

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055151.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 16:06
 Operator : YP\AJ
 Sample : Q2774-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:24:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.087	4748982	33.255 ug/ml
Spiked Amount 50.000		Recovery =	66.51%
12) S 1-chlorooctadecane (S...	13.523	5845832	54.368 ug/ml
Spiked Amount 50.000		Recovery =	108.74%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.401	60593	0.451 ug/ml
5) T A~2-methylnaphthalene...	7.501	18069	0.139 ug/ml
6) T n-Tetradecane (C14)	8.698	63833	0.521 ug/ml
7) T n-Hexadecane (C16)	10.329	176245	1.379 ug/ml
8) T n-Octadecane (C18)	11.753	361567	2.771 ug/ml
10) T n-Eicosane (C20)	13.070	217868	1.736 ug/ml
11) T n-Heneicosane (C21)	13.716	709303	5.754 ug/ml
13) T n-Docosane (C22)	14.230	426973	3.496 ug/ml
14) T n-Tetracosane (C24)	15.388	7834602	64.411 ug/ml
15) T n-Hexacosane (C26)	16.436	375024	3.134 ug/ml
16) T n-Octacosane (C28)	17.388	2004694	16.900 ug/ml
17) T n-Tricontane (C30)	18.245	870820	7.077 ug/ml
18) T n-Dotriacontane (C32)	19.049	925525	7.586 ug/ml
20) T n-Hexatriacontane (C36)	20.593	235767	2.157 ug/ml
22) T n-Tetracontane (C40)	22.376	55177	0.528 ug/ml

