

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042321AL\
 Data File : FC053388.D
 Signal(s) : FID1A.CH
 Acq On : 24 Apr 2021 21:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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Integration File: sample.E
 Quant Time: Apr 25 23:07:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

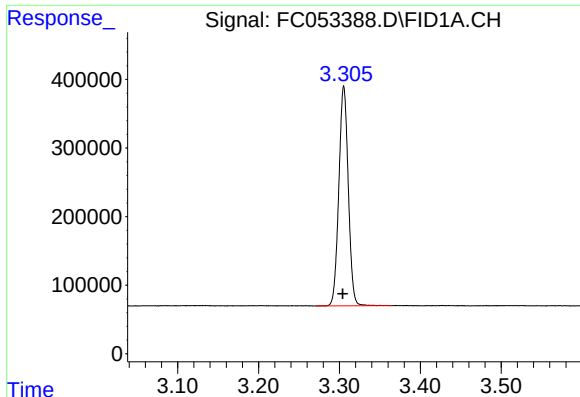
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.557	2542718	18.373 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
12) S 1-chlorooctadecane (S...	12.999	1921174	17.751 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T n-Nonane (C9)	3.305	2592903	22.350 ug/ml
2) T n-Decane (C10)	4.373	2625800	22.436 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2872853	22.083 ug/ml
4) T n-Dodecane (C12)	6.394	2668950	22.365 ug/ml
5) T A~2-methylnaphthalene...	7.020	2917023	22.069 ug/ml
6) T n-Tetradecane (C14)	8.193	2617628	21.508 ug/ml
7) T n-Hexadecane (C16)	9.797	2515473	20.905 ug/ml
8) T n-Octadecane (C18)	11.241	2478897	19.563 ug/ml
10) T n-Eicosane (C20)	12.554	2350940	18.332 ug/ml
11) T n-Heneicosane (C21)	13.167	2297190	17.887 ug/ml
13) T n-Docosane (C22)	13.754	2236241	17.351 ug/ml
14) T n-Tetracosane (C24)	14.859	2153641	16.675 ug/ml
15) T n-Hexacosane (C26)	15.882	2111994	16.434 ug/mlm
16) T n-Octacosane (C28)	16.834	2095617	16.181 ug/mlm
17) T n-Tricontane (C30)	17.724	2168758	16.105 ug/ml
18) T n-Dotriacontane (C32)	18.557	2165292	15.789 ug/mlm
19) T n-Tetratriacontane (C34)	19.343	2190684	16.787 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	2125683	17.557 ug/mlm
21) T n-Octatriacontane (C38)	20.820	1878260	17.825 ug/mlm
22) T n-Tetracontane (C40)	21.726	2186301	20.881 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



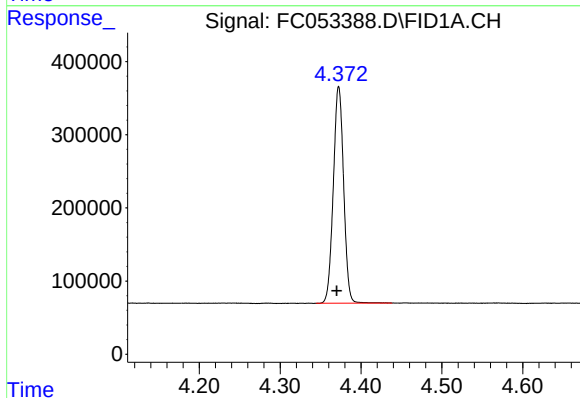
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: 0.001 min
Response: 2592903
Conc: 22.35 ug/ml

