T n-Tricontane (C30)	18.088	168952	1.279 ug/ml
18) T n-Dotriacontane (C32)	18.921	133253	0.999 ug/ml
19) T n-Tetratriacontane (C34)	19.704	97740	0.739 ug/ml
20) T n-Hexatriacontane (C36)	20.445	88507	0.689 ug/ml
21) T n-Octatriacontane (C38)	21.183	155931	1.190 ug/ml
22) T n-Tetracontane (C40)	22.096	199572	1.466 ug/ml

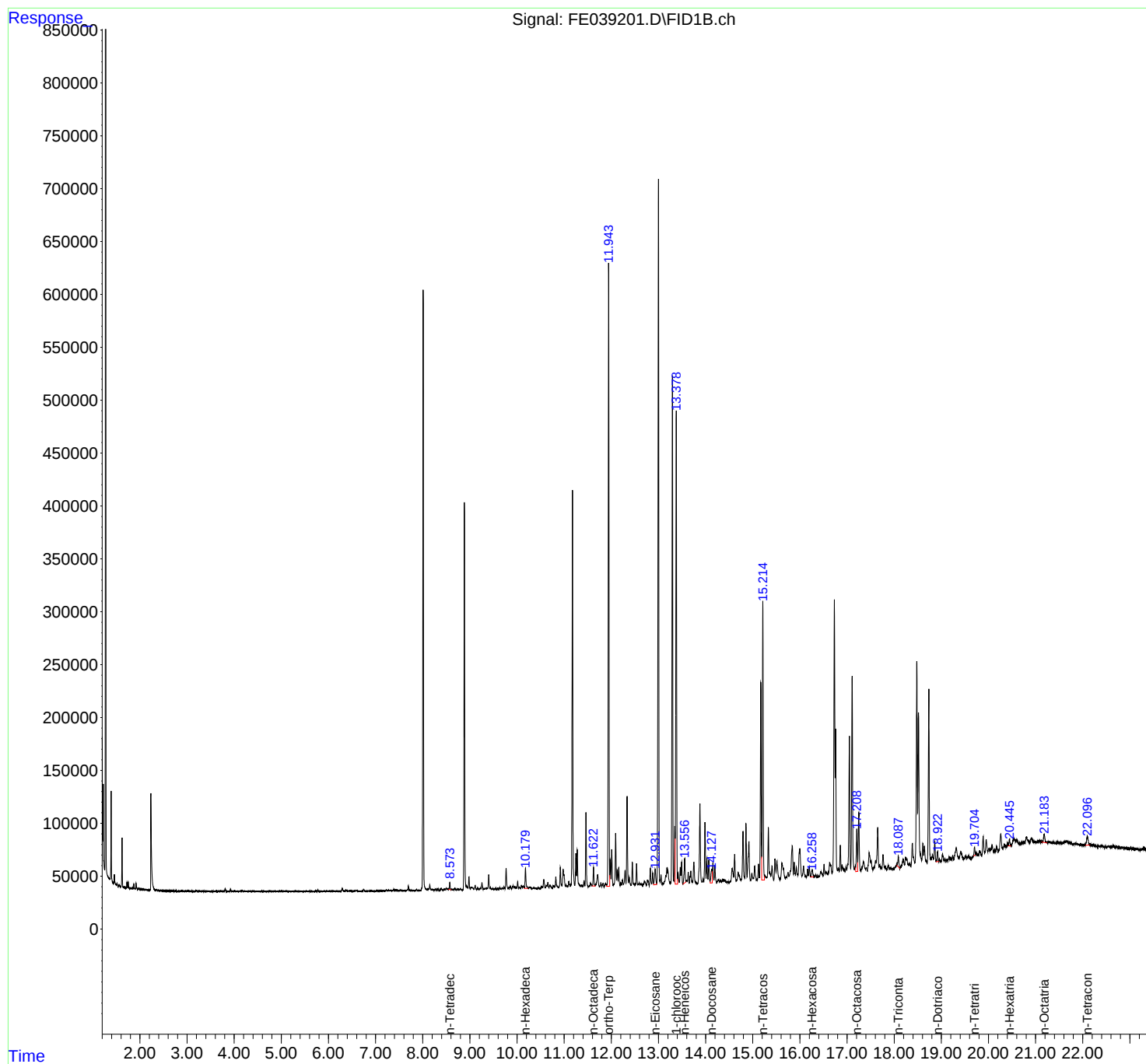
(f)=RT Delta > 1/2 Window

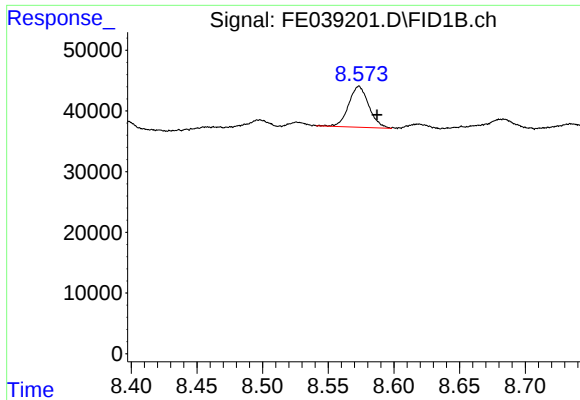
(m)=manual int.

