

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062224AL\
 Data File : FE048830.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2024 15:28
 Operator : YP\AJ
 Sample : P2995-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 00:41:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.932	5363134	32.074 ug/ml
Spiked Amount 50.000		Recovery =	64.15%
12) S 1-chlorooctadecane (S...	13.359	11896857	92.518 ug/ml
Spiked Amount 50.000		Recovery =	185.04%
Target Compounds			
6) T n-Tetradecane (C14)	8.561	361118	2.356 ug/ml
7) T n-Hexadecane (C16)	10.167	485501	3.105 ug/ml
8) T n-Octadecane (C18)	11.610	608584	3.816 ug/ml
10) T n-Eicosane (C20)	12.919	499945	3.225 ug/ml
11) T n-Heneicosane (C21)	13.536	611310	4.015 ug/ml
13) T n-Docosane (C22)	14.116	275004	1.818 ug/ml
14) T n-Tetracosane (C24)	15.216	210053	1.398 ug/ml
15) T n-Hexacosane (C26)	16.239	111722	0.757 ug/ml
16) T n-Octacosane (C28)	17.186	148047	1.027 ug/ml
17) T n-Tricontane (C30)	18.076	199738	1.365 ug/ml
18) T n-Dotriacontane (C32)	18.904	251873	1.762 ug/ml
19) T n-Tetratriacontane (C34)	19.687	154817	1.119 ug/ml
20) T n-Hexatriacontane (C36)	20.430	91817	0.706 ug/ml
21) T n-Octatriacontane (C38)	21.163	117811	0.919 ug/ml
22) T n-Tetracontane (C40)	22.071	161295	1.317 ug/ml