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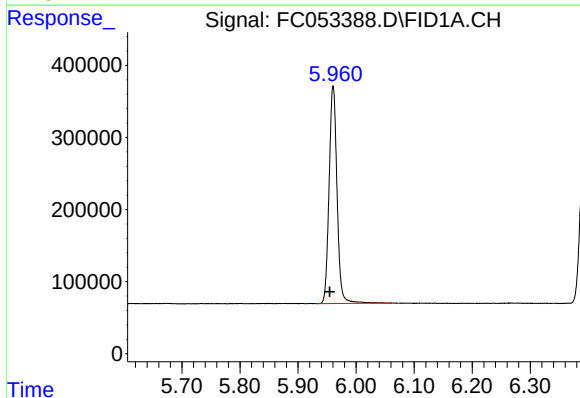
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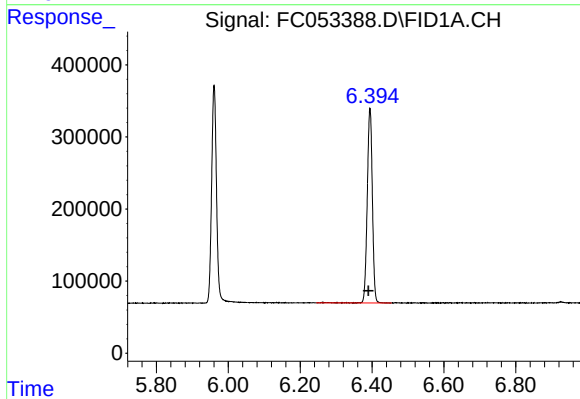
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: 0.003 min
Response: 2625800
Conc: 22.44 ug/ml



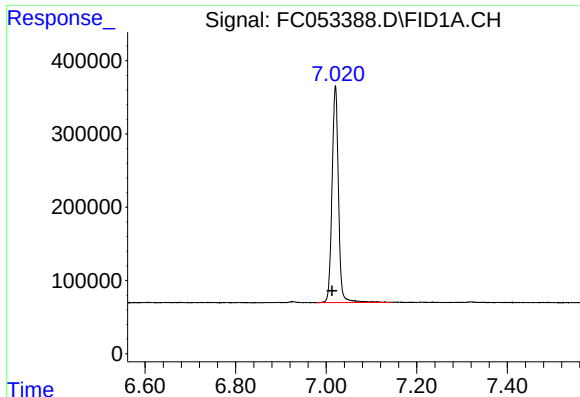
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.006 min
Response: 2872853
Conc: 22.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.004 min
Response: 2668950
Conc: 22.37 ug/ml



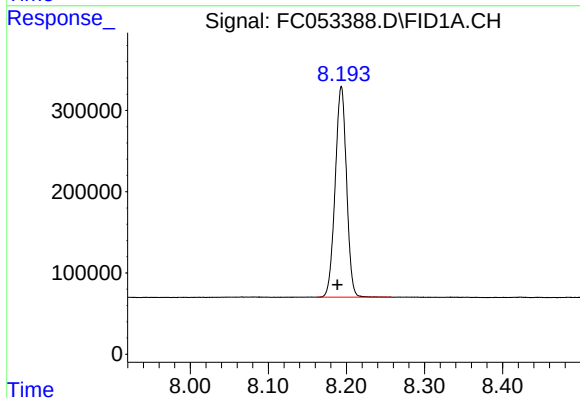
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: 0.008 min
Response: 2917023
Conc: 22.07 ug/ml

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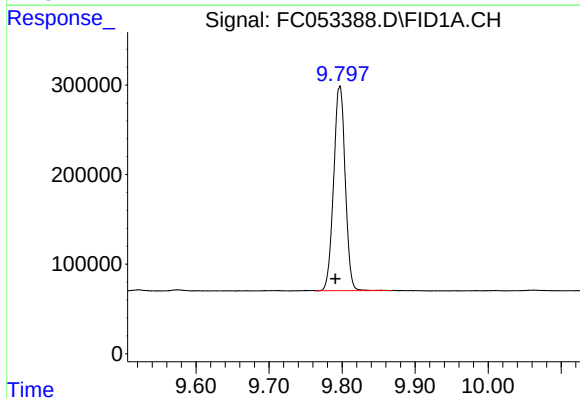
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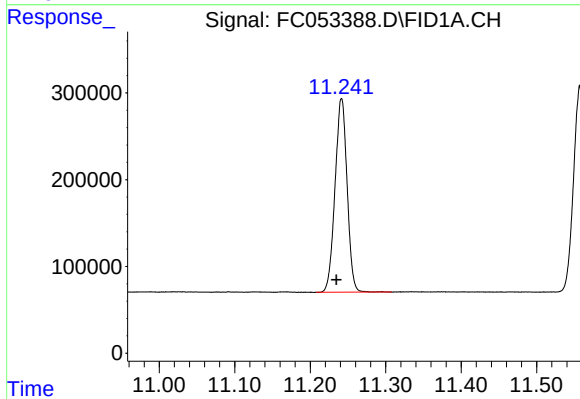
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.005 min
Response: 2617628
Conc: 21.51 ug/ml