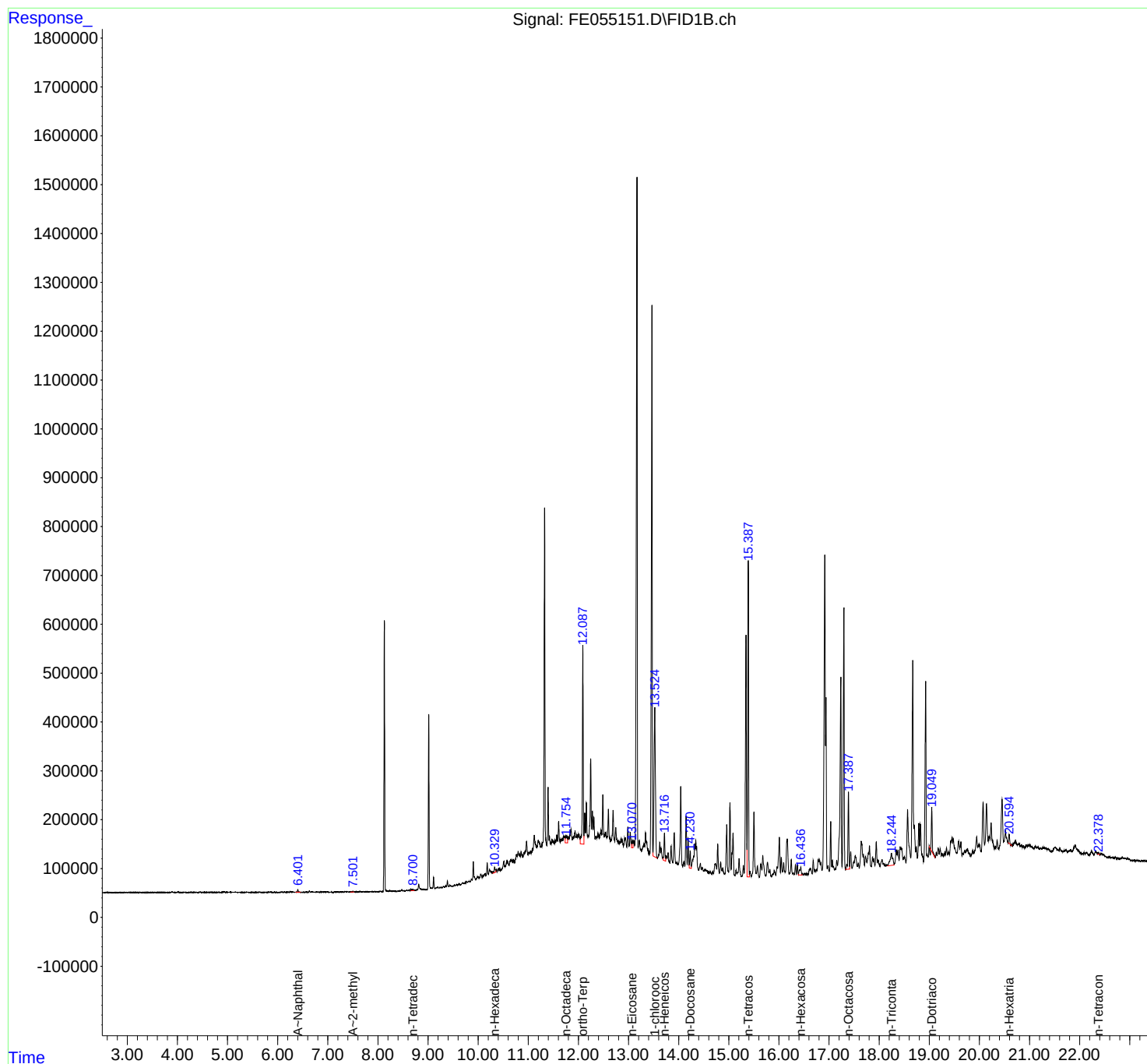
(f)=RT Delta > 1/2 Window

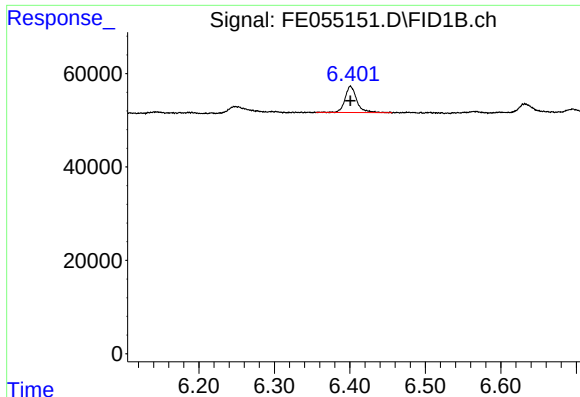
(m)=manual int.

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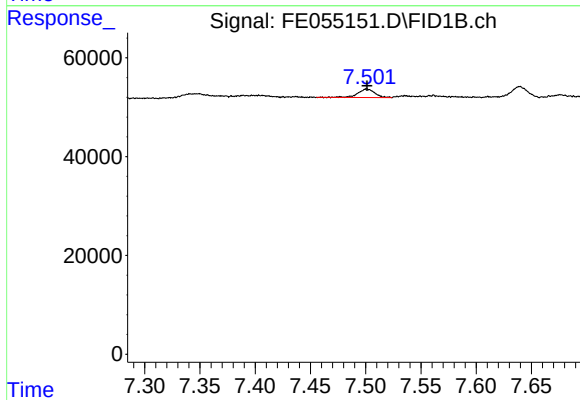
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





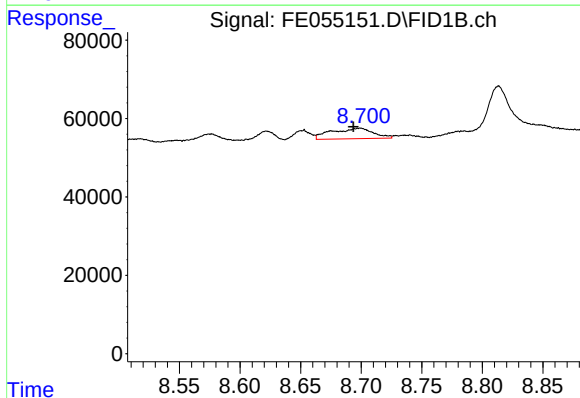
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 60593
Conc: 0.45 ug/ml



