

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012423AL\
 Data File : FE040020.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2023 03:35
 Operator : YP\AJ
 Sample : 01268-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 05:52:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.905	5632229	36.676 ug/ml
Spiked Amount 50.000		Recovery =	73.35%
12) S 1-chlorooctadecane (S...	13.348	43260232	370.704 ug/ml
Spiked Amount 50.000		Recovery =	741.41%
Target Compounds			
6) T n-Tetradecane (C14)	8.537	60665	0.472 ug/ml
7) T n-Hexadecane (C16)	10.144	56185	0.416 ug/ml
8) T n-Octadecane (C18)	11.587	67702	0.483 ug/ml
10) T n-Eicosane (C20)	12.894	48666	0.351 ug/ml
11) T n-Heneicosane (C21)	13.523	297211	2.130 ug/ml
13) T n-Docosane (C22)	14.097	67739	0.488 ug/ml
14) T n-Tetracosane (C24)	15.190	204174	1.483 ug/ml
15) T n-Hexacosane (C26)	16.215	54267	0.407 ug/ml
16) T n-Octacosane (C28)	17.168	26283	0.202 ug/ml
17) T n-Tricontane (C30)	18.052	133891	1.050 ug/ml
18) T n-Dotriacontane (C32)	18.887	185523	1.467 ug/ml
19) T n-Tetratriacontane (C34)	19.669	84087	0.680 ug/ml
20) T n-Hexatriacontane (C36)	20.415	153315	1.300 ug/ml
21) T n-Octatriacontane (C38)	21.146	39260	0.328 ug/ml
22) T n-Tetracontane (C40)	22.079	33907	0.279 ug/ml