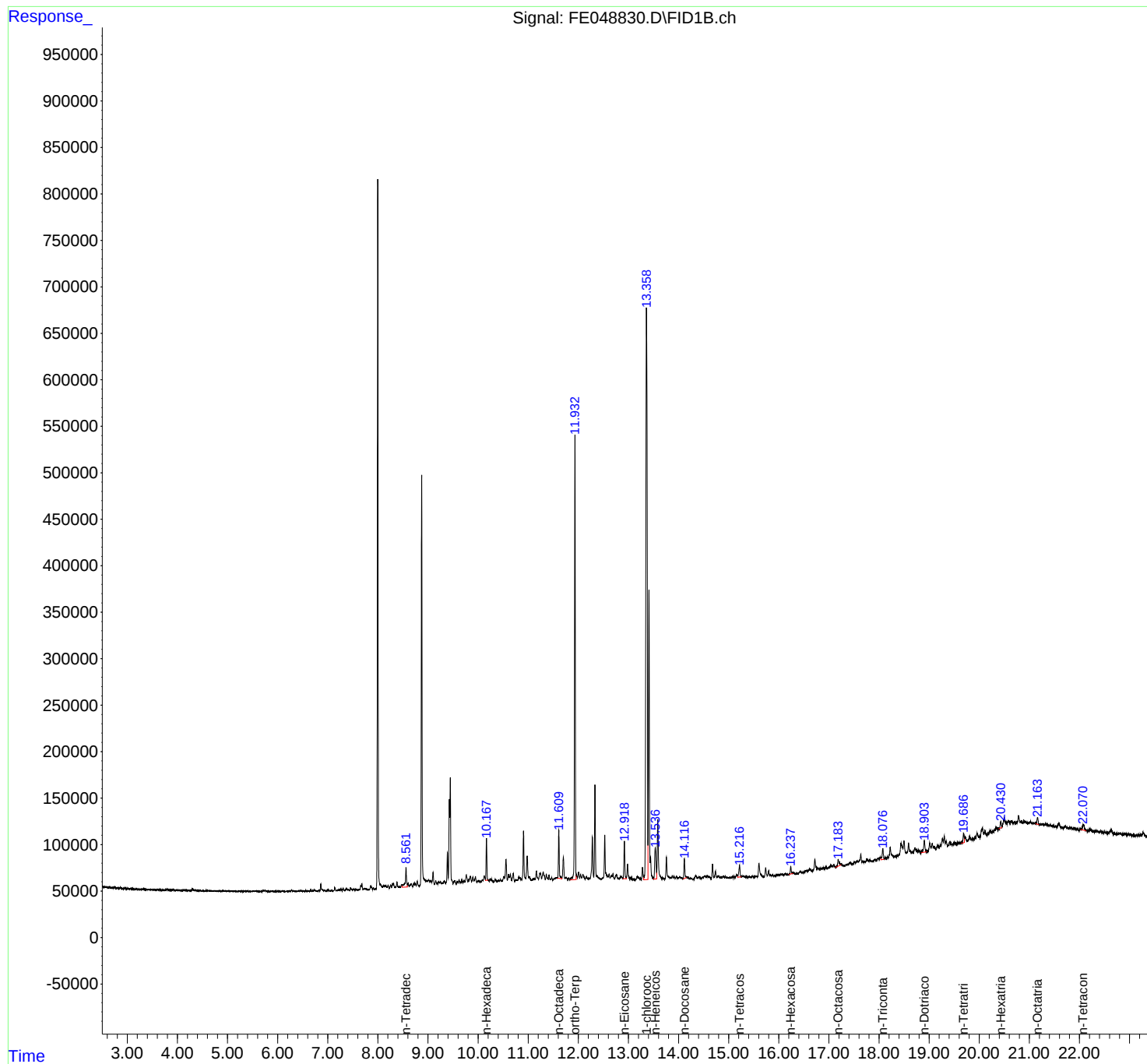
(f)=RT Delta > 1/2 Window

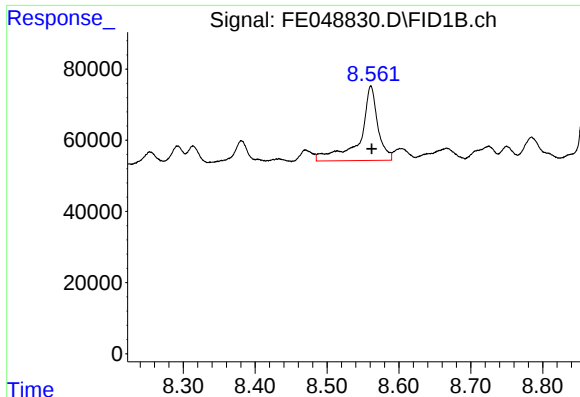
(m)=manual int.

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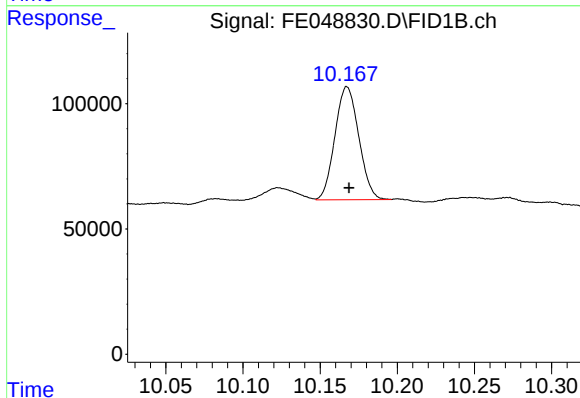
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





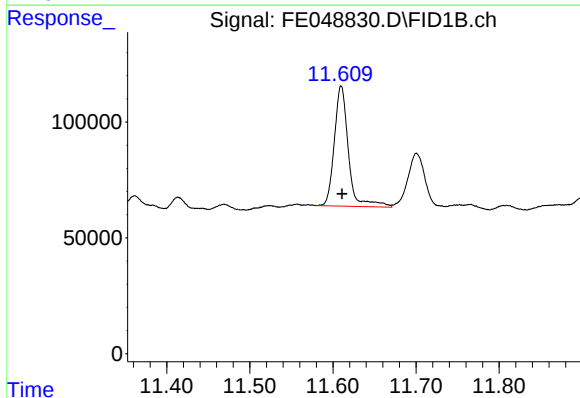
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 361118
Conc: 2.36 ug/ml



