

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041056.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 20:31
 Operator : YP\AJ
 Sample : 02106-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 29 01:32:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.865	36422397	193.798 ug/ml
Spiked Amount 50.000		Recovery =	387.60%
12) S 1-chlorooctadecane (S...	13.310	22427312	155.875 ug/ml
Spiked Amount 50.000		Recovery =	311.75%
Target Compounds			
4) T n-Dodecane (C12)	6.743f	36108	0.208 ug/ml
6) T n-Tetradecane (C14)	8.490	167676	0.962 ug/ml
7) T n-Hexadecane (C16)	10.100	1990923	11.194 ug/ml
8) T n-Octadecane (C18)	11.547	7901433	44.253 ug/ml
10) T n-Eicosane (C20)	12.879	15955624	93.541 ug/ml
11) T n-Heneicosane (C21)	13.481	11264373	66.580 ug/ml
13) T n-Docosane (C22)	14.058	19630202	118.622 ug/ml
14) T n-Tetracosane (C24)	15.151	4865190	30.072 ug/ml
15) T n-Hexacosane (C26)	16.191	2104028	13.573 ug/ml
16) T n-Octacosane (C28)	17.144	1641620	10.717 ug/ml
17) T n-Tricontane (C30)	18.007	31692	0.207 ug/ml
18) T n-Dotriacontane (C32)	18.834	148617	0.952 ug/ml
19) T n-Tetratriacontane (C34)	19.628	30862	0.199 ug/ml
20) T n-Hexatriacontane (C36)	20.373	35854	0.236 ug/ml

(f)=RT Delta > 1/2 Window

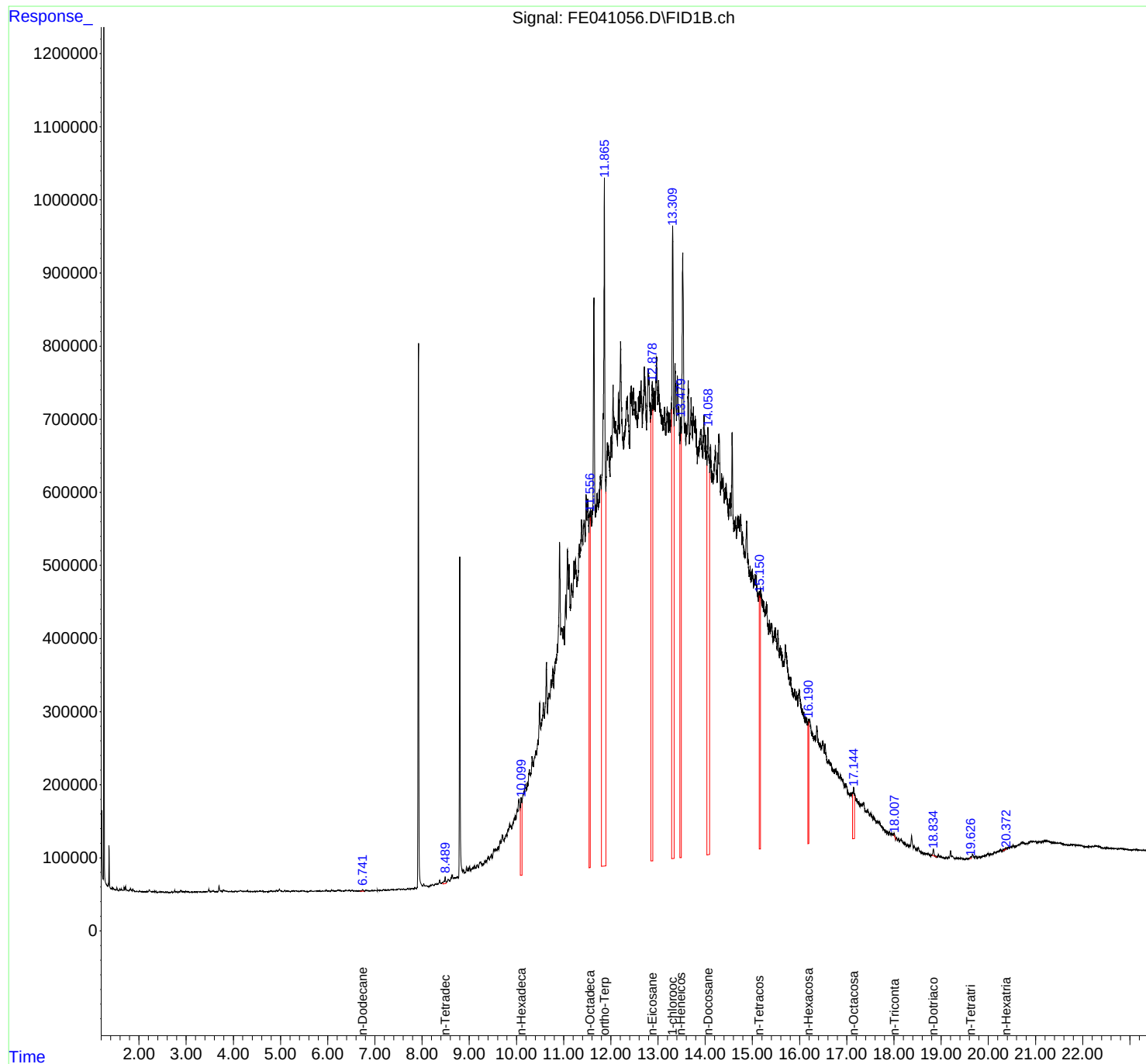
(m)=manual int.