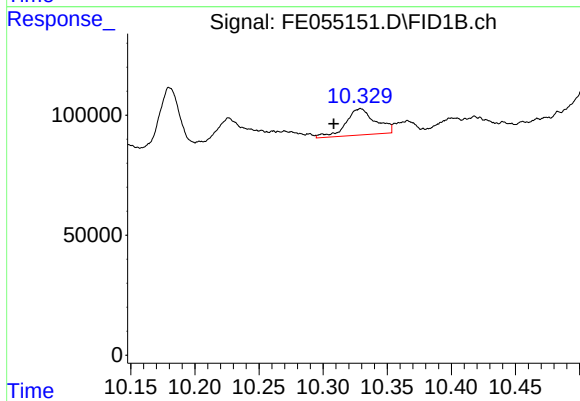
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 18069
Conc: 0.14 ug/ml



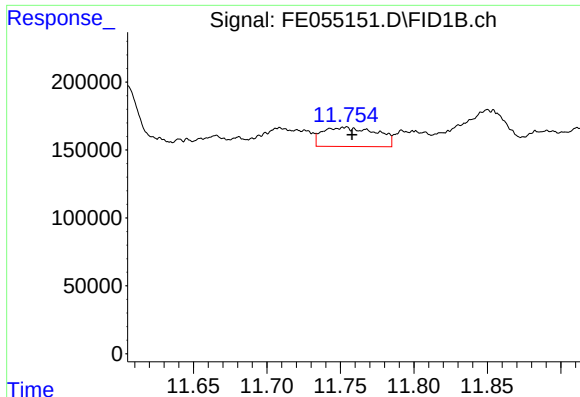
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 63833
Conc: 0.52 ug/ml



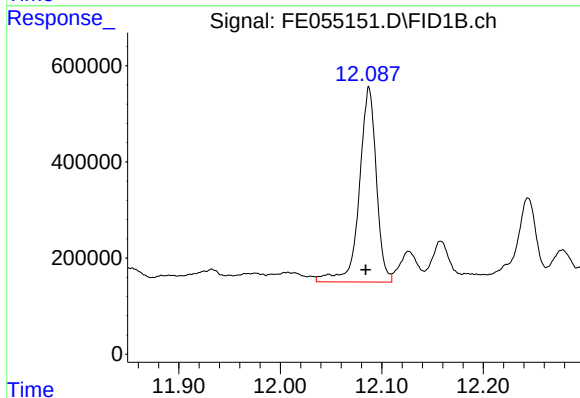
#7 n-Hexadecane (C16)

R.T.: 10.329 min
Delta R.T.: 0.020 min
Response: 176245
Conc: 1.38 ug/ml



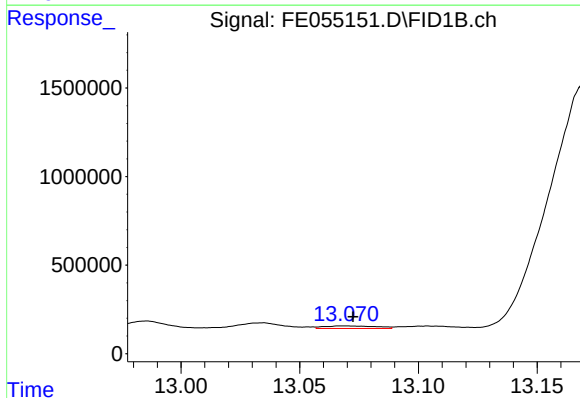
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 361567
Conc: 2.77 ug/ml



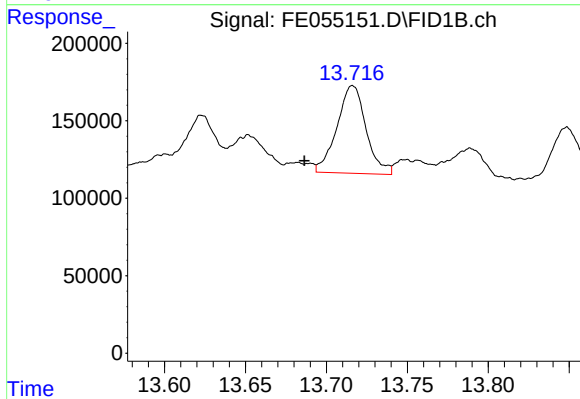
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 4748982
Conc: 33.26 ug/ml



