

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030824AL\
 Data File : FE047144.D
 Signal(s) : FID1B.ch
 Acq On : 08 Mar 2024 16:24
 Operator : YP\AJ
 Sample : P1701-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 22:05:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.779	5345511	32.535 ug/ml
Spiked Amount 50.000		Recovery =	65.07%
12) S 1-chlorooctadecane (S...	13.220	4519743	36.716 ug/ml
Spiked Amount 50.000		Recovery =	73.43%
Target Compounds			
6) T n-Tetradecane (C14)	8.417	32156	0.209 ug/ml
7) T n-Hexadecane (C16)	10.025	65944	0.416 ug/ml
8) T n-Octadecane (C18)	11.465	74551	0.468 ug/ml
10) T n-Eicosane (C20)	12.775	101511	0.671 ug/ml
11) T n-Heneicosane (C21)	13.386	62170	0.420 ug/ml
13) T n-Docosane (C22)	13.971	69123	0.475 ug/ml
14) T n-Tetracosane (C24)	15.081	56361	0.395 ug/ml
15) T n-Hexacosane (C26)	16.098	47440	0.339 ug/ml
16) T n-Octacosane (C28)	17.053	65501	0.481 ug/ml
17) T n-Tricontane (C30)	17.927	71140	0.510 ug/ml
18) T n-Dotriacontane (C32)	18.760	86571	0.629 ug/ml
19) T n-Tetratriacontane (C34)	19.558	115655	0.861 ug/ml
20) T n-Hexatriacontane (C36)	20.358f	93538	0.702 ug/ml
21) T n-Octatriacontane (C38)	21.010	24511	0.178 ug/ml
22) T n-Tetracontane (C40)	21.877	43878	0.311 ug/ml

