

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072522AL\
 Data File : FE036701.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2022 00:35
 Operator : YP\AJ
 Sample : N3858-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 03:37:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.857	6277740	33.706 ug/ml
Spiked Amount 50.000		Recovery =	67.41%
12) S 1-chlorooctadecane (S...	13.297	4892915	32.160 ug/ml
Spiked Amount 50.000		Recovery =	64.32%
Target Compounds			
5) T A~2-methylnaphthalene...	7.297	78699	<MDL ug/ml
6) T n-Tetradecane (C14)	8.491	222797	1.365 ug/ml
7) T n-Hexadecane (C16)	10.098	292392	1.774 ug/ml
8) T n-Octadecane (C18)	11.540	336670	1.981 ug/ml
10) T n-Eicosane (C20)	12.850	303943	1.787 ug/ml
11) T n-Heneicosane (C21)	13.462	293491	1.715 ug/ml
13) T n-Docosane (C22)	14.048	305683	1.790 ug/ml
14) T n-Tetracosane (C24)	15.151	311997	1.830 ug/ml
15) T n-Hexacosane (C26)	16.175	317854	1.901 ug/ml
16) T n-Octacosane (C28)	17.125	313046	1.917 ug/ml
17) T n-Tricontane (C30)	18.014	306226	2.015 ug/ml
18) T n-Dotriacontane (C32)	18.845	485291	4.035 ug/ml
19) T n-Tetratriacontane (C34)	19.634	778209	9.345 ug/ml
20) T n-Hexatriacontane (C36)	20.375	1002030	17.065 ug/ml
21) T n-Octatriacontane (C38)	21.102	869379	17.340 ug/ml
22) T n-Tetracontane (C40)	21.989	832452	16.120 ug/ml