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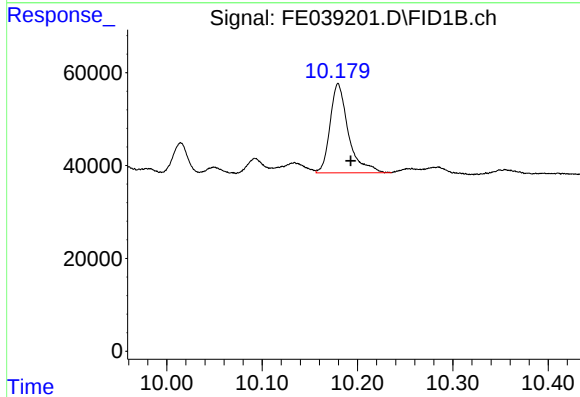
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





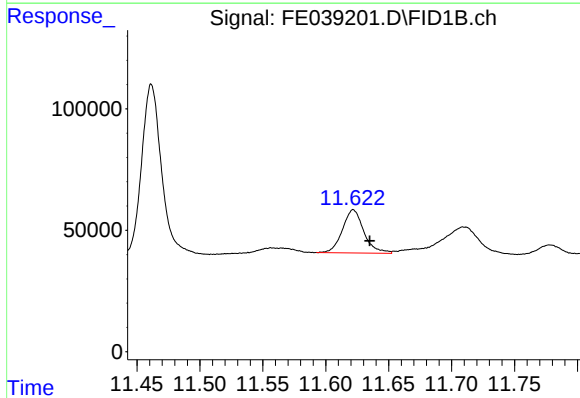
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.014 min
Response: 71773
Conc: 0.50 ug/ml



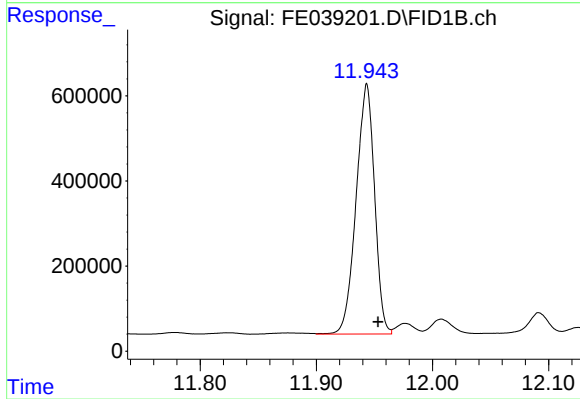
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.013 min
Response: 256662
Conc: 1.76 ug/ml



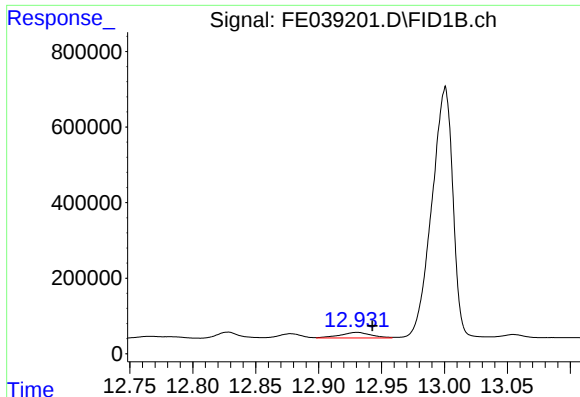
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 211120
Conc: 1.43 ug/ml



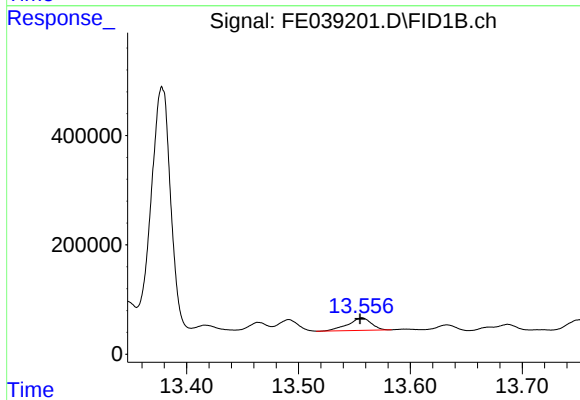
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.010 min
Response: 6477464
Conc: 41.41 ug/ml