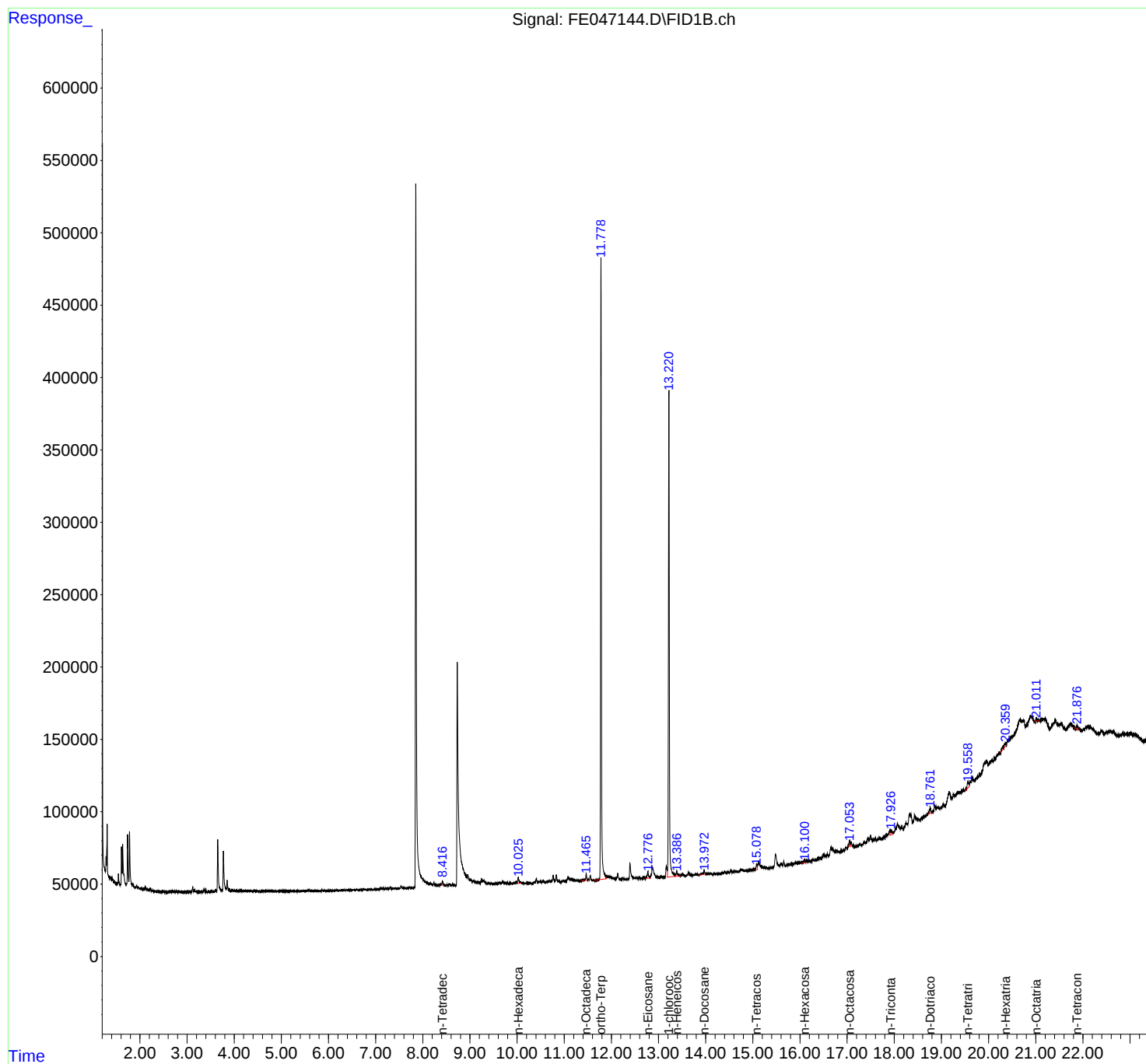
(f)=RT Delta > 1/2 Window

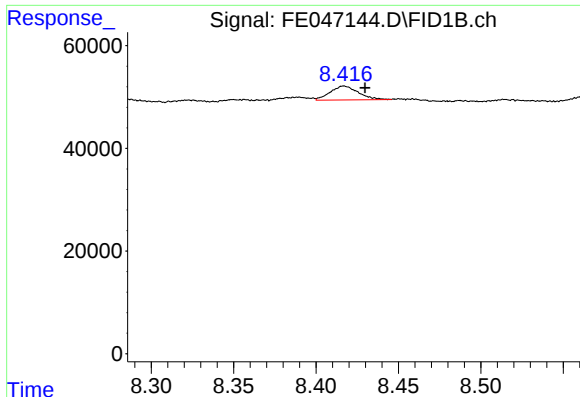
(m)=manual int.

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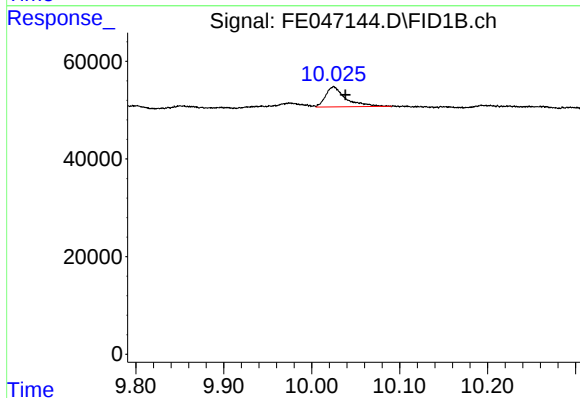
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





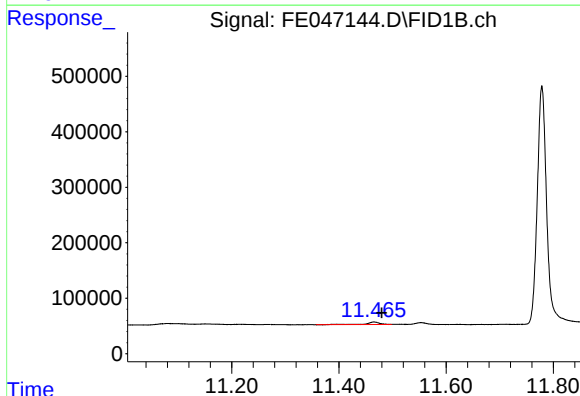
#6 n-Tetradecane (C14)

R.T.: 8.417 min
Delta R.T.: -0.013 min
Response: 32156
Conc: 0.21 ug/ml



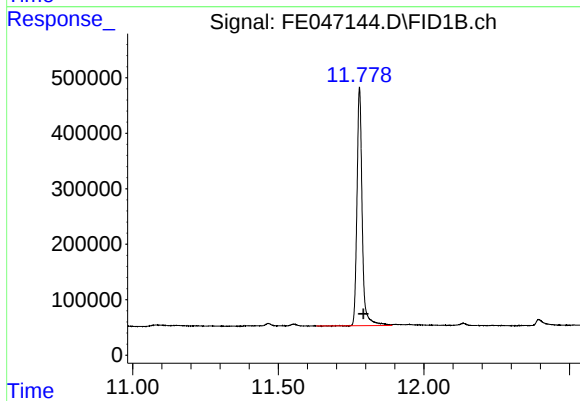
#7 n-Hexadecane (C16)