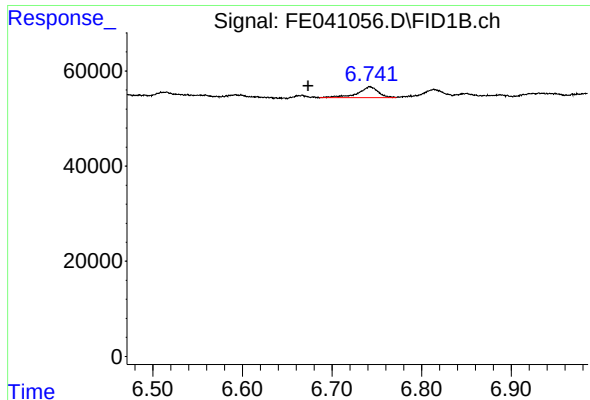
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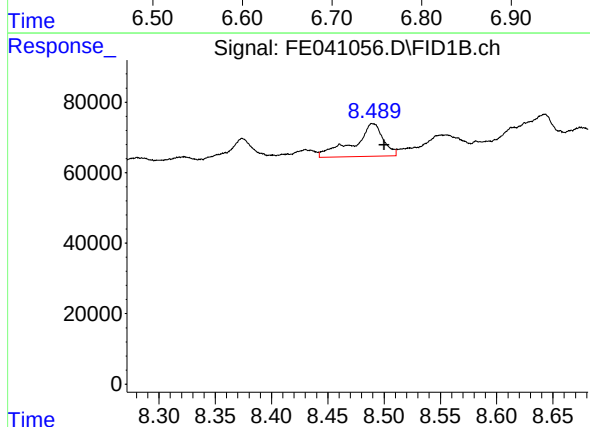




#4 n-Dodecane (C12)

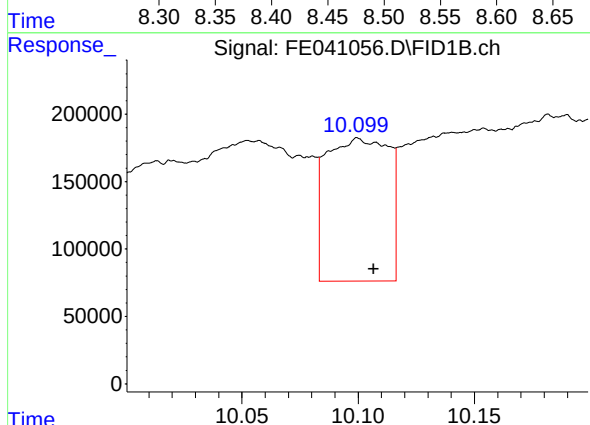
R.T.: 6.743 min
Delta R.T.: 0.069 min
Response: 36108
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