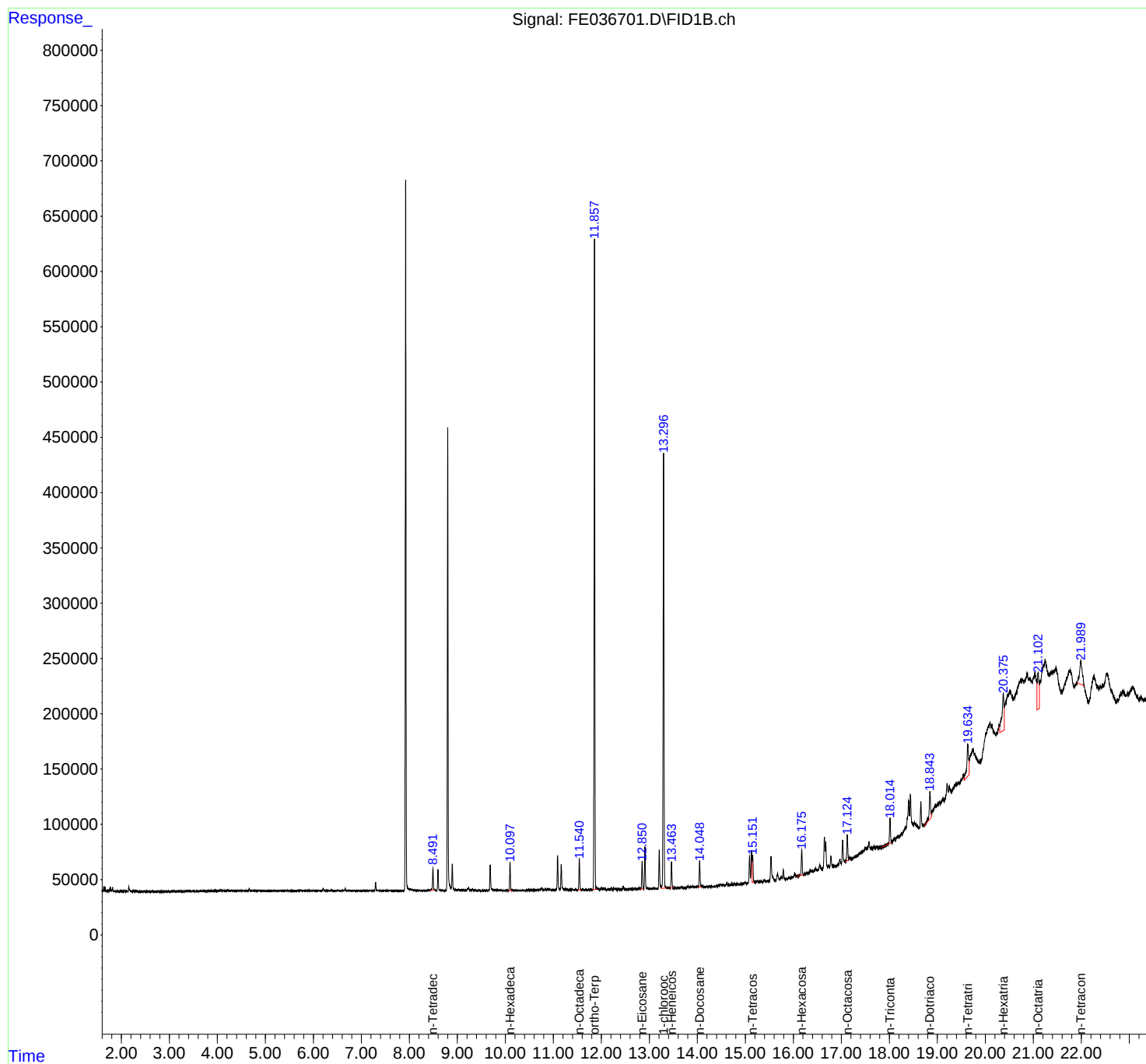
(f)=RT Delta > 1/2 Window

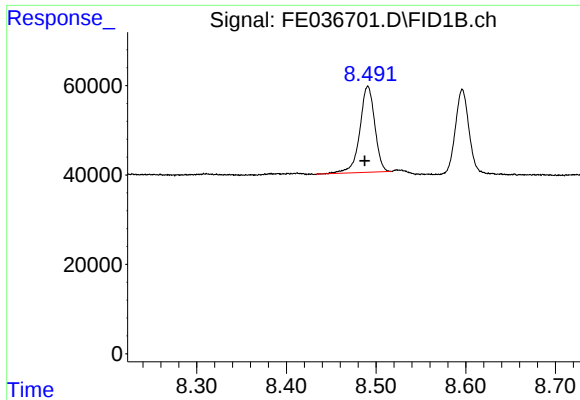
(m)=manual int.

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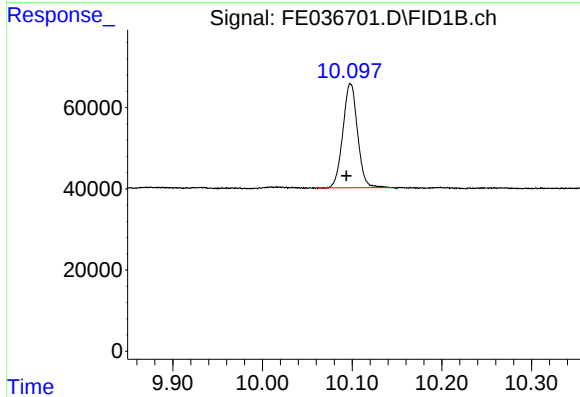
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





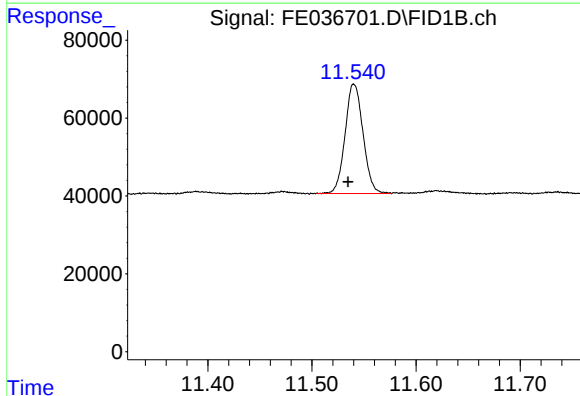
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.004 min
Response: 222797
Conc: 1.36 ug/ml



