

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
 Data File : FE043604.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2023 18:48
 Operator : YP\AJ
 Sample : 03788-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 29 04:25:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.896	18977736	105.982 ug/ml
Spiked Amount 50.000		Recovery =	211.96%
12) S 1-chlorooctadecane (S...	13.333	10884442	82.838 ug/ml
Spiked Amount 50.000		Recovery =	165.68%
Target Compounds			
6) T n-Tetradecane (C14)	8.516	68794	0.435 ug/ml
7) T n-Hexadecane (C16)	10.128	1562943	9.658 ug/ml
8) T n-Octadecane (C18)	11.596	3971819	24.364 ug/ml
10) T n-Eicosane (C20)	12.886	8355592	53.779 ug/ml
11) T n-Heneicosane (C21)	13.499	2890301	19.078 ug/ml
13) T n-Docosane (C22)	14.120	1085352	7.262 ug/ml
14) T n-Tetracosane (C24)	15.172	1922179	13.088 ug/ml
15) T n-Hexacosane (C26)	16.196	157099	1.103 ug/ml
16) T n-Octacosane (C28)	17.171	415127	2.950 ug/ml
17) T n-Tricontane (C30)	18.034	549173	3.728 ug/ml
18) T n-Dotriacontane (C32)	18.867	665621	4.492 ug/ml
19) T n-Tetratriacontane (C34)	19.684	795635	5.513 ug/ml
20) T n-Hexatriacontane (C36)	20.392	101166	0.688 ug/ml
21) T n-Octatriacontane (C38)	21.126	182747	1.281 ug/ml

(f)=RT Delta > 1/2 Window

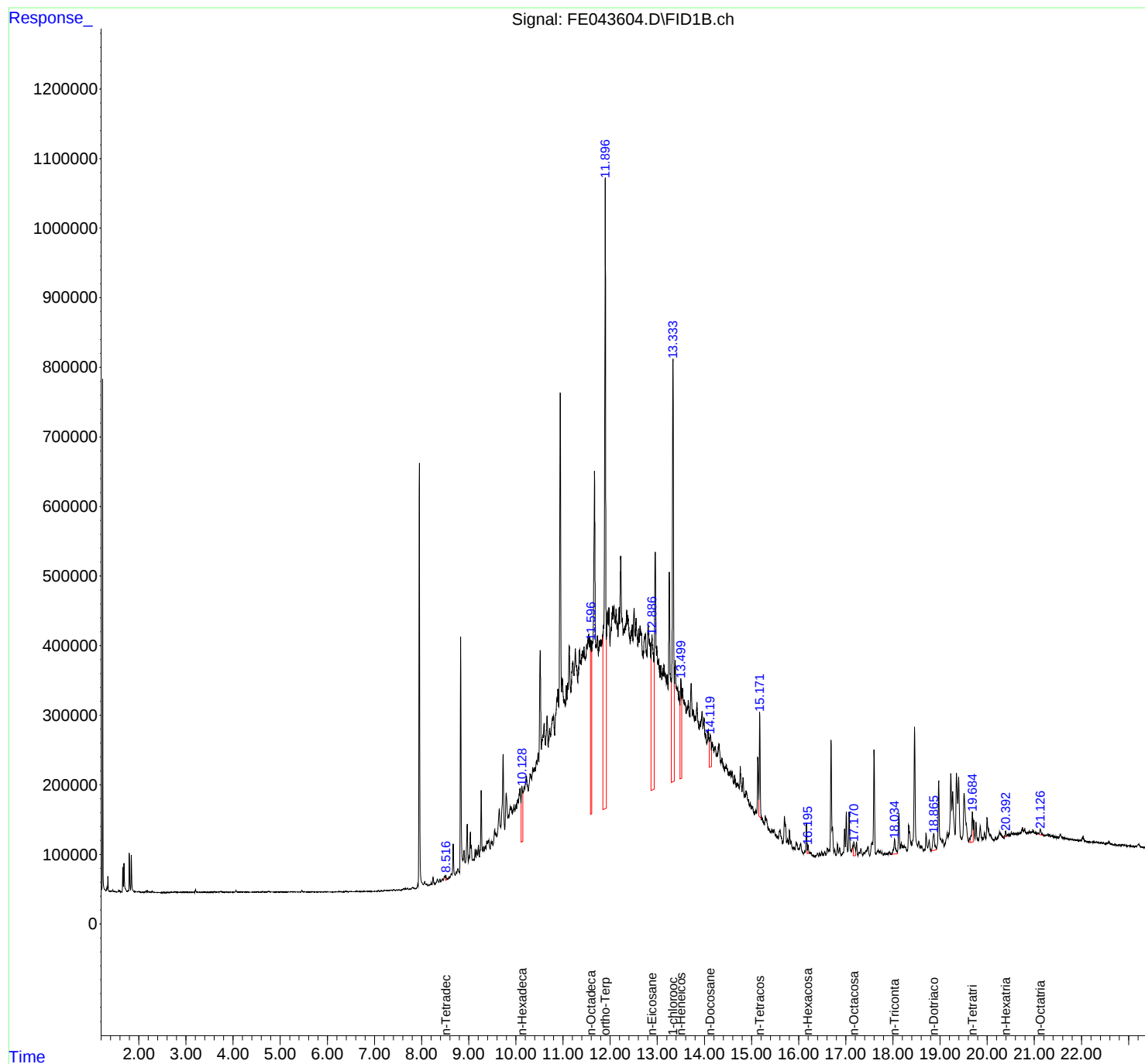
(m)=manual int.