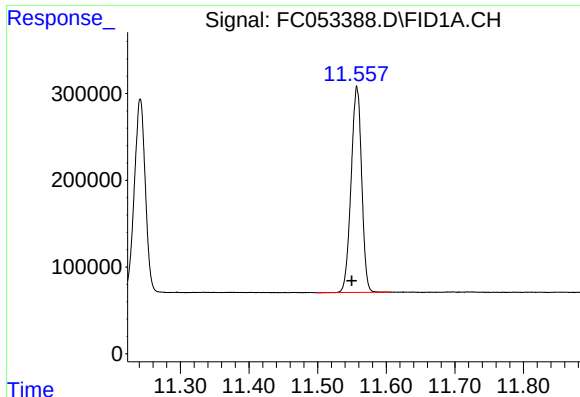
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: 0.006 min
Response: 2515473
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: 0.007 min
Response: 2478897
Conc: 19.56 ug/ml



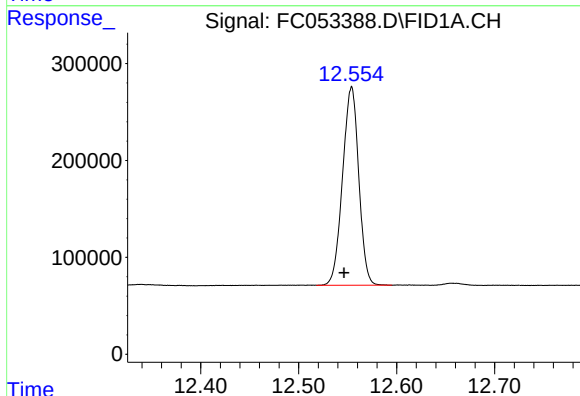
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.008 min
Response: 2542718
Conc: 18.37 ug/ml

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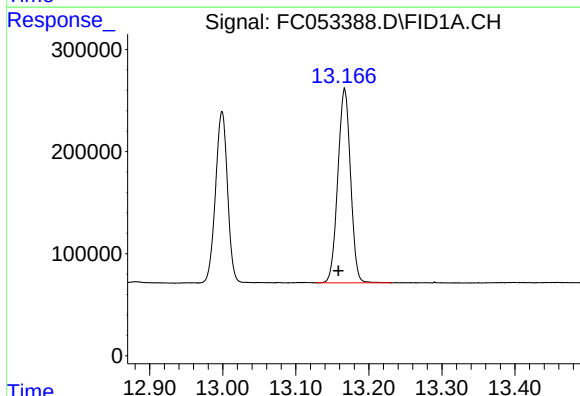
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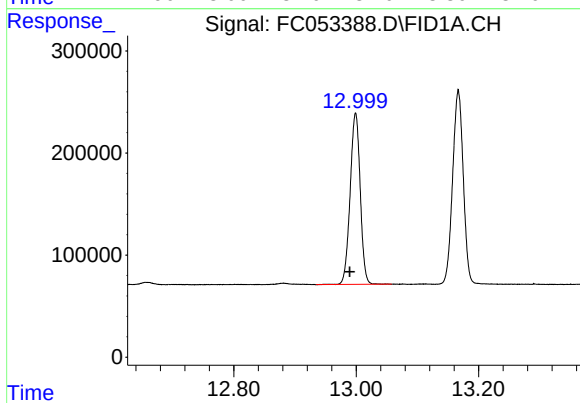
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: 0.008 min
Response: 2350940
Conc: 18.33 ug/ml



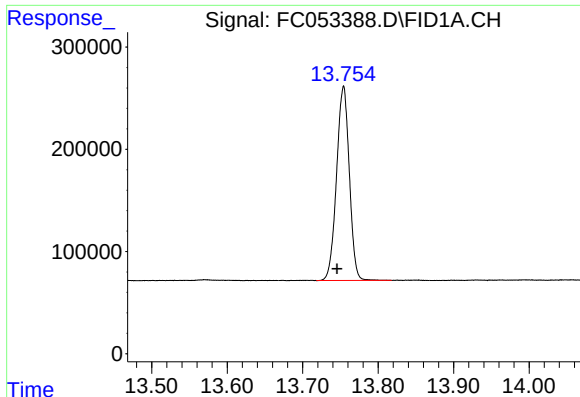
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: 0.008 min
Response: 2297190
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: 0.009 min
Response: 1921174
Conc: 17.75 ug/ml