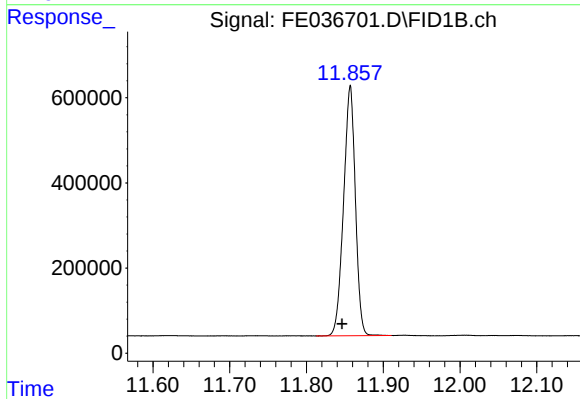
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: 0.004 min
Response: 292392
Conc: 1.77 ug/ml



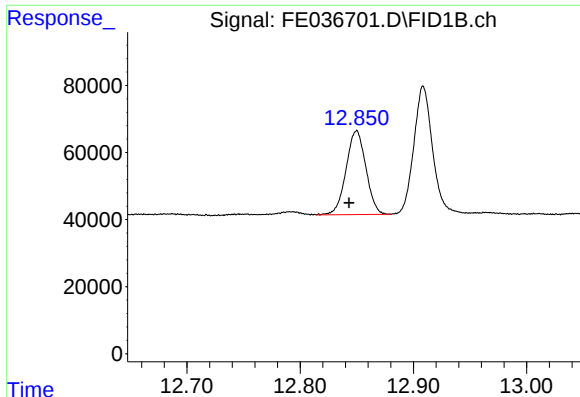
#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: 0.006 min
Response: 336670
Conc: 1.98 ug/ml



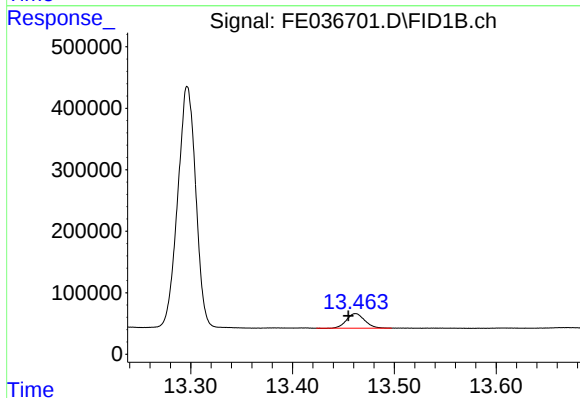
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: 0.011 min
Response: 6277740
Conc: 33.71 ug/ml



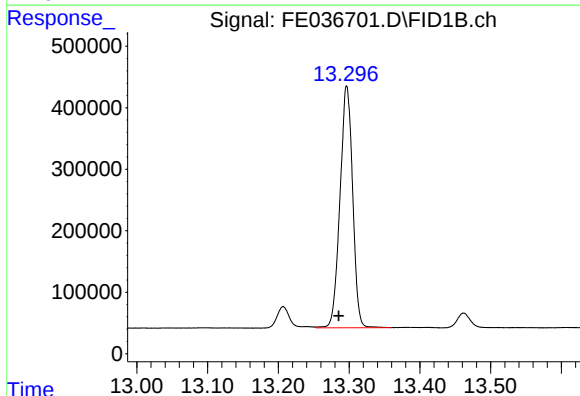
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: 0.007 min
Response: 303943
Conc: 1.79 ug/ml



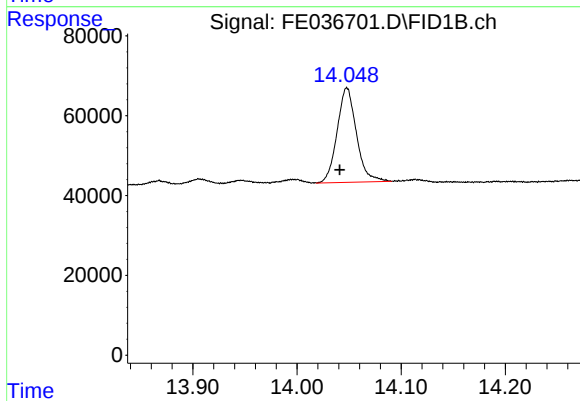
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.007 min
Response: 293491
Conc: 1.71 ug/ml