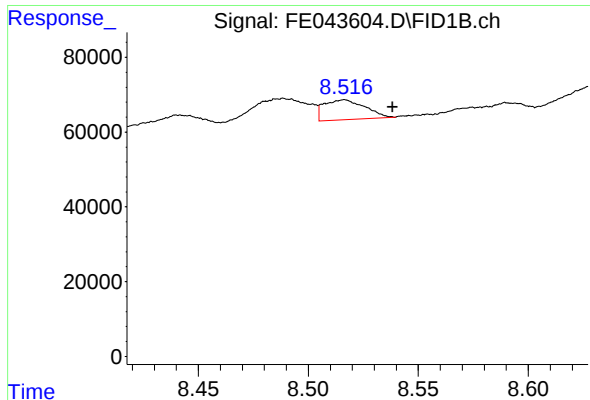
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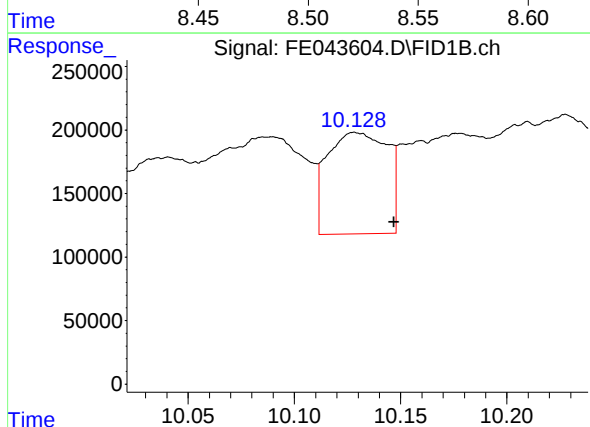




#6 n-Tetradecane (C14)

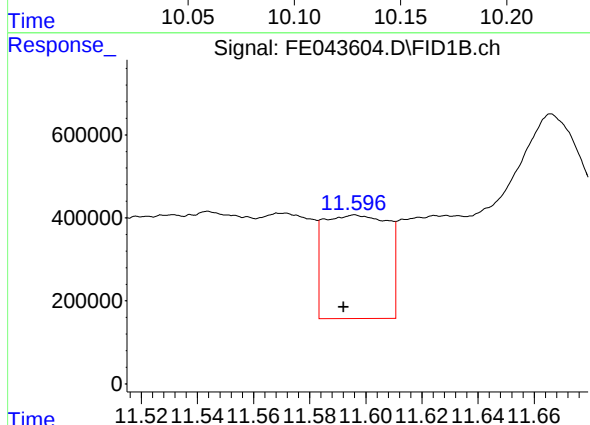
R.T.: 8.516 min
Delta R.T.: -0.022 min
Response: 68794
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