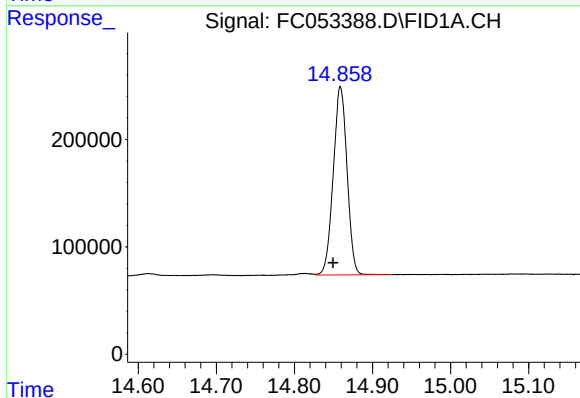
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: 0.008 min
Response: 2236241
Conc: 17.35 ug/ml

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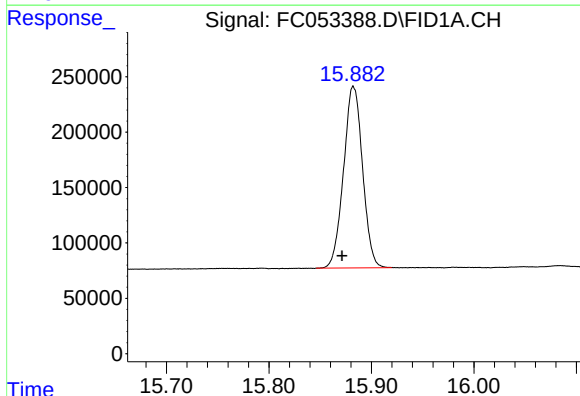
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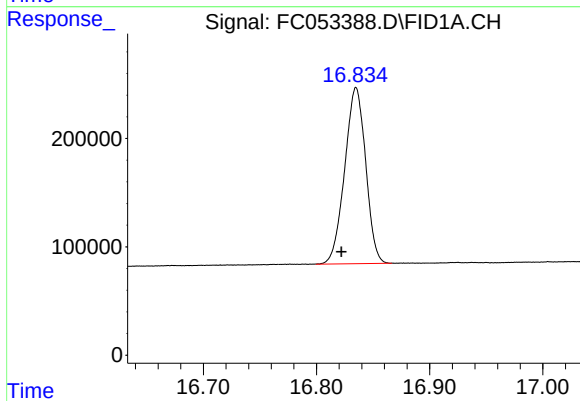
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.009 min
Response: 2153641
Conc: 16.67 ug/ml



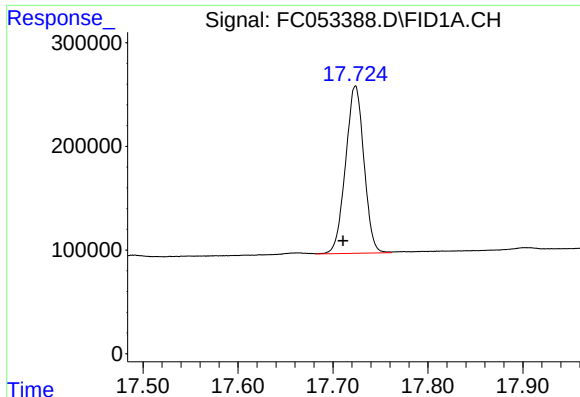
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.010 min
Response: 2111994
Conc: 16.43 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: 0.012 min
Response: 2095617
Conc: 16.18 ug/ml m