R.T.: 10.025 min
Delta R.T.: -0.013 min
Response: 65944
Conc: 0.42 ug/ml



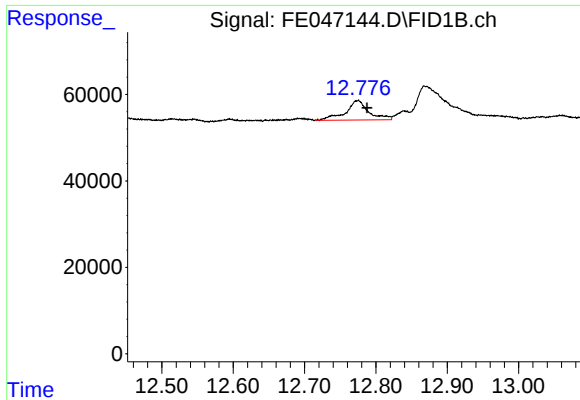
#8 n-Octadecane (C18)

R.T.: 11.465 min
Delta R.T.: -0.015 min
Response: 74551
Conc: 0.47 ug/ml



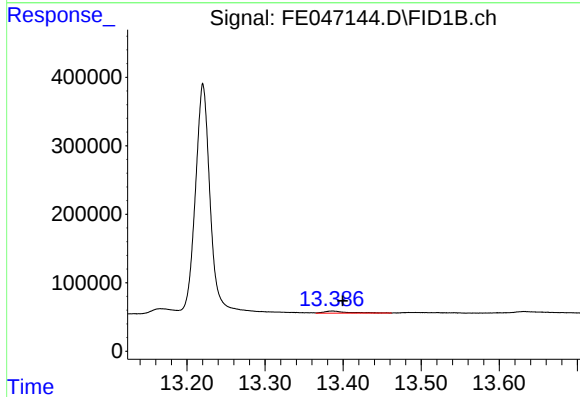
#9 ortho-Terphenyl (SURR)

R.T.: 11.779 min
Delta R.T.: -0.013 min
Response: 5345511
Conc: 32.54 ug/ml



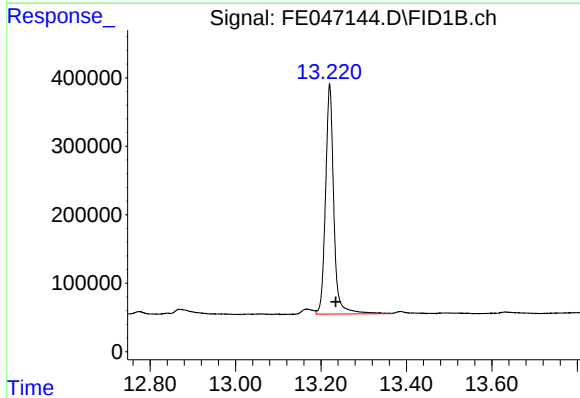
#10 n-Eicosane (C20)

R.T.: 12.775 min
Delta R.T.: -0.013 min
Response: 101511
Conc: 0.67 ug/ml



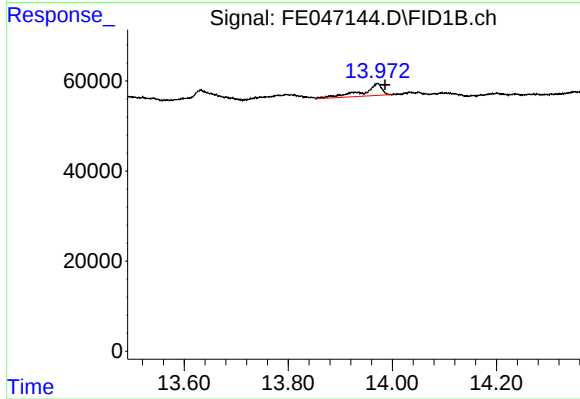
#11 n-Heneicosane (C21)