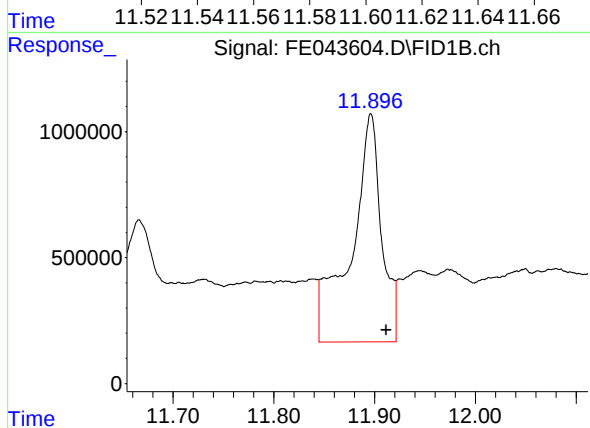
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.019 min
Response: 1562943
Conc: 9.66 ug/ml



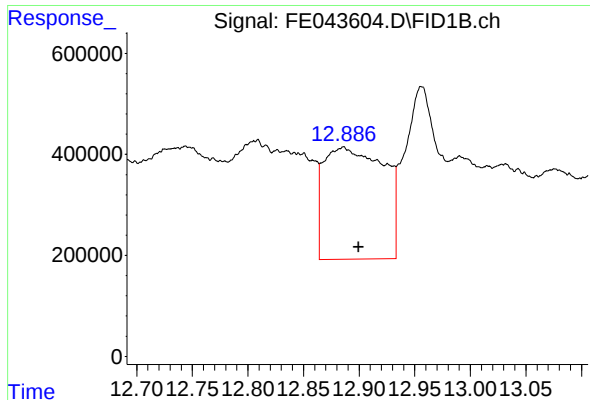
#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: 0.004 min
Response: 3971819
Conc: 24.36 ug/ml



#9 ortho-Terphenyl (SURR)

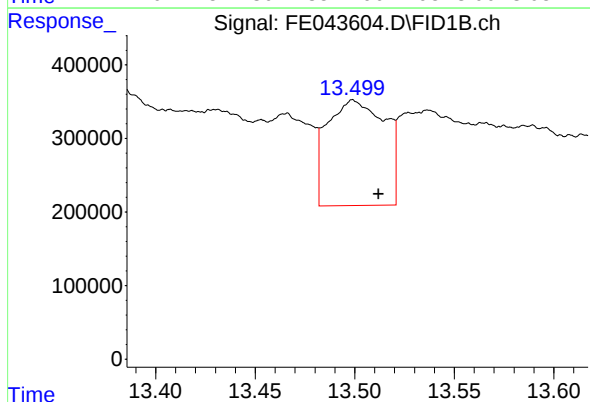
R.T.: 11.896 min
Delta R.T.: -0.015 min
Response: 18977736
Conc: 105.98 ug/ml



#10 n-Eicosane (C20)

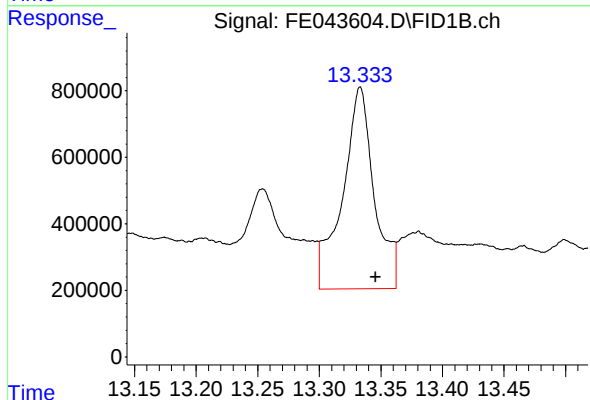
R.T.: 12.886 min
Delta R.T.: -0.014 min
Response: 8355592
Conc: 53.78 ug/ml

Instrument :
FID_E
ClientSampleId :



