

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059924.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2022 22:11
 Operator : UA/NP
 Sample : N3028-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1-1-5FTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/26/2022
 Supervised By :Ankita Jodhani 05/26/2022

Integration File: sample.E
 Quant Time: May 26 00:45:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

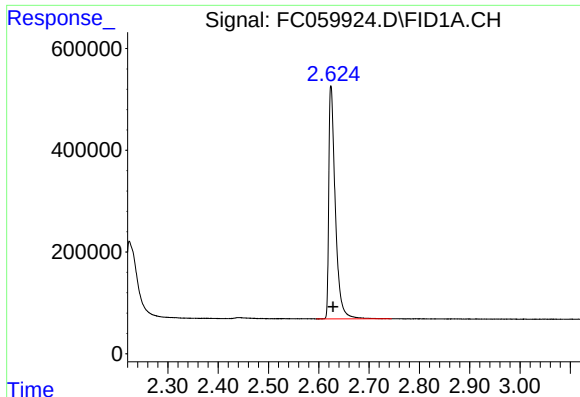
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.640	4793930	30.474 ug/ml
Spiked Amount 50.000		Recovery =	60.95%
12) S 1-chlorooctadecane (S...	12.008	3910331	30.994 ug/ml
Spiked Amount 50.000		Recovery =	61.99%
Target Compounds			
1) T n-Nonane (C9)	2.625	4135915	31.549 ug/ml
2) T n-Decane (C10)	3.622	4561103	35.162 ug/ml
3) T A~Naphthalene (C11.7)	5.153	5754613	39.383 ug/ml
4) T n-Dodecane (C12)	5.572	5143837	38.338 ug/ml
5) T A~2-methylnaphthalene...	6.178	5901829	39.318 ug/ml
6) T n-Tetradecane (C14)	7.325	5506409	40.335 ug/ml
7) T n-Hexadecane (C16)	8.887	5979552	42.496 ug/ml
8) T n-Octadecane (C18)	10.297	6501841	45.174 ug/ml
10) T n-Eicosane (C20)	11.577	6320017	43.747 ug/ml
11) T n-Heneicosane (C21)	12.174	6297731	43.425 ug/ml
13) T n-Docosane (C22)	12.746	6244236	42.800 ug/ml
14) T n-Tetracosane (C24)	13.820	12135563	83.113 ug/ml
15) T n-Hexacosane (C26)	14.823	5946492	41.381 ug/ml
16) T n-Octacosane (C28)	15.748	5748705	41.011 ug/ml
17) T n-Tricontane (C30)	16.616	5309692	39.745 ug/ml
18) T n-Dotriacontane (C32)	17.427	5002559	41.045 ug/ml
19) T n-Tetratriacontane (C34)	18.193	4530797	42.613 ug/mlm
20) T n-Hexatriacontane (C36)	18.912	4134279	43.026 ug/ml
21) T n-Octatriacontane (C38)	19.595	3906548	42.374 ug/ml
22) T n-Tetracontane (C40)	20.244	4054239	42.336 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



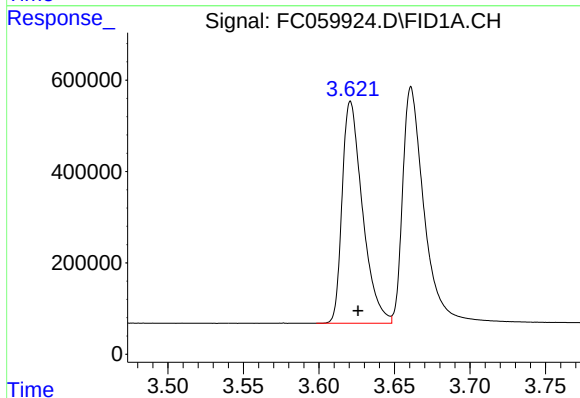
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.003 min
Response: 4135915
Conc: 31.55 ug/ml