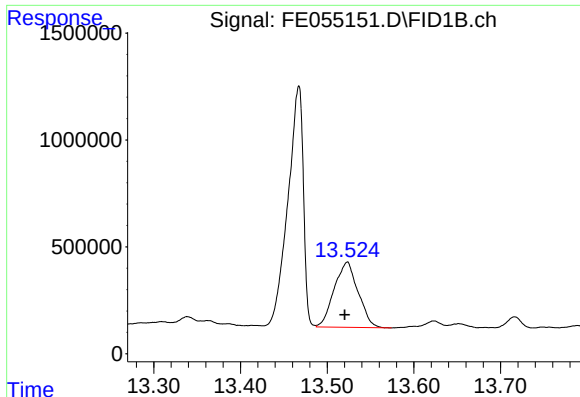
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 217868
Conc: 1.74 ug/ml



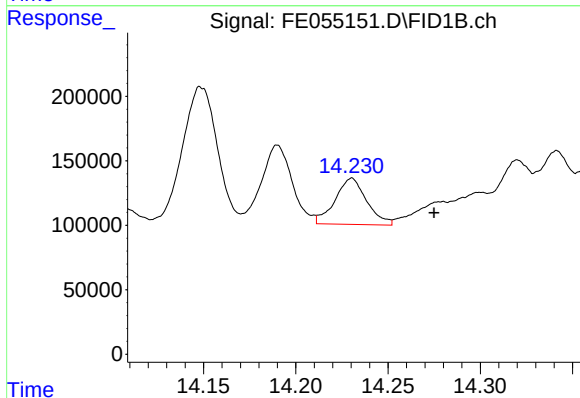
#11 n-Heneicosane (C21)

R.T.: 13.716 min
Delta R.T.: 0.030 min
Response: 709303
Conc: 5.75 ug/ml



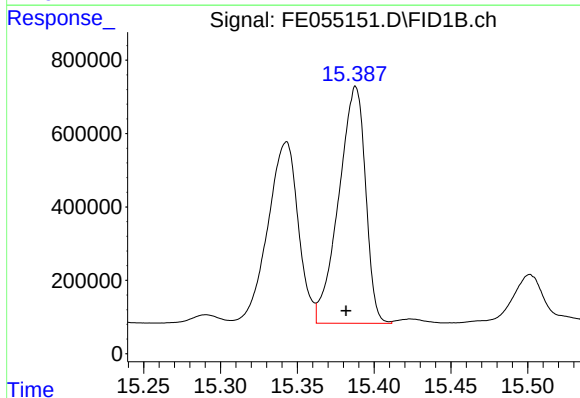
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 5845832
Conc: 54.37 ug/ml



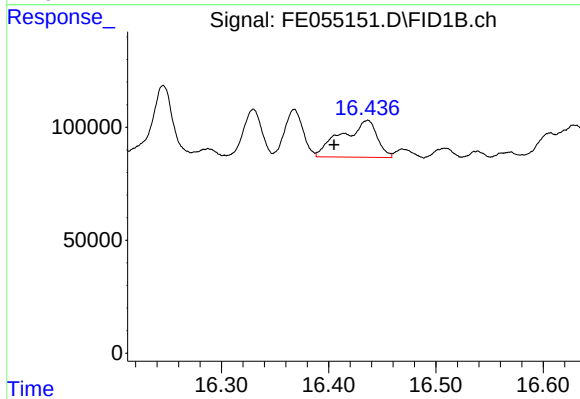
#13 n-Docosane (C22)

R.T.: 14.230 min
Delta R.T.: -0.045 min
Response: 426973
Conc: 3.50 ug/ml



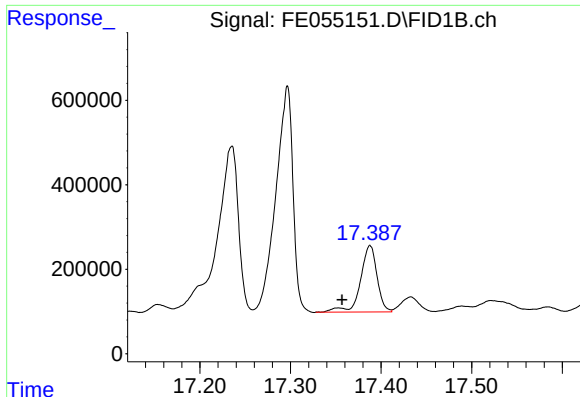
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 7834602
Conc: 64.41 ug/ml