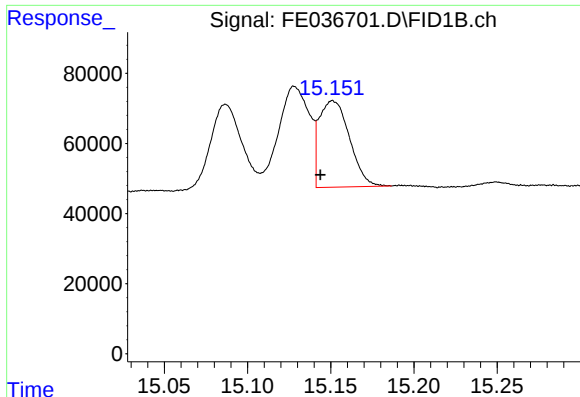
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: 0.011 min
Response: 4892915
Conc: 32.16 ug/ml



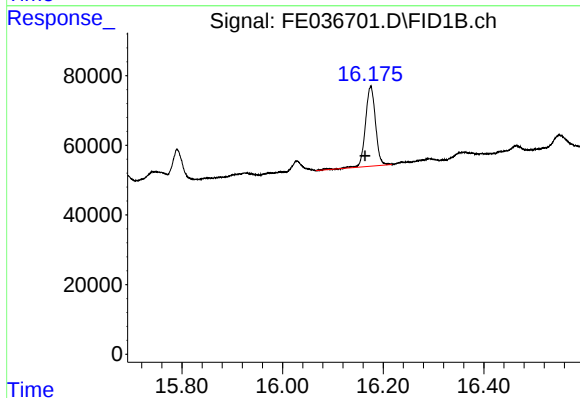
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: 0.007 min
Response: 305683
Conc: 1.79 ug/ml



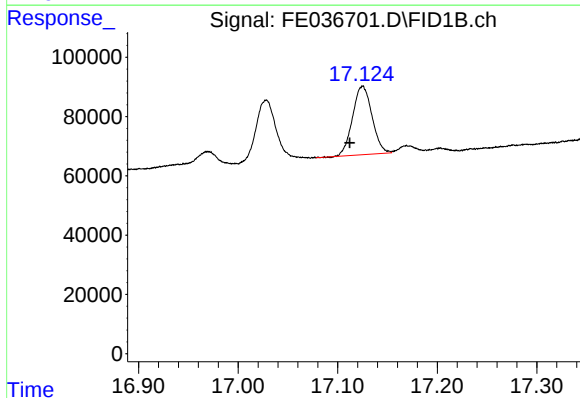
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.007 min
Response: 311997
Conc: 1.83 ug/ml



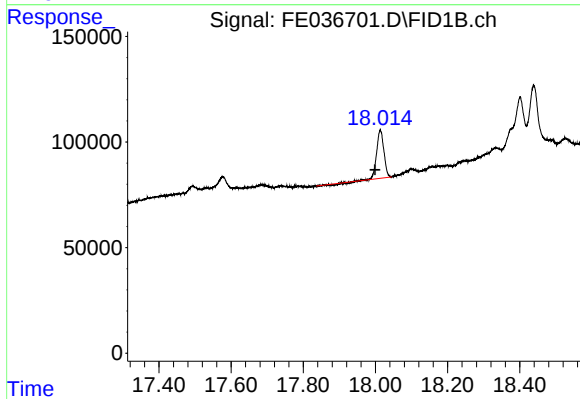
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.011 min
Response: 317854
Conc: 1.90 ug/ml