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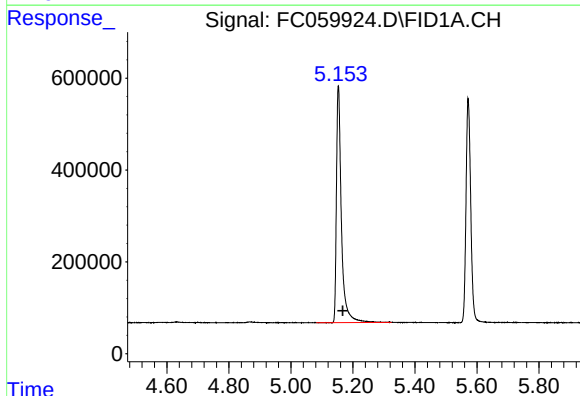
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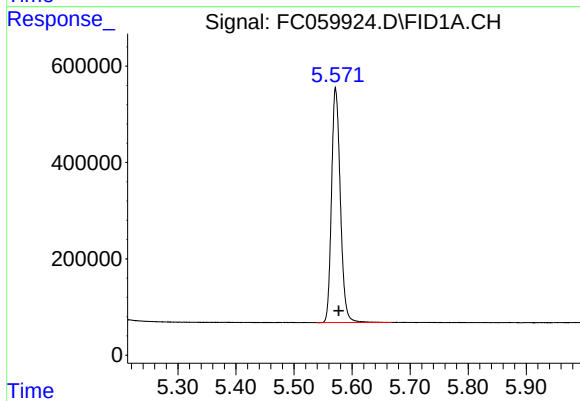
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.004 min
Response: 4561103
Conc: 35.16 ug/ml



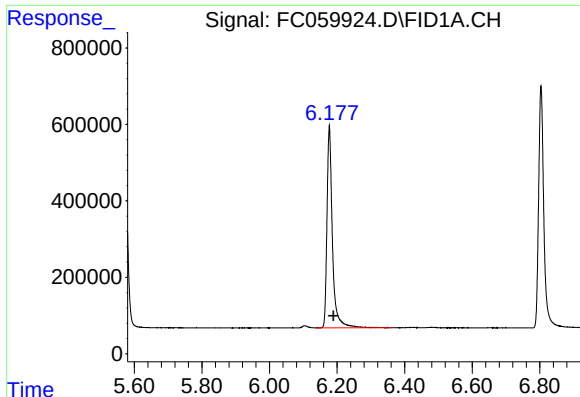
#3 A~Naphthalene (C11.7)

R.T.: 5.153 min
Delta R.T.: -0.014 min
Response: 5754613
Conc: 39.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 5143837
Conc: 38.34 ug/ml



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

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 5901829
Conc: 39.32 ug/ml

Instrument :

FID_C

ClientSampleId :

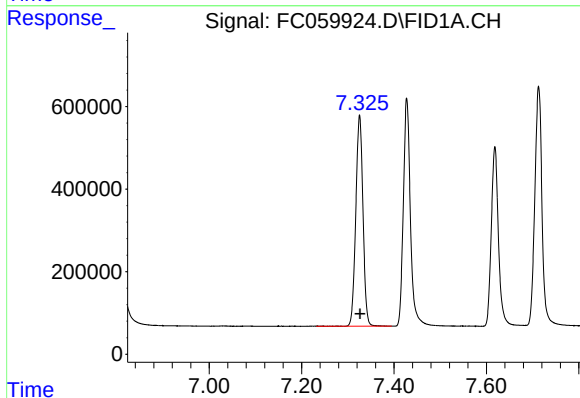
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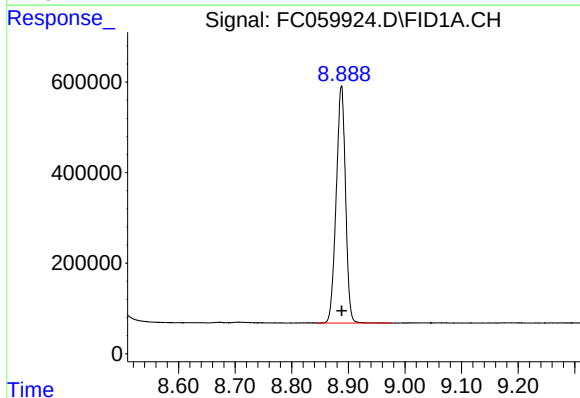
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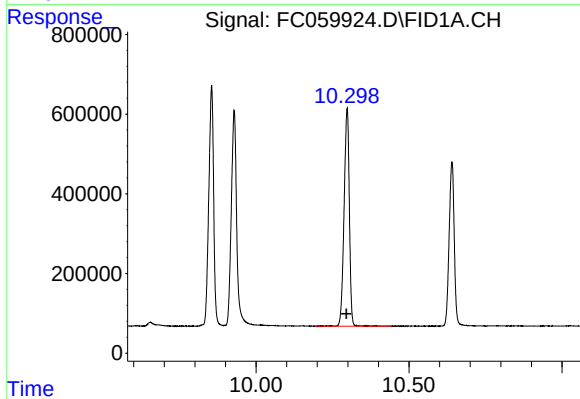
#6 n-Tetradecane (C14)