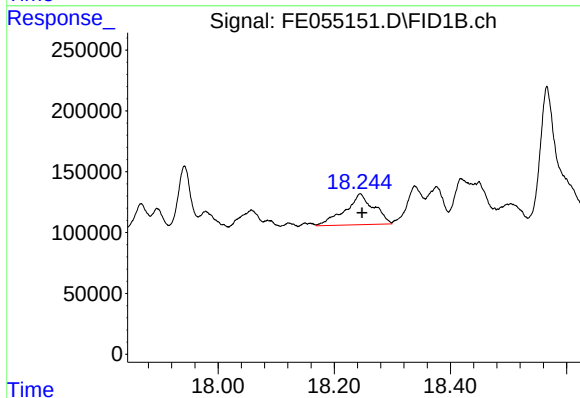
#15 n-Hexacosane (C26)

R.T.: 16.436 min
Delta R.T.: 0.031 min
Response: 375024
Conc: 3.13 ug/ml



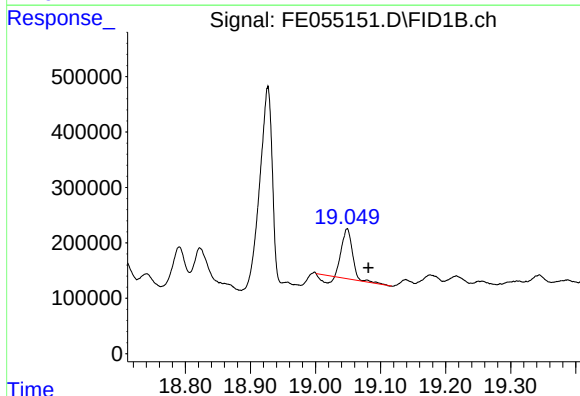
#16 n-Octacosane (C28)

R.T.: 17.388 min
Delta R.T.: 0.031 min
Response: 2004694
Conc: 16.90 ug/ml



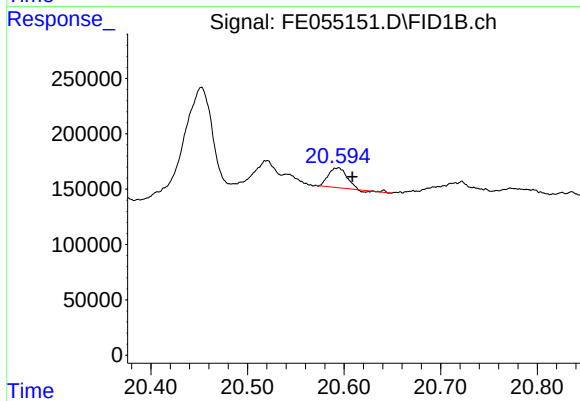
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 870820
Conc: 7.08 ug/ml



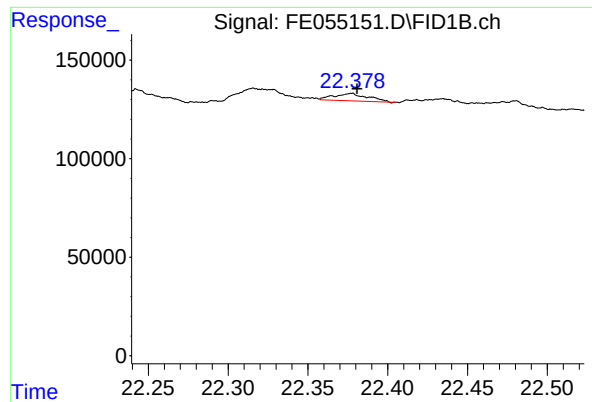
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: -0.033 min
Response: 925525
Conc: 7.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.593 min
Delta R.T.: -0.015 min
Response: 235767
Conc: 2.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.004 min
Response: 55177
Conc: 0.53 ug/ml