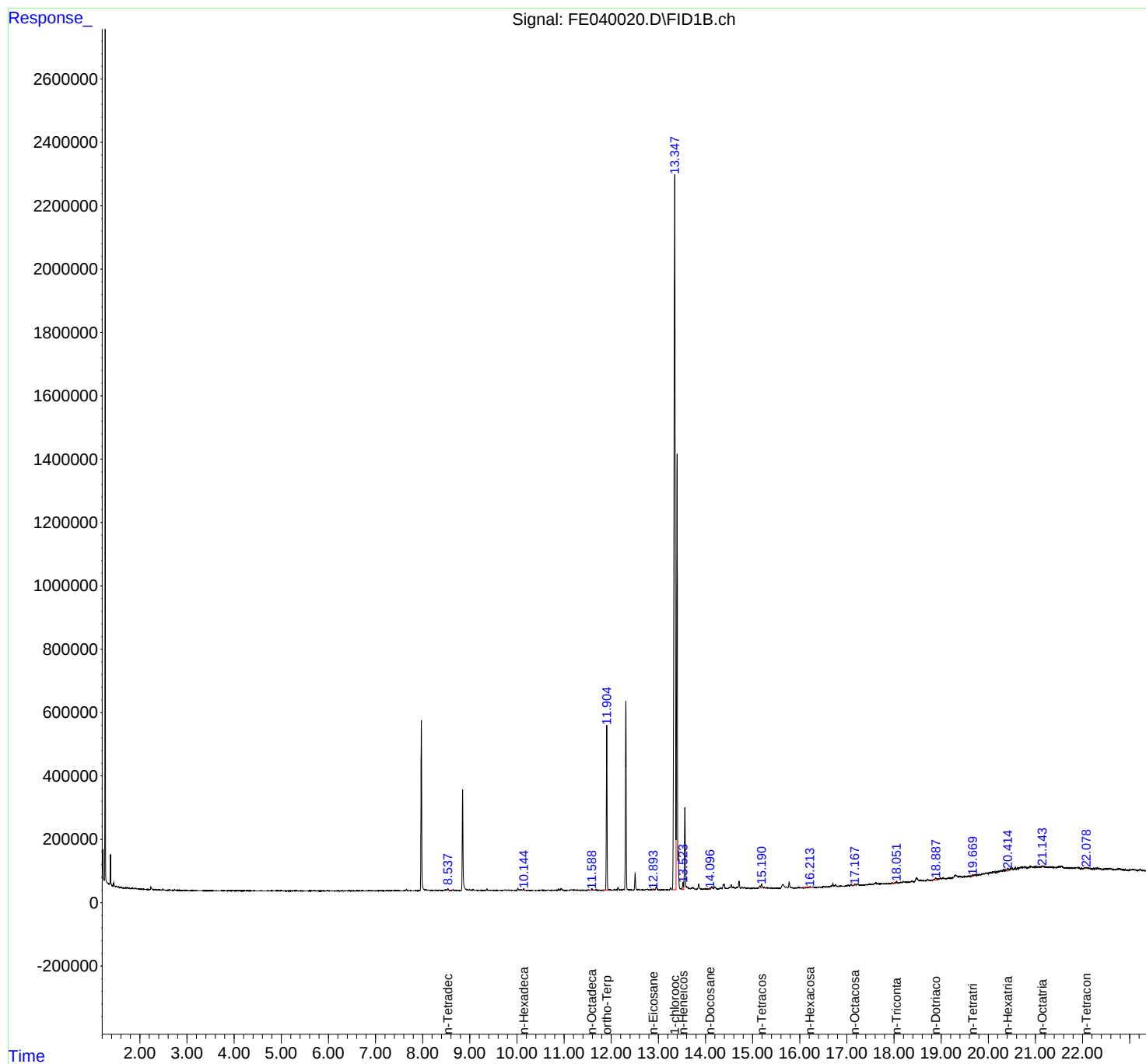
(f)=RT Delta > 1/2 Window

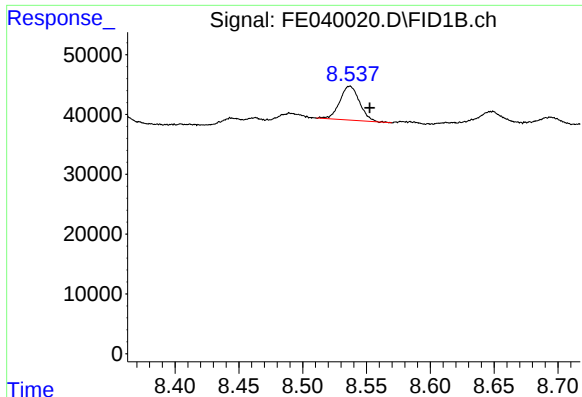
(m)=manual int.

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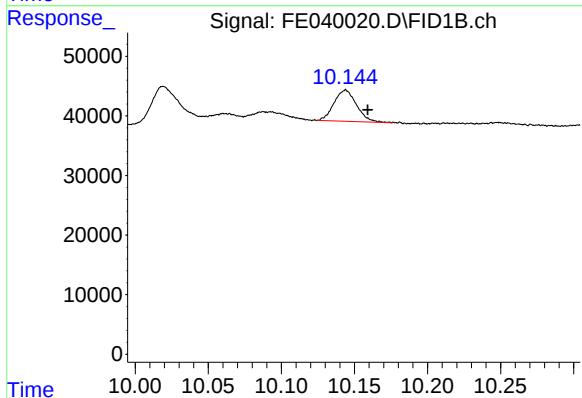
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Signal Info : 20M x 0.18mm x 0.18um





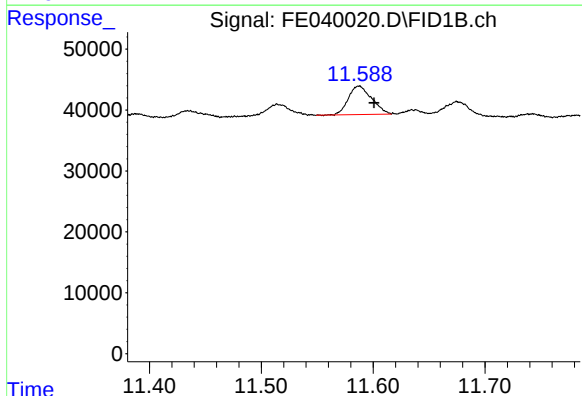
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.015 min
Response: 60665
Conc: 0.47 ug/ml