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 5506409
Conc: 40.34 ug/ml



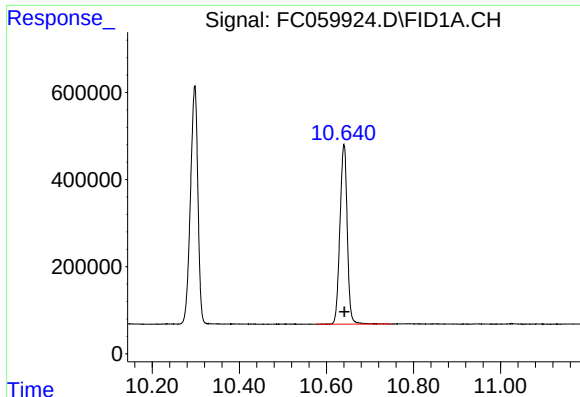
#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 5979552
Conc: 42.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 6501841
Conc: 45.17 ug/ml



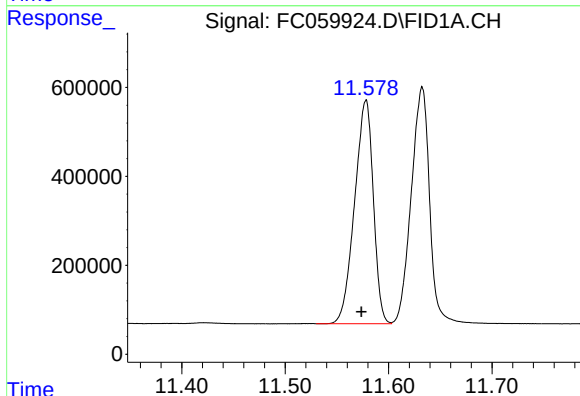
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: -0.001 min
Response: 4793930
Conc: 30.47 ug/ml

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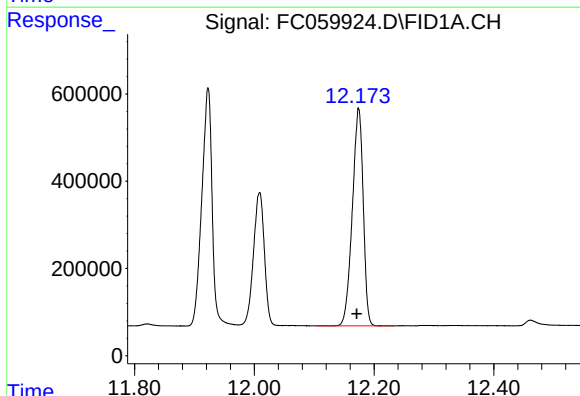
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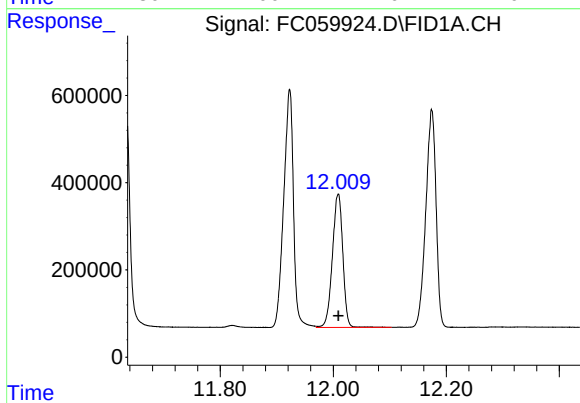
#10 n-Eicosane (C20)

R.T.: 11.577 min
Delta R.T.: 0.003 min
Response: 6320017
Conc: 43.75 ug/ml



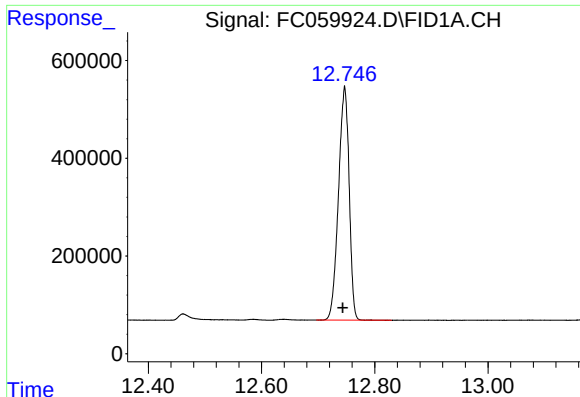
#11 n-Heneicosane (C21)