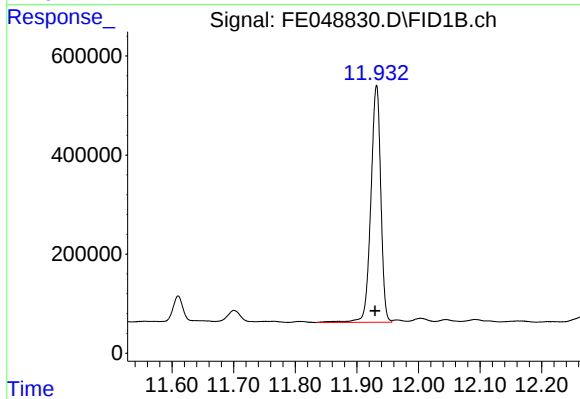
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.001 min
Response: 485501
Conc: 3.11 ug/ml



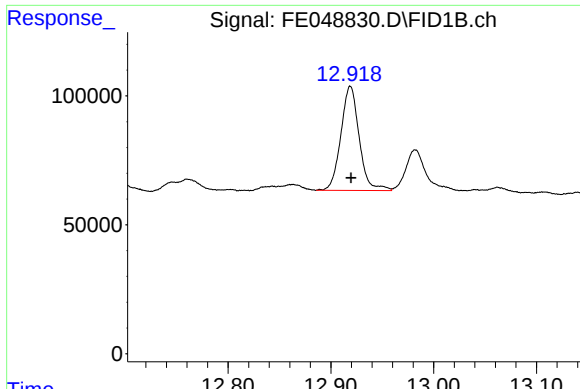
#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.001 min
Response: 608584
Conc: 3.82 ug/ml



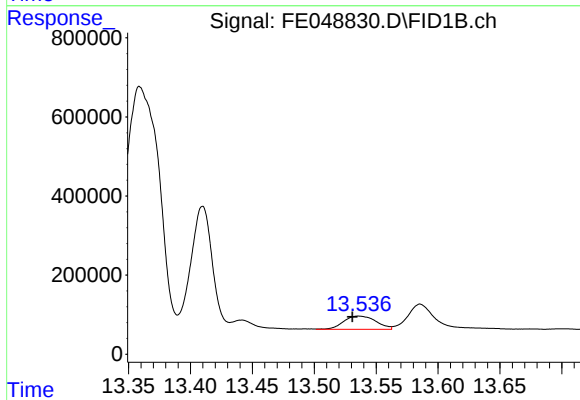
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.002 min
Response: 5363134
Conc: 32.07 ug/ml



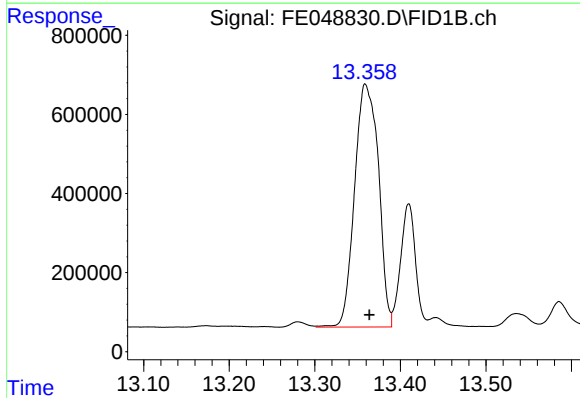
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 499945
Conc: 3.22 ug/ml



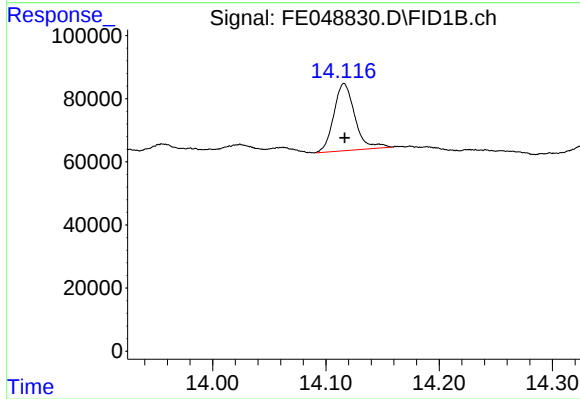
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.005 min
Response: 611310
Conc: 4.01 ug/ml