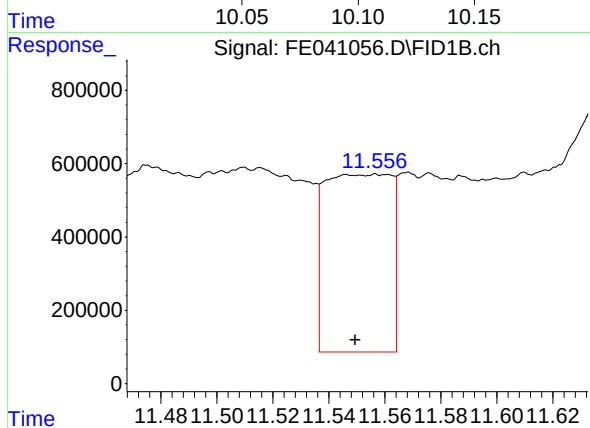
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.010 min
Response: 167676
Conc: 0.96 ug/ml



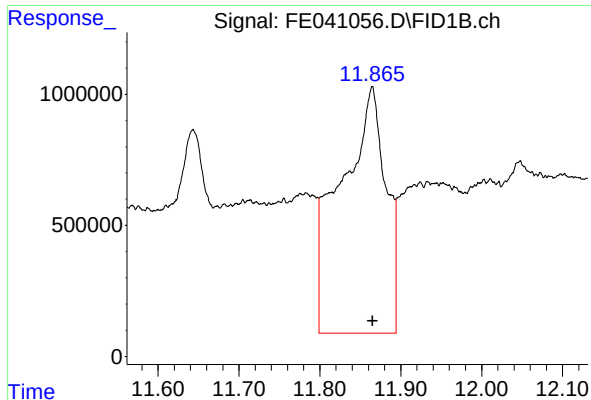
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.007 min
Response: 1990923
Conc: 11.19 ug/ml



#8 n-Octadecane (C18)

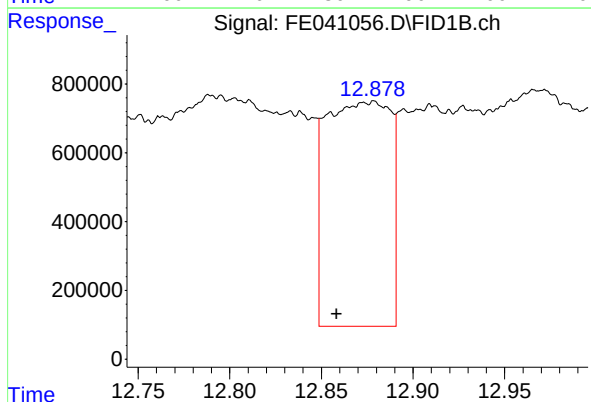
R.T.: 11.547 min
Delta R.T.: -0.003 min
Response: 7901433
Conc: 44.25 ug/ml



#9 ortho-Terphenyl (SURR)

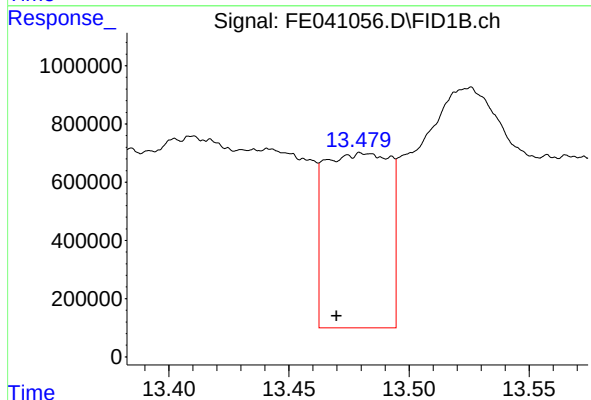
R.T.: 11.865 min
Delta R.T.: 0.000 min
Response: 36422397
Conc: 193.80 ug/ml

Instrument :
FID_E
ClientSampleId :