R.T.: 13.386 min
Delta R.T.: -0.013 min
Response: 62170
Conc: 0.42 ug/ml



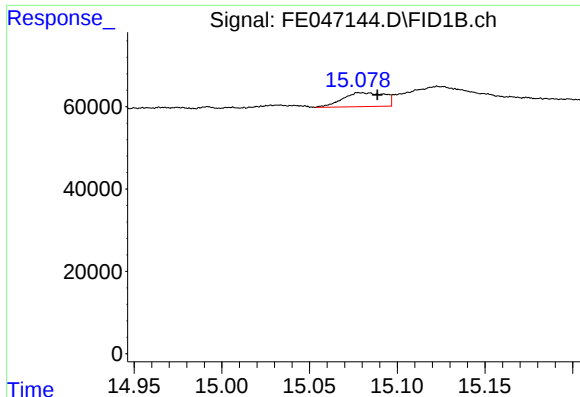
#12 1-chlorooctadecane (SURR)

R.T.: 13.220 min
Delta R.T.: -0.014 min
Response: 4519743
Conc: 36.72 ug/ml



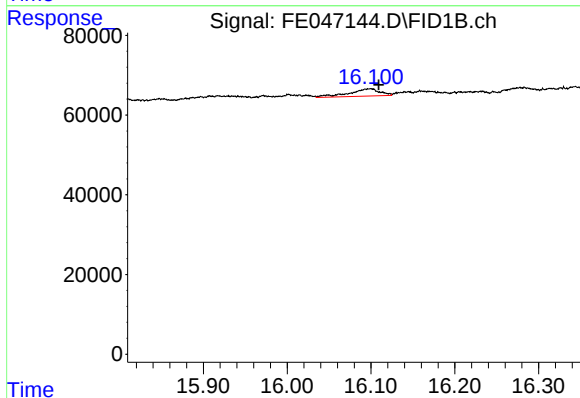
#13 n-Docosane (C22)

R.T.: 13.971 min
Delta R.T.: -0.015 min
Response: 69123
Conc: 0.48 ug/ml



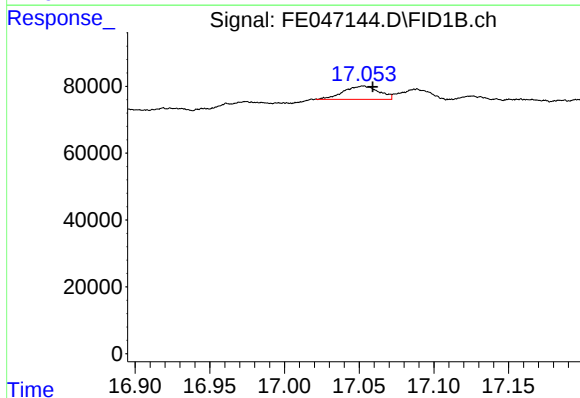
#14 n-Tetracosane (C24)

R.T.: 15.081 min
Delta R.T.: -0.008 min
Response: 56361
Conc: 0.39 ug/ml



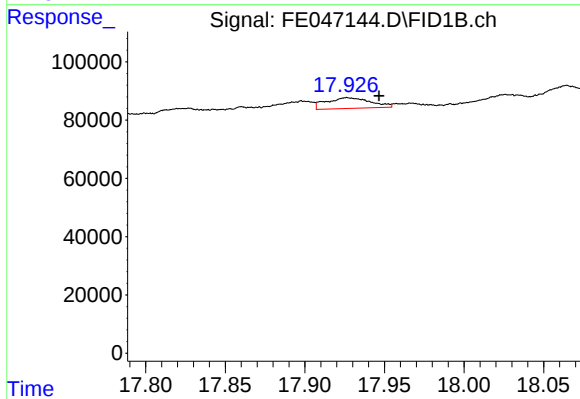
#15 n-Hexacosane (C26)

R.T.: 16.098 min
Delta R.T.: -0.011 min
Response: 47440
Conc: 0.34 ug/ml



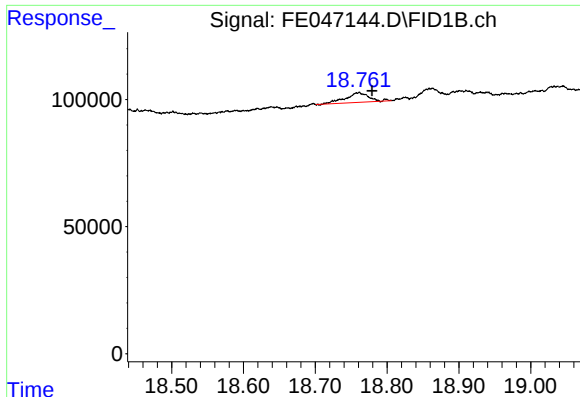
#16 n-Octacosane (C28)