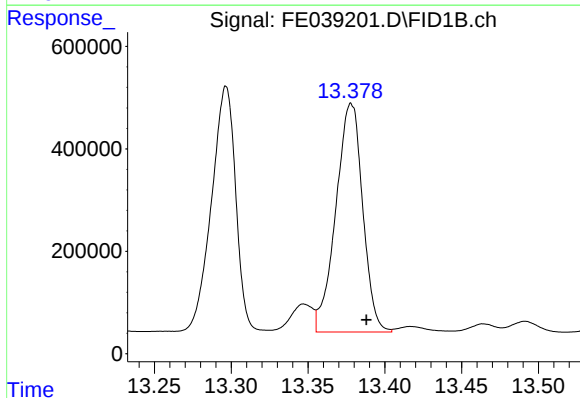
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.012 min
Response: 251609
Conc: 1.77 ug/ml



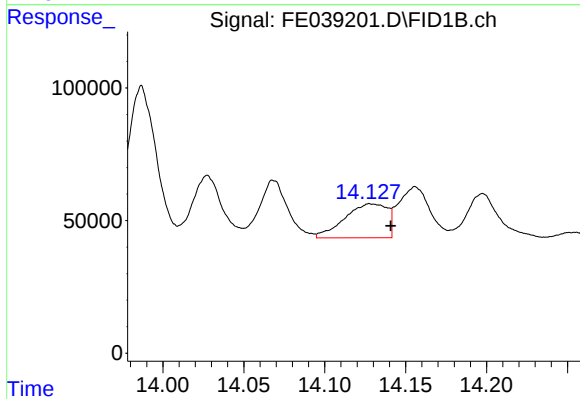
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.002 min
Response: 328818
Conc: 2.31 ug/ml



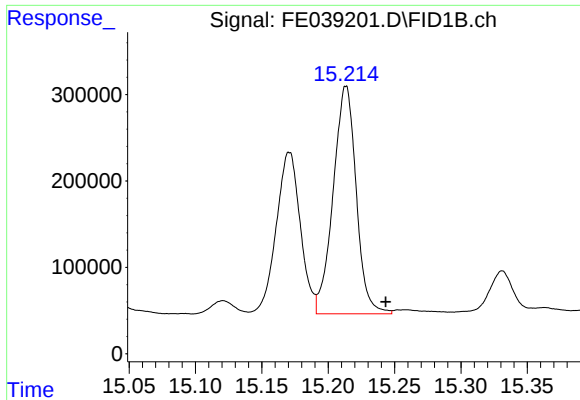
#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.010 min
Response: 5436364
Conc: 45.03 ug/ml



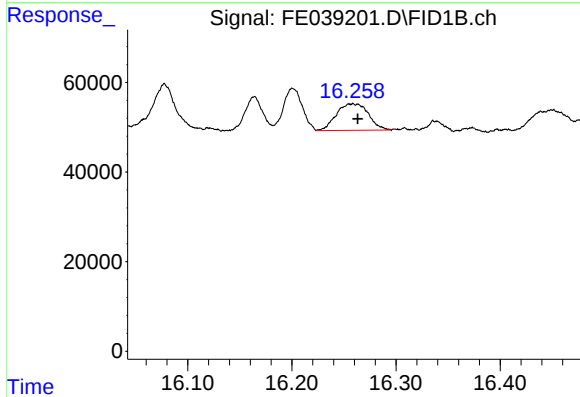
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.013 min
Response: 234599
Conc: 1.68 ug/ml



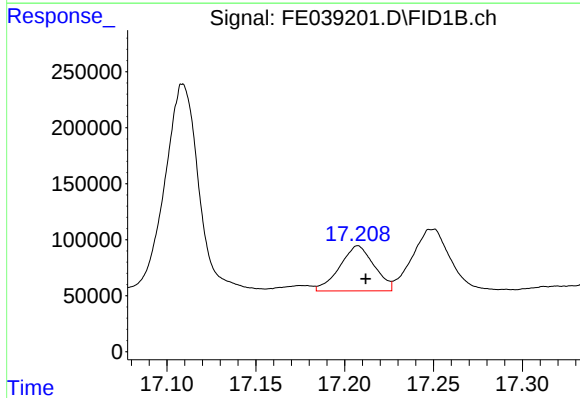
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.030 min
Response: 3186907
Conc: 23.08 ug/ml



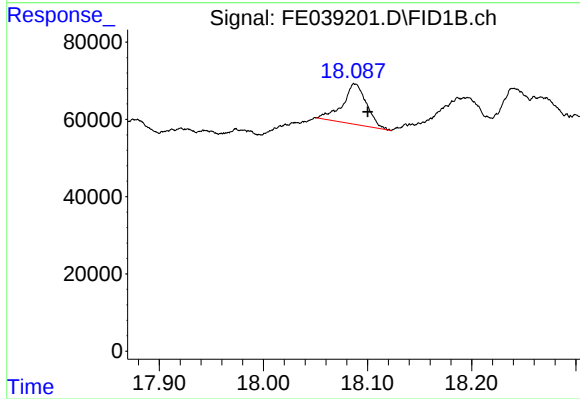
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.005 min
Response: 126894
Conc: 0.94 ug/ml