R.T.: 12.174 min
Delta R.T.: 0.003 min
Response: 6297731
Conc: 43.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.008 min
Delta R.T.: 0.000 min
Response: 3910331
Conc: 30.99 ug/ml



#13 n-Docosane (C22)

R.T.: 12.746 min
Delta R.T.: 0.003 min
Response: 6244236
Conc: 42.80 ug/ml

Instrument :

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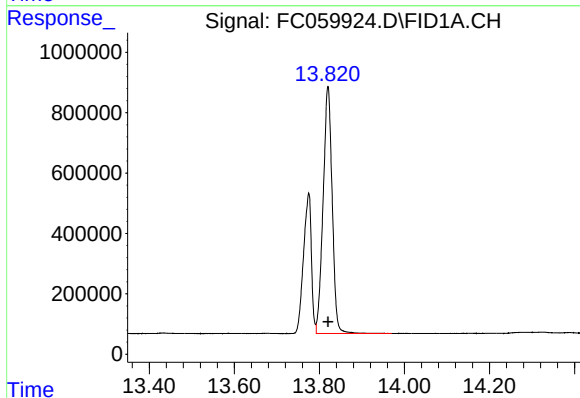
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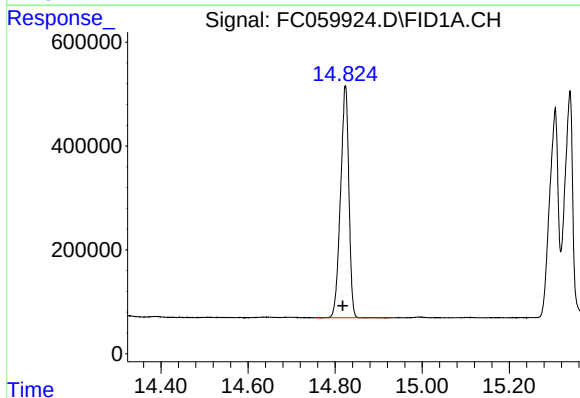
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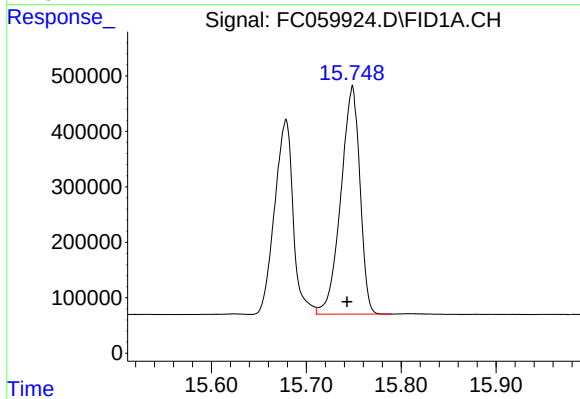
#14 n-Tetracosane (C24)

R.T.: 13.820 min
Delta R.T.: 0.000 min
Response: 12135563
Conc: 83.11 ug/ml



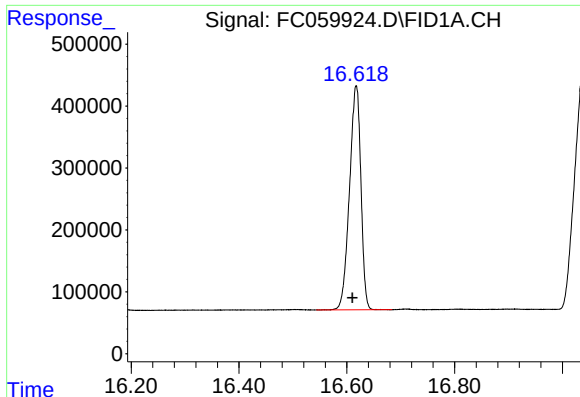
#15 n-Hexacosane (C26)

R.T.: 14.823 min
Delta R.T.: 0.005 min
Response: 5946492
Conc: 41.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.748 min
Delta R.T.: 0.005 min
Response: 5748705
Conc: 41.01 ug/ml