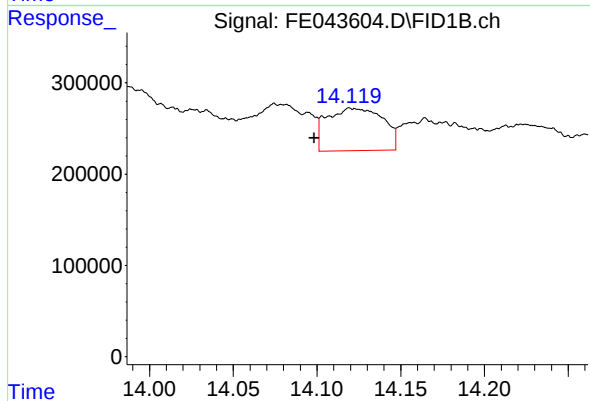
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.013 min
Response: 2890301
Conc: 19.08 ug/ml



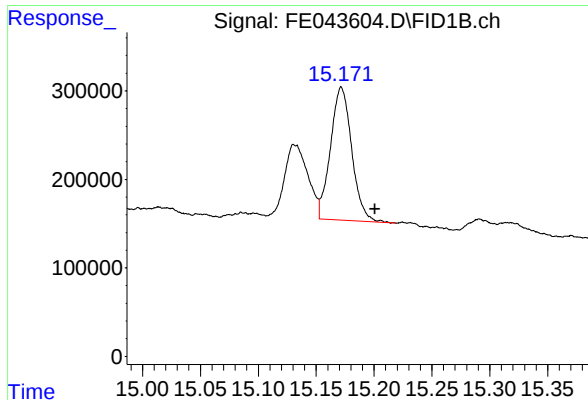
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.013 min
Response: 10884442
Conc: 82.84 ug/ml



#13 n-Docosane (C22)

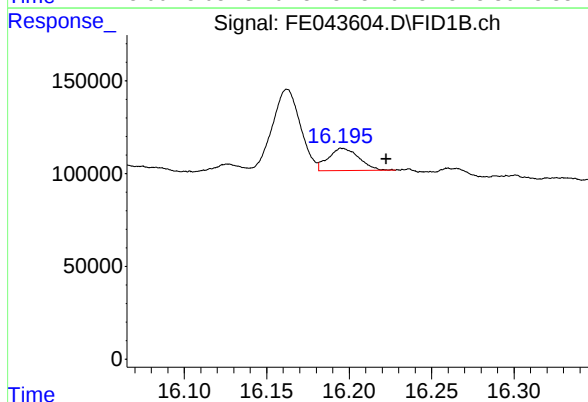
R.T.: 14.120 min
Delta R.T.: 0.021 min
Response: 1085352
Conc: 7.26 ug/ml



#14 n-Tetracosane (C24)

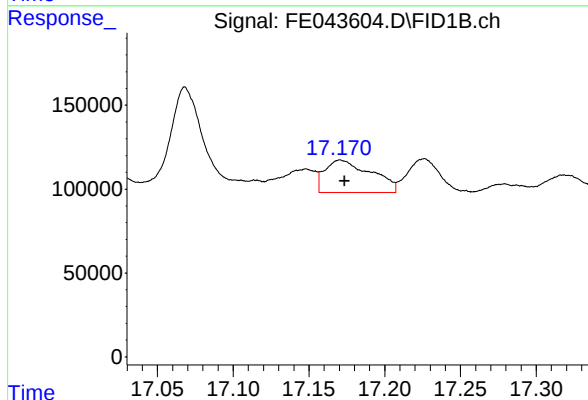
R.T.: 15.172 min
Delta R.T.: -0.029 min
Response: 1922179
Conc: 13.09 ug/ml

Instrument :
FID_E
ClientSampleId :



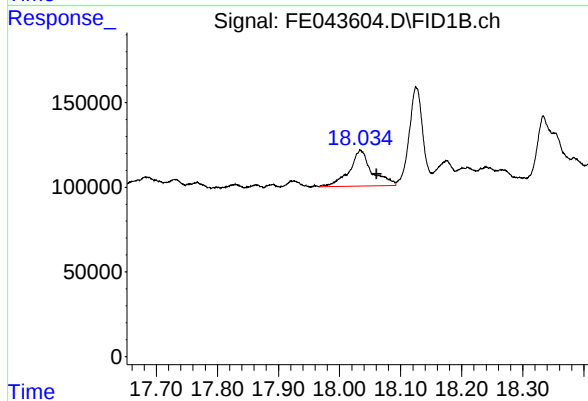
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.027 min
Response: 157099
Conc: 1.10 ug/ml