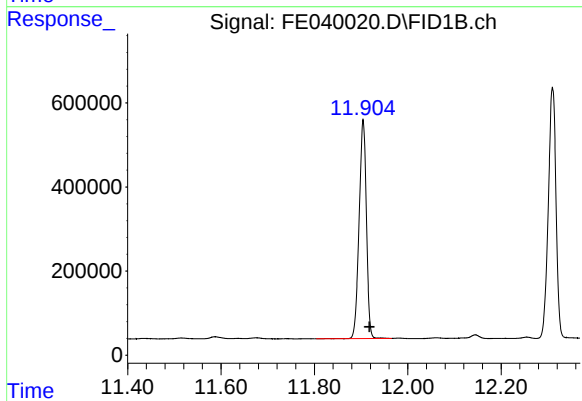
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.015 min
Response: 56185
Conc: 0.42 ug/ml



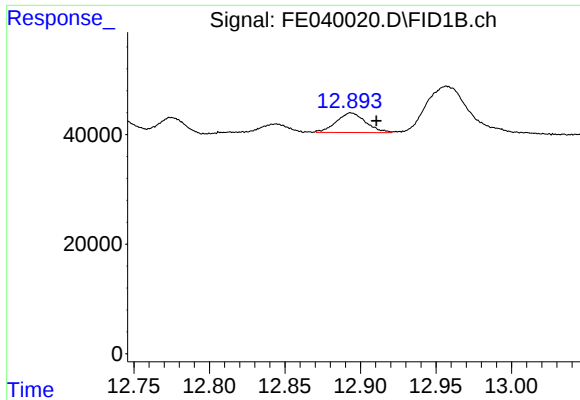
#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.013 min
Response: 67702
Conc: 0.48 ug/ml



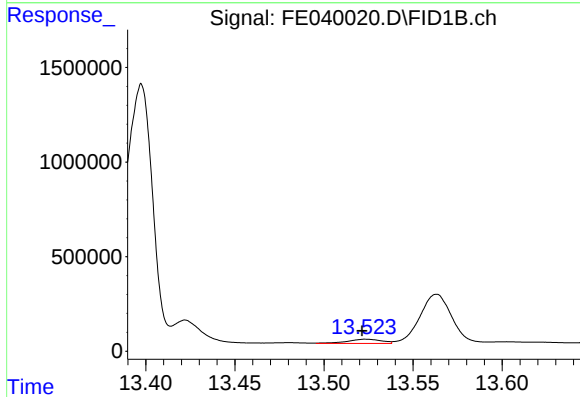
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.013 min
Response: 5632229
Conc: 36.68 ug/ml



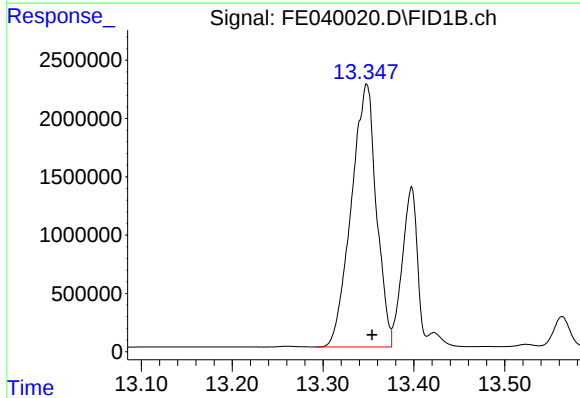
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.017 min
Response: 48666
Conc: 0.35 ug/ml



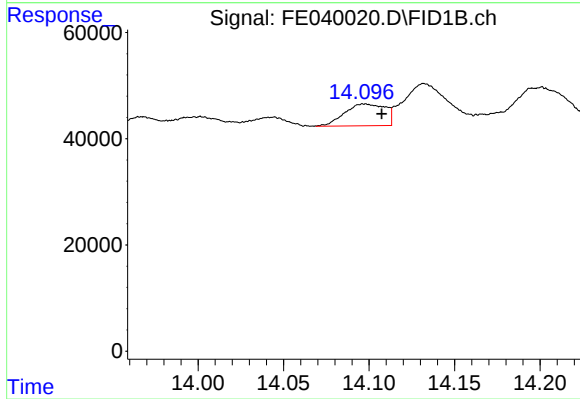
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.002 min
Response: 297211
Conc: 2.13 ug/ml