R.T.: 17.053 min
Delta R.T.: -0.007 min
Response: 65501
Conc: 0.48 ug/ml



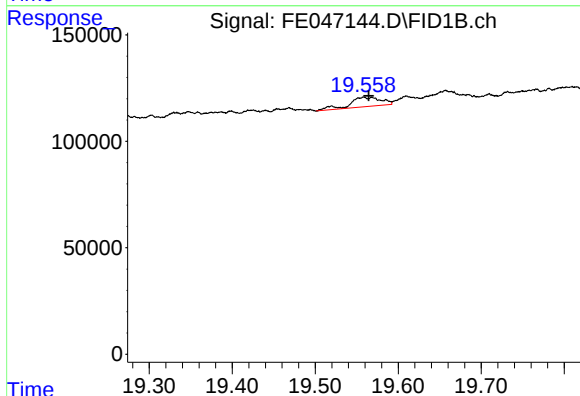
#17 n-Tricontane (C30)

R.T.: 17.927 min
Delta R.T.: -0.019 min
Response: 71140
Conc: 0.51 ug/ml



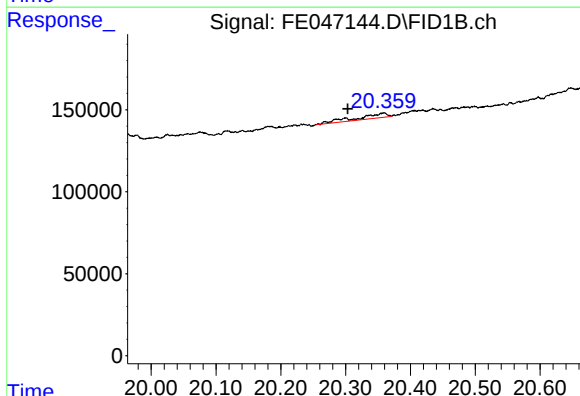
#18 n-Dotriacontane (C32)

R.T.: 18.760 min
Delta R.T.: -0.019 min
Response: 86571
Conc: 0.63 ug/ml



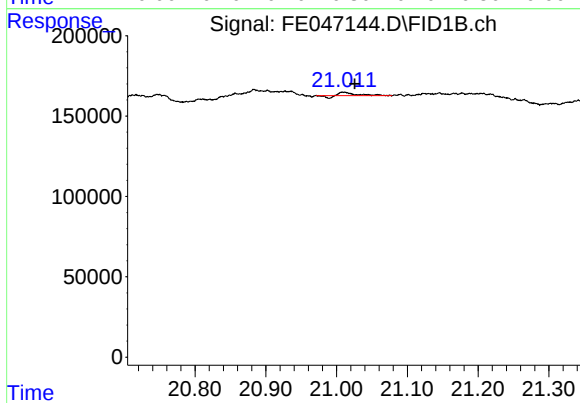
#19 n-Tetratriacontane (C34)

R.T.: 19.558 min
Delta R.T.: -0.007 min
Response: 115655
Conc: 0.86 ug/ml



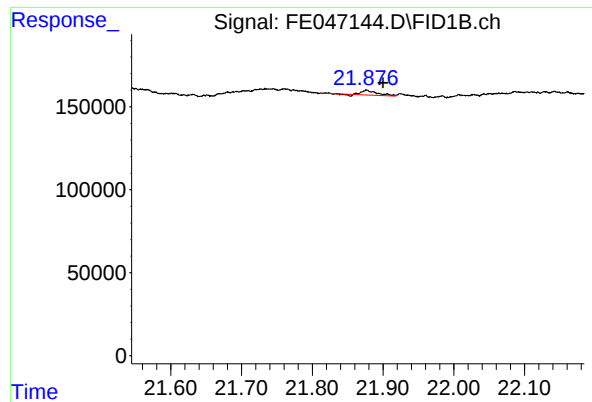
#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: 0.055 min
Response: 93538
Conc: 0.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: -0.016 min
Response: 24511
Conc: 0.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.023 min
Response: 43878
Conc: 0.31 ug/ml