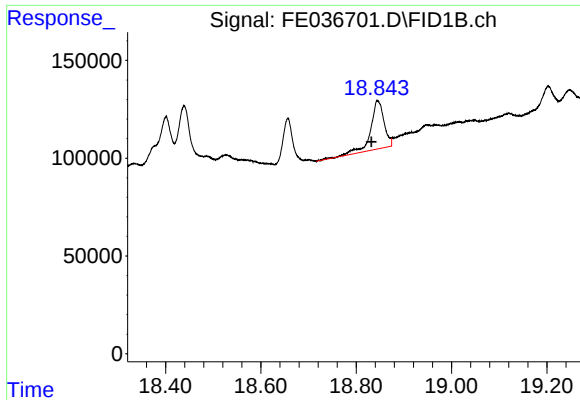
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: 0.013 min
Response: 313046
Conc: 1.92 ug/ml



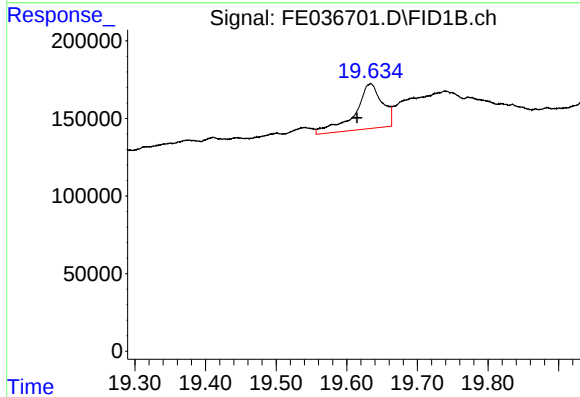
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: 0.015 min
Response: 306226
Conc: 2.02 ug/ml



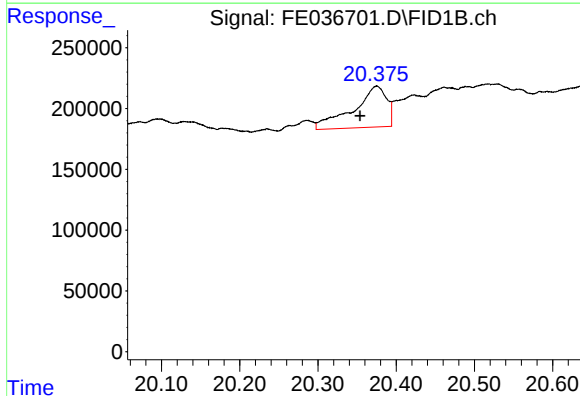
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: 0.013 min
Response: 485291
Conc: 4.04 ug/ml



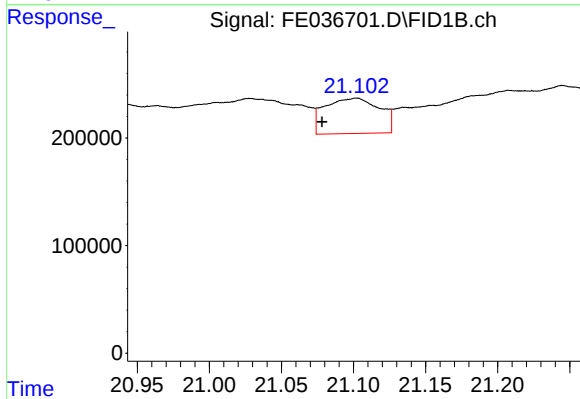
#19 n-Tetatriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.019 min
Response: 778209
Conc: 9.34 ug/ml



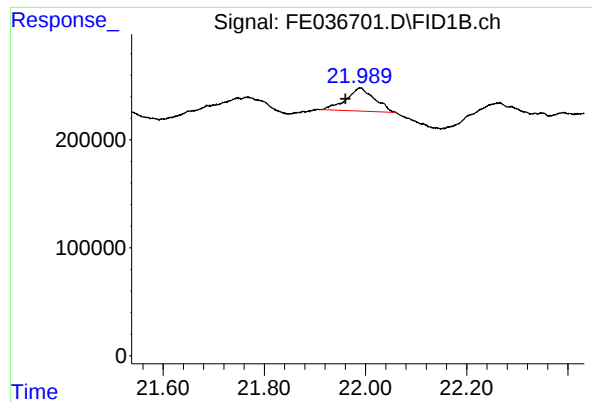
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: 0.021 min
Response: 1002030
Conc: 17.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: 0.024 min
Response: 869379
Conc: 17.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.029 min
Response: 832452
Conc: 16.12 ug/ml