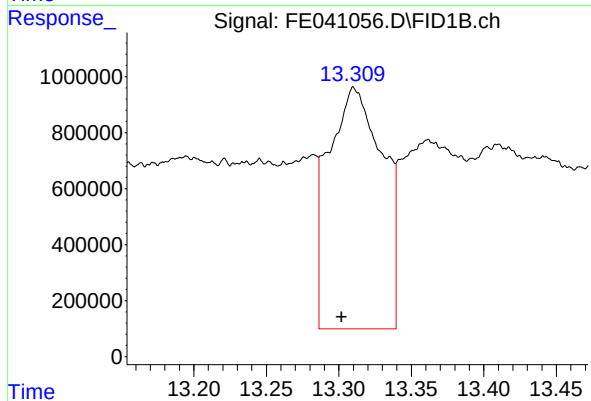
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.020 min
Response: 15955624
Conc: 93.54 ug/ml



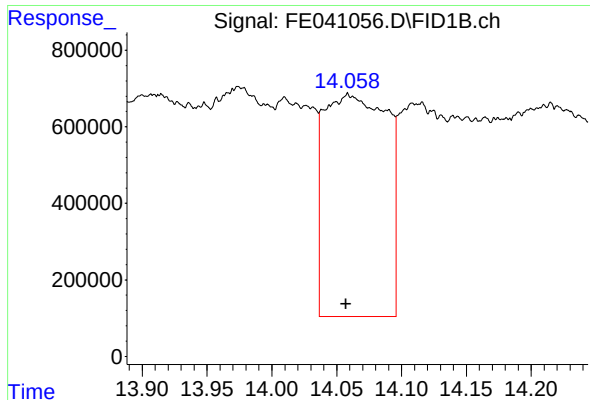
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.011 min
Response: 11264373
Conc: 66.58 ug/ml



#12 1-chlorooctadecane (SURR)

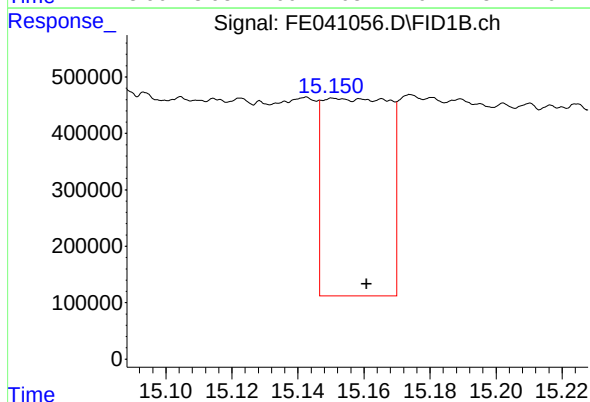
R.T.: 13.310 min
Delta R.T.: 0.008 min
Response: 22427312
Conc: 155.88 ug/ml



#13 n-Docosane (C22)

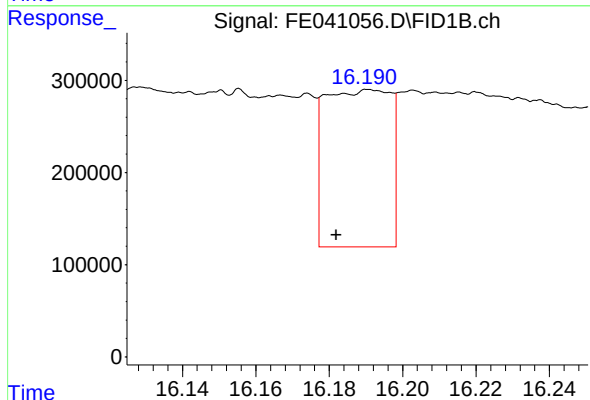
R.T.: 14.058 min
Delta R.T.: 0.001 min
Response: 19630202
Conc: 118.62 ug/ml

Instrument :
FID_E
ClientSampleId :



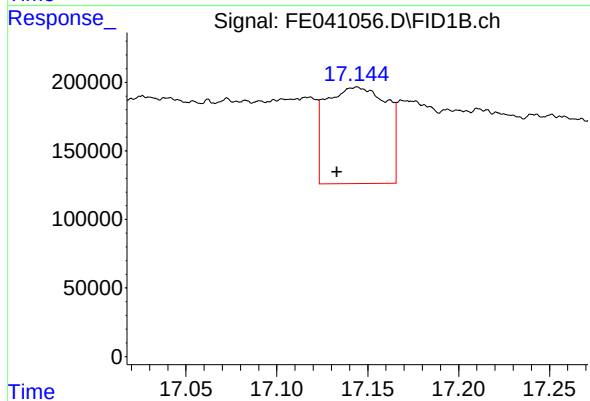
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: -0.009 min
Response: 4865190
Conc: 30.07 ug/ml