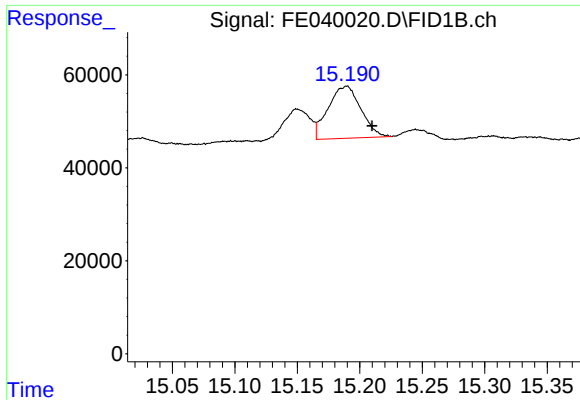
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: -0.006 min
Response: 43260232
Conc: 370.70 ug/ml



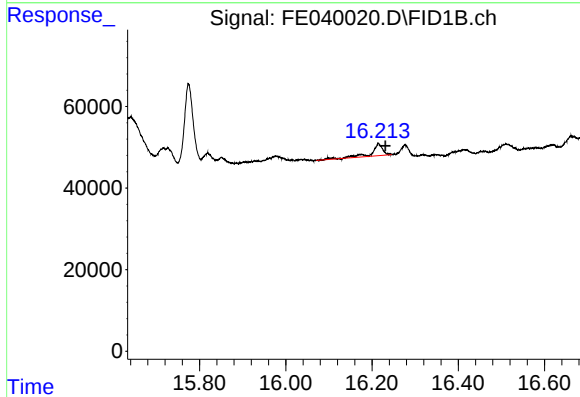
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.010 min
Response: 67739
Conc: 0.49 ug/ml



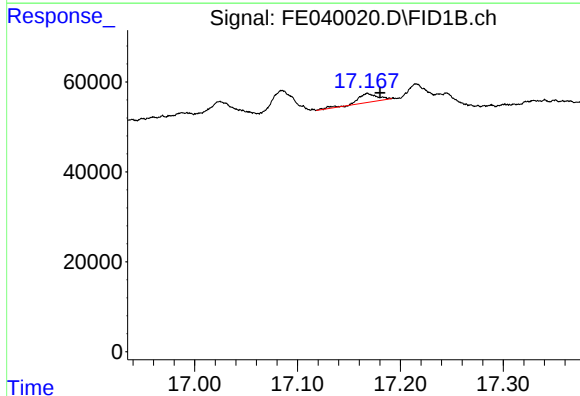
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.020 min
Response: 204174
Conc: 1.48 ug/ml



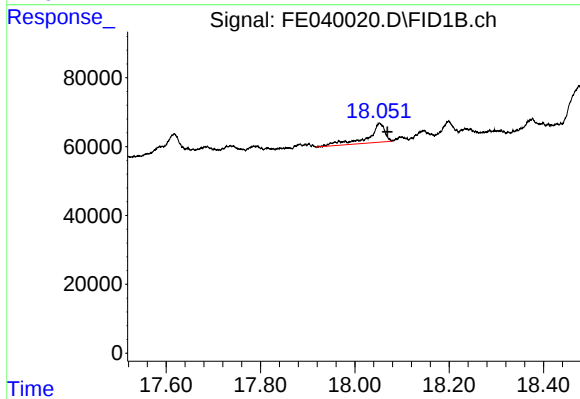
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.017 min
Response: 54267
Conc: 0.41 ug/ml