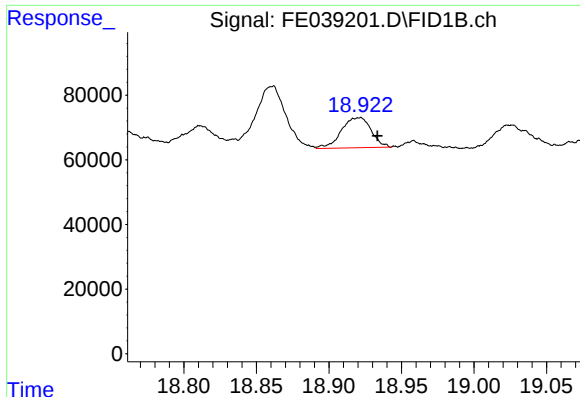
#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.004 min
Response: 542824
Conc: 4.09 ug/ml



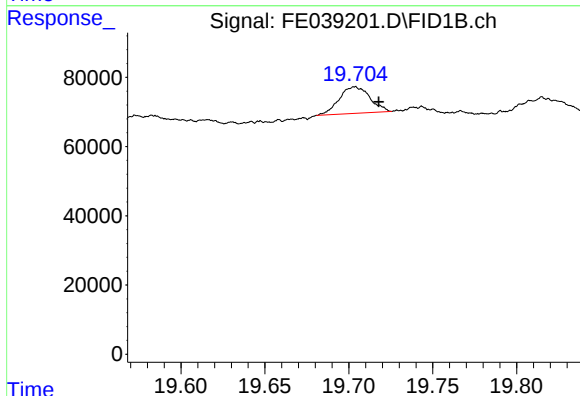
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.012 min
Response: 168952
Conc: 1.28 ug/ml



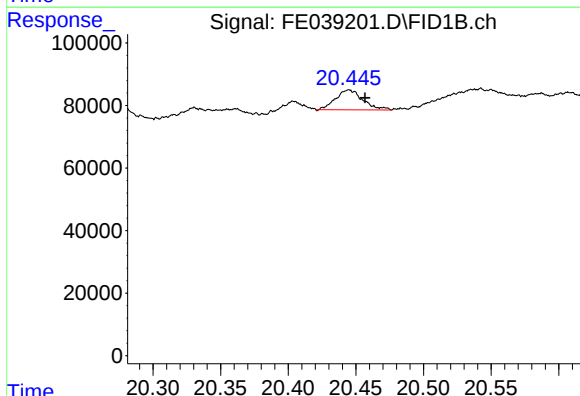
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.012 min
Response: 133253
Conc: 1.00 ug/ml



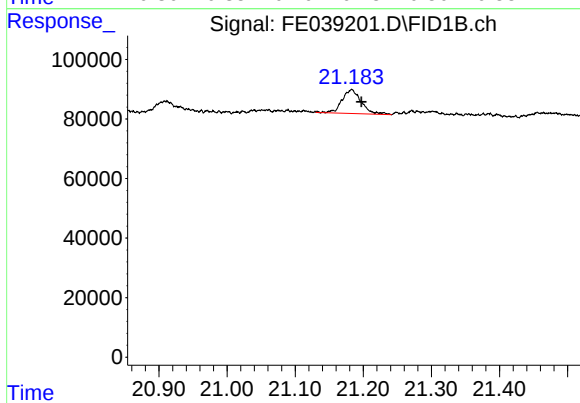
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 97740
Conc: 0.74 ug/ml



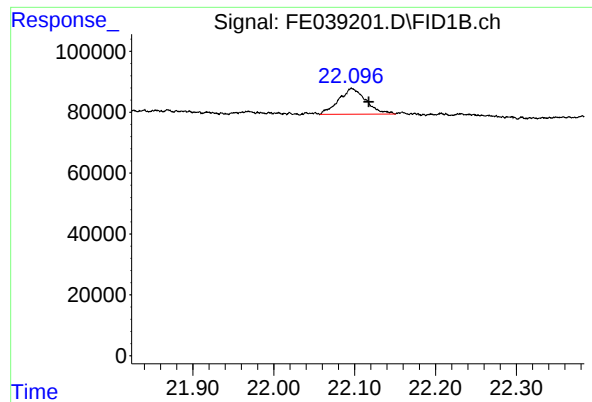
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 88507
Conc: 0.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.014 min
Response: 155931
Conc: 1.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.021 min
Response: 199572
Conc: 1.47 ug/ml