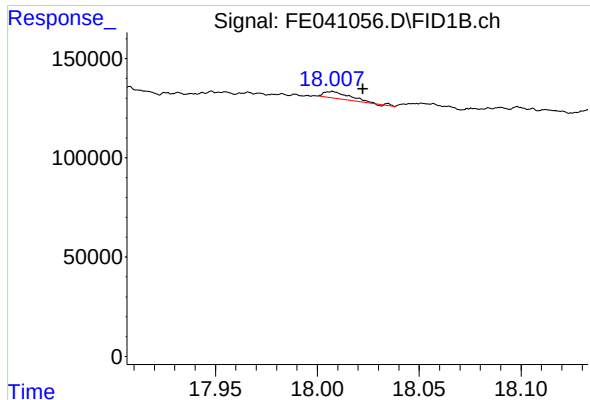
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.009 min
Response: 2104028
Conc: 13.57 ug/ml



#16 n-Octacosane (C28)

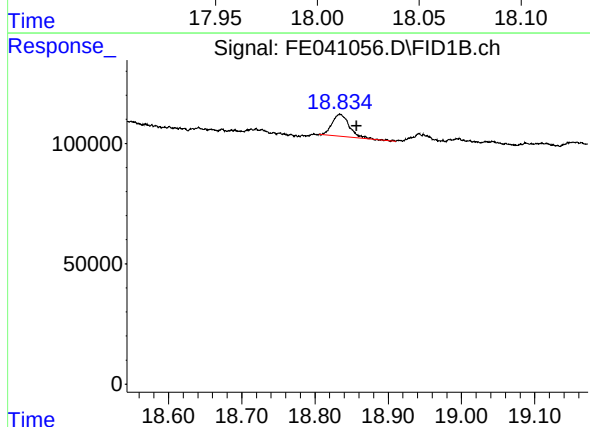
R.T.: 17.144 min
Delta R.T.: 0.011 min
Response: 1641620
Conc: 10.72 ug/ml



#17 n-Tricontane (C30)

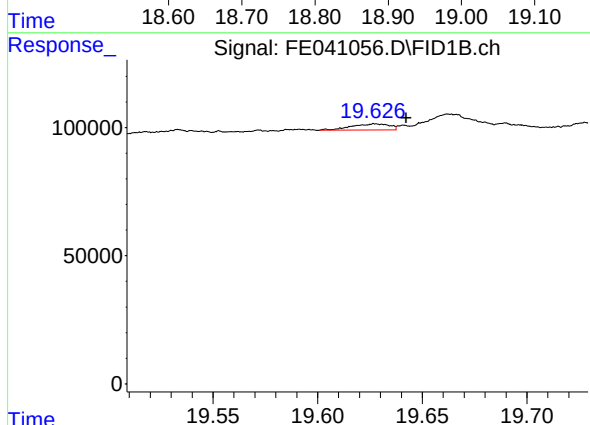
R.T.: 18.007 min
Delta R.T.: -0.015 min
Response: 31692
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



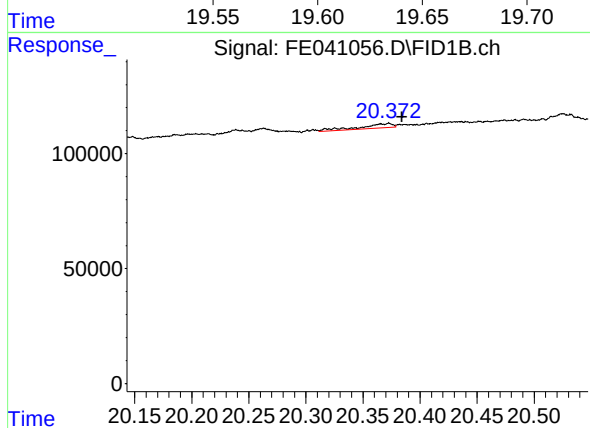
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.023 min
Response: 148617
Conc: 0.95 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.015 min
Response: 30862
Conc: 0.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.011 min
Response: 35854
Conc: 0.24 ug/ml