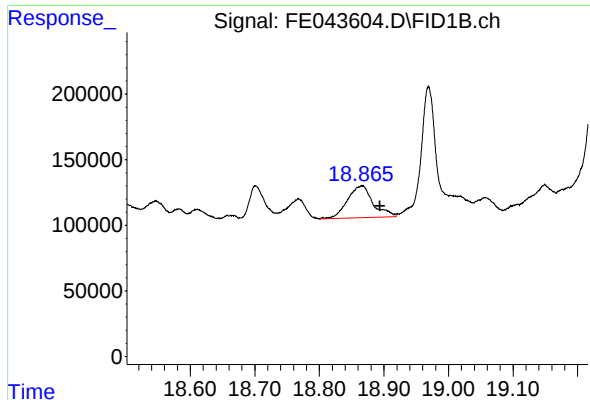
#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: -0.003 min
Response: 415127
Conc: 2.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: -0.027 min
Response: 549173
Conc: 3.73 ug/ml



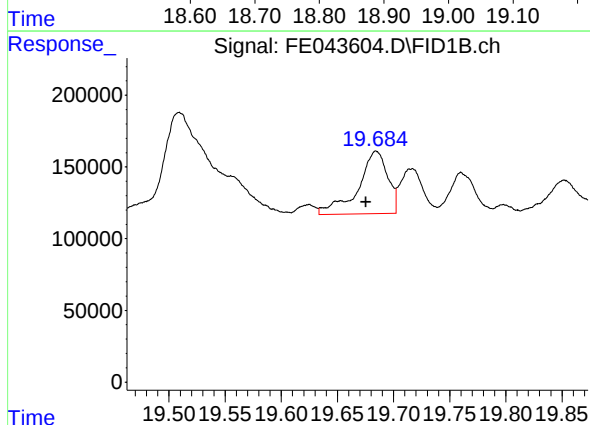
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.027 min
Response: 665621
Conc: 4.49 ug/ml

Instrument :

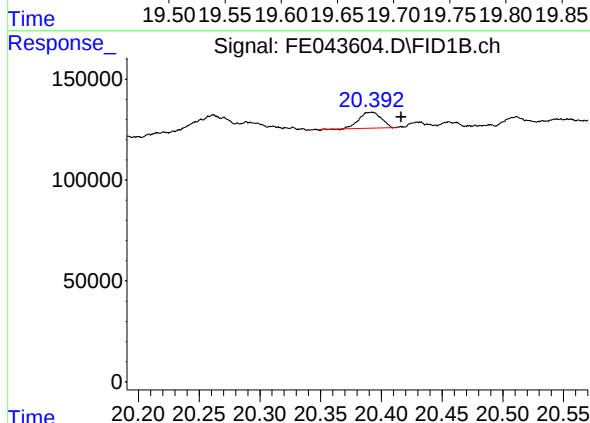
FID_E

ClientSampleId :



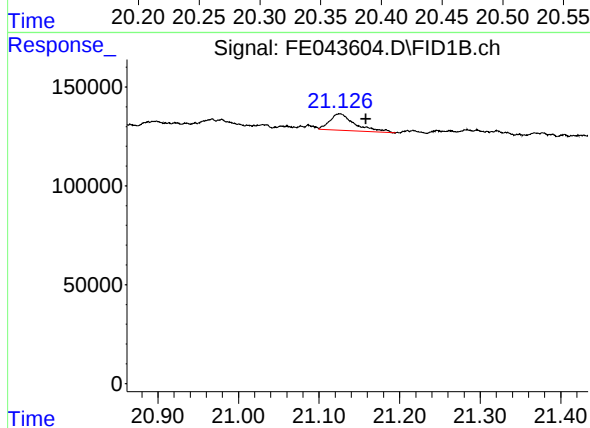
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: 0.009 min
Response: 795635
Conc: 5.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.025 min
Response: 101166
Conc: 0.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.032 min
Response: 182747
Conc: 1.28 ug/ml