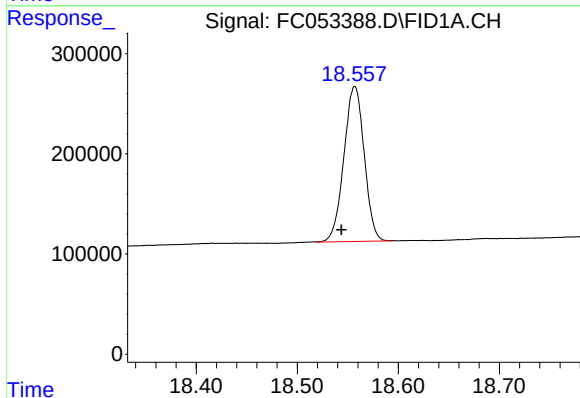
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.013 min
Response: 2168758
Conc: 16.11 ug/ml

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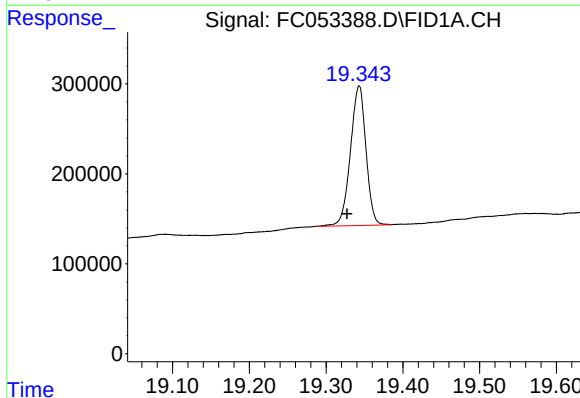
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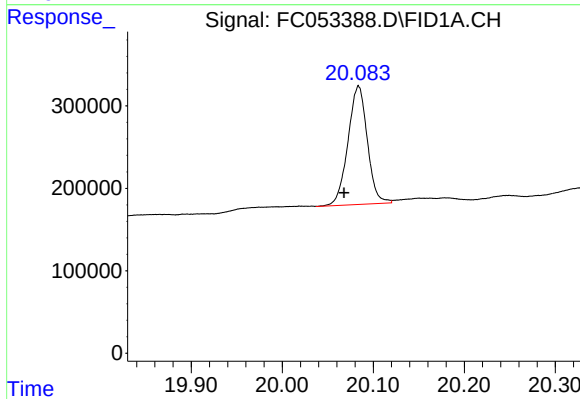
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.013 min
Response: 2165292
Conc: 15.79 ug/ml m



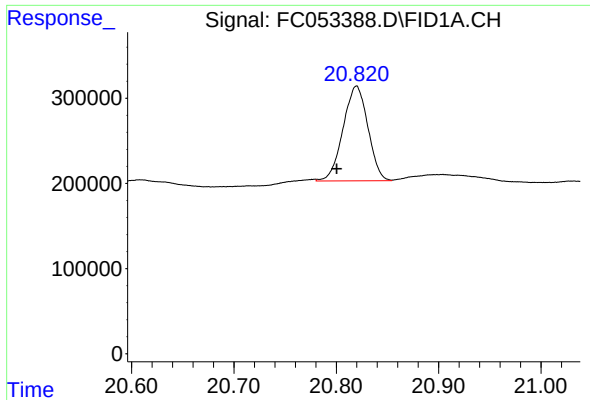
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.015 min
Response: 2190684
Conc: 16.79 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: 0.015 min
Response: 2125683
Conc: 17.56 ug/ml m



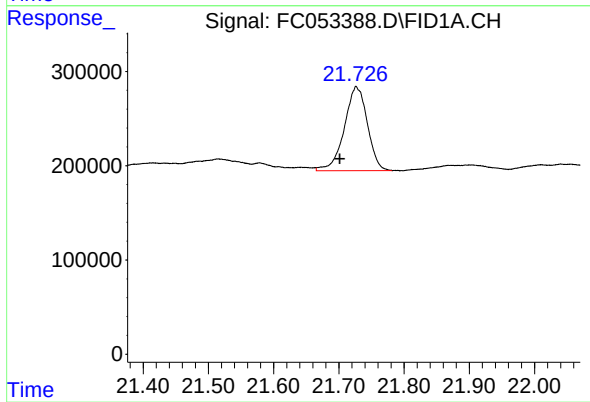
#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: 0.020 min
Response: 1878260
Conc: 17.83 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.726 min
Delta R.T.: 0.024 min
Response: 2186301
Conc: 20.88 ug/ml m