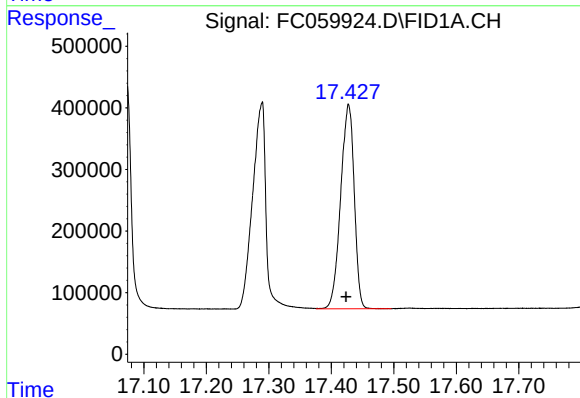
#17 n-Tricontane (C30)

R.T.: 16.616 min
Delta R.T.: 0.006 min
Response: 5309692
Conc: 39.74 ug/ml

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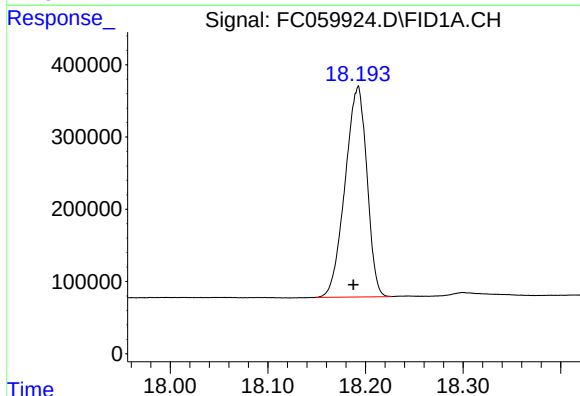
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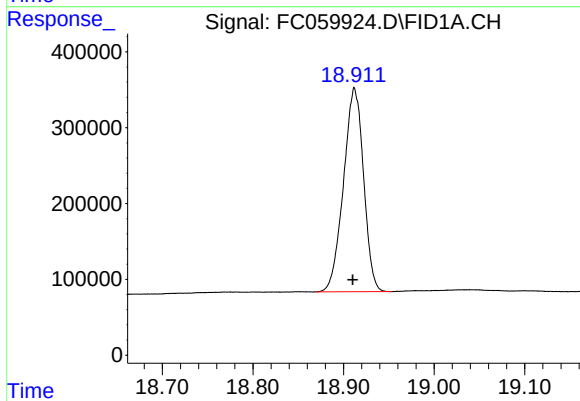
#18 n-Dotriacontane (C32)

R.T.: 17.427 min
Delta R.T.: 0.003 min
Response: 5002559
Conc: 41.04 ug/ml



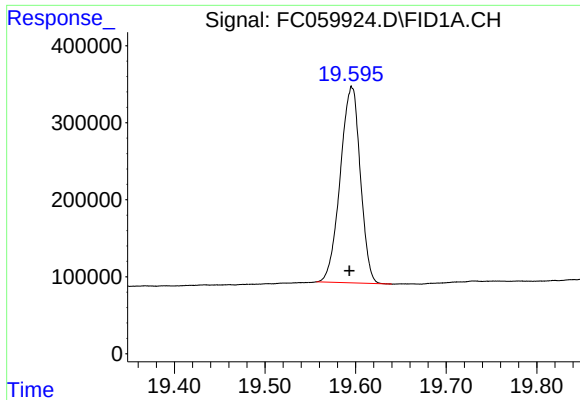
#19 n-Tetratriacontane (C34)

R.T.: 18.193 min
Delta R.T.: 0.005 min
Response: 4530797
Conc: 42.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.912 min
Delta R.T.: 0.002 min
Response: 4134279
Conc: 43.03 ug/ml



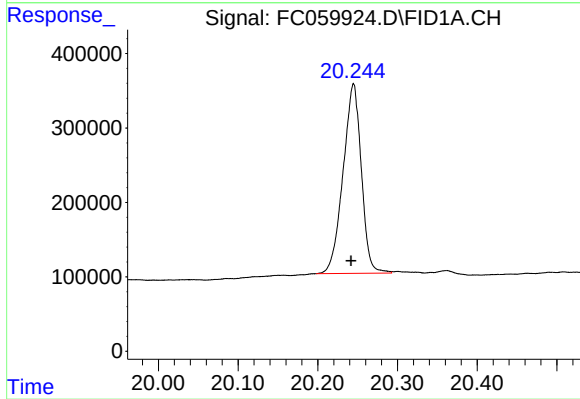
#21 n-Octatriacontane (C38)

R.T.: 19.595 min
Delta R.T.: 0.002 min
Response: 3906548
Conc: 42.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.244 min
Delta R.T.: 0.002 min
Response: 4054239
Conc: 42.34 ug/ml m