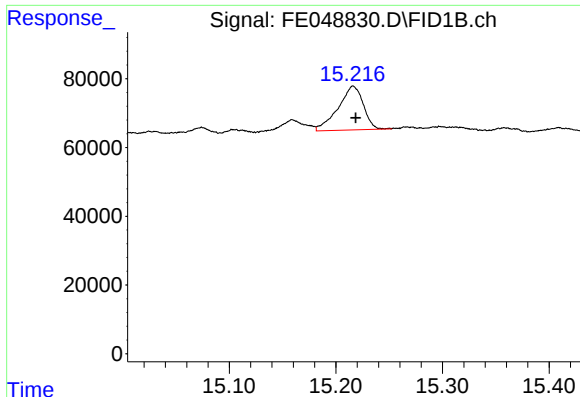
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.005 min
Response: 11896857
Conc: 92.52 ug/ml



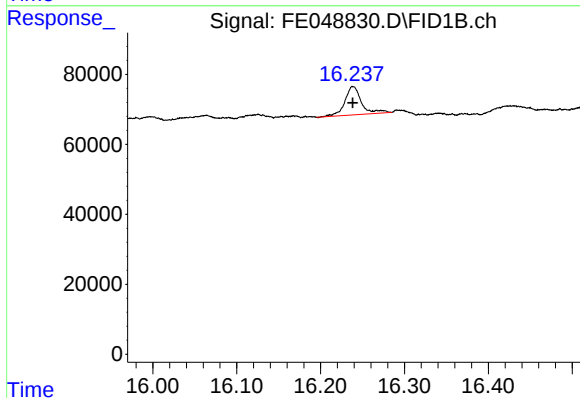
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: 0.000 min
Response: 275004
Conc: 1.82 ug/ml



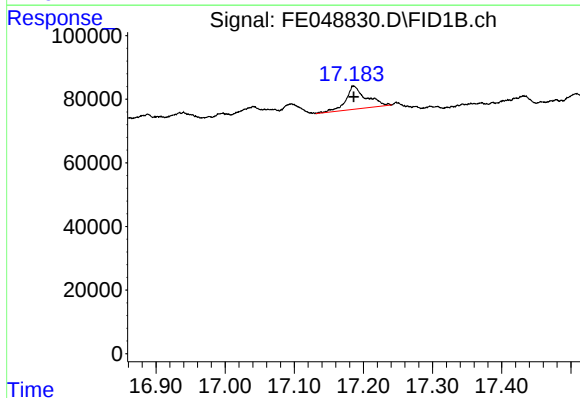
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.002 min
Response: 210053
Conc: 1.40 ug/ml



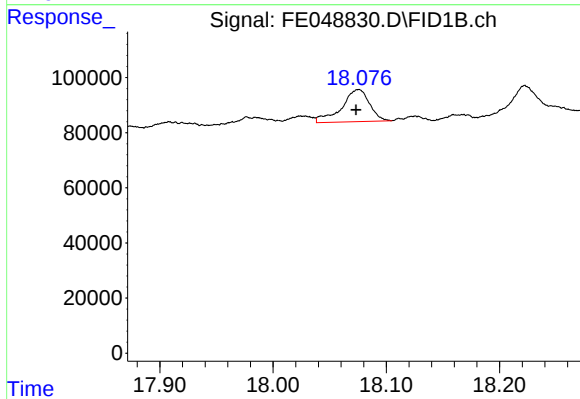
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 111722
Conc: 0.76 ug/ml



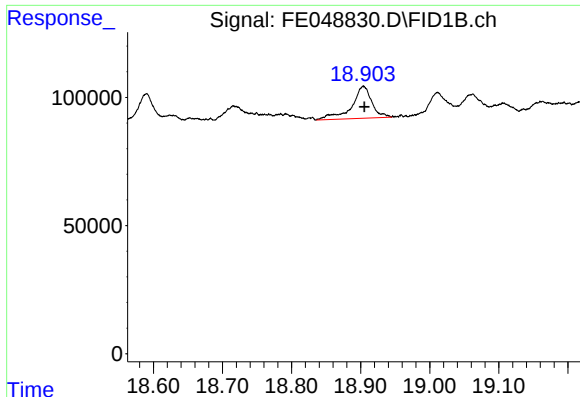
#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: 0.000 min
Response: 148047
Conc: 1.03 ug/ml