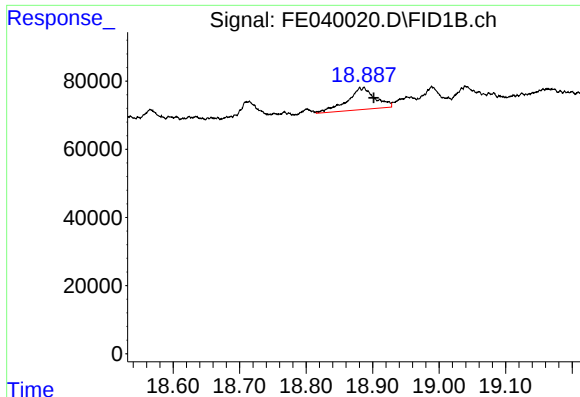
#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.012 min
Response: 26283
Conc: 0.20 ug/ml



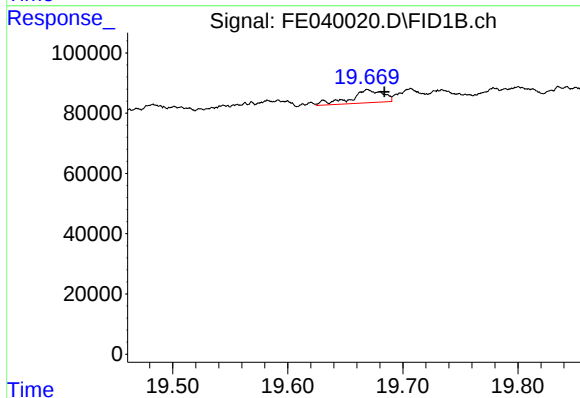
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: -0.016 min
Response: 133891
Conc: 1.05 ug/ml



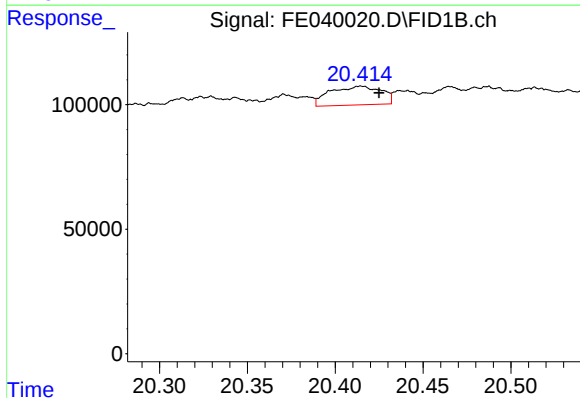
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.015 min
Response: 185523
Conc: 1.47 ug/ml



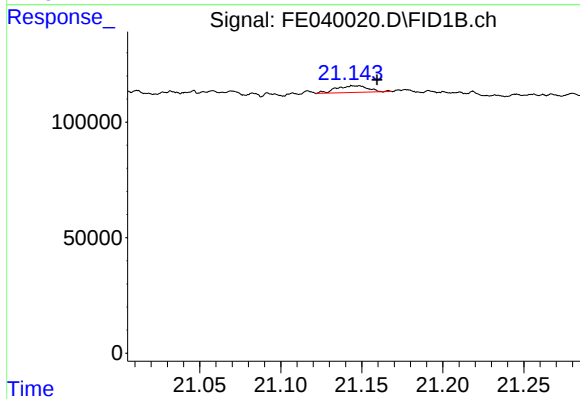
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.014 min
Response: 84087
Conc: 0.68 ug/ml



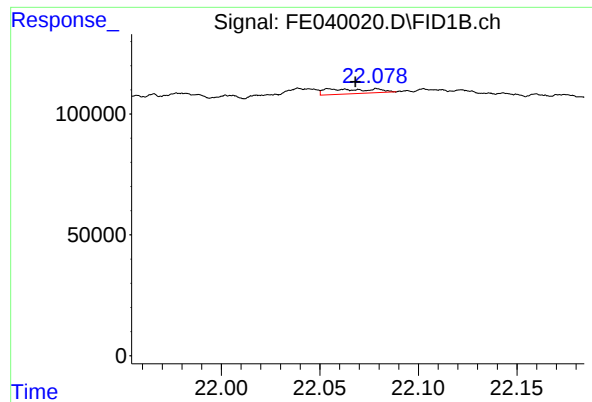
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: -0.010 min
Response: 153315
Conc: 1.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: -0.014 min
Response: 39260
Conc: 0.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: 0.011 min
Response: 33907
Conc: 0.28 ug/ml