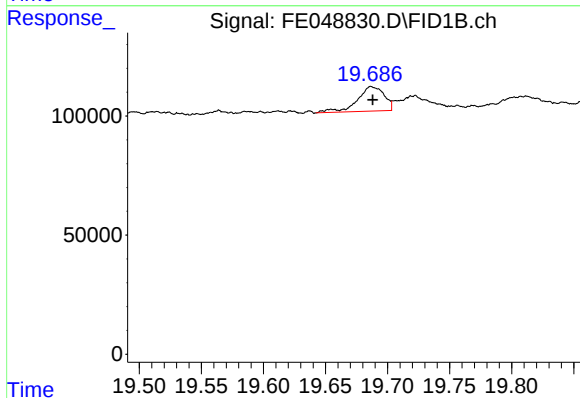
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: 0.002 min
Response: 199738
Conc: 1.37 ug/ml



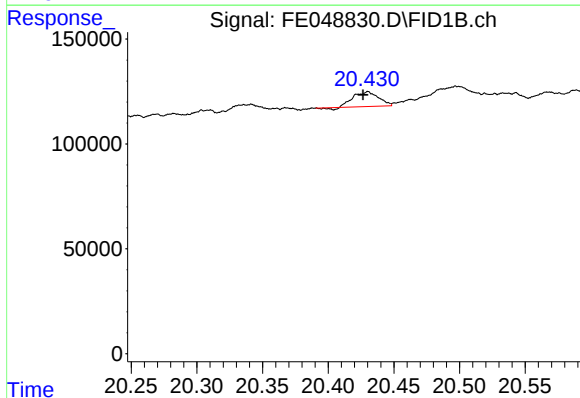
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.001 min
Response: 251873
Conc: 1.76 ug/ml



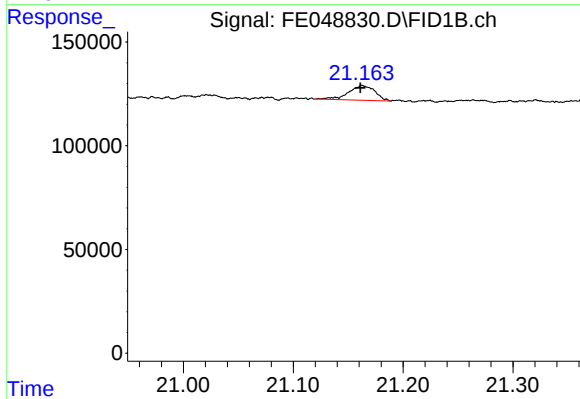
#19 n-Tetatriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.001 min
Response: 154817
Conc: 1.12 ug/ml



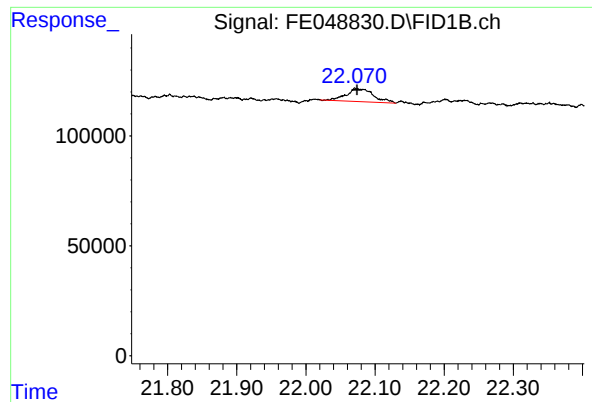
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.004 min
Response: 91817
Conc: 0.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: 0.002 min
Response: 117811
Conc: 0.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.003 min
Response: 161295
Conc: 1.32 ug/ml