

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040105.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2023 10:07
 Operator : YP\AJ
 Sample : 01328-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 10:37:43 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)	11.901	533821	3.476 ug/ml
Spiked Amount 50.000		Recovery =	6.95%
12) S 1-chlorooctadecane (S...	13.343	5069108	43.438 ug/ml
Spiked Amount 50.000		Recovery =	86.88%
Target Compounds			
4) T n-Dodecane (C12)	6.710	83586	0.665 ug/ml
6) T n-Tetradecane (C14)	8.536	75684	0.588 ug/ml
7) T n-Hexadecane (C16)	10.143	75345	0.559 ug/ml
8) T n-Octadecane (C18)	11.585	94399	0.674 ug/ml
10) T n-Eicosane (C20)	12.894	90853	0.656 ug/ml
13) T n-Docosane (C22)	14.093	86061	0.620 ug/ml
14) T n-Tetracosane (C24)	15.196	91207	0.662 ug/ml
15) T n-Hexacosane (C26)	16.218	74881	0.561 ug/ml
16) T n-Octacosane (C28)	17.169	111860	0.859 ug/ml
17) T n-Tricontane (C30)	18.056	143637	1.126 ug/ml
18) T n-Dotriacontane (C32)	18.890	169200	1.338 ug/ml
19) T n-Tetratriacontane (C34)	19.673	80195	0.649 ug/ml
20) T n-Hexatriacontane (C36)	20.420	138469	1.174 ug/ml
21) T n-Octatriacontane (C38)	21.147	84185	0.704 ug/ml
22) T n-Tetracontane (C40)	22.049	66614	0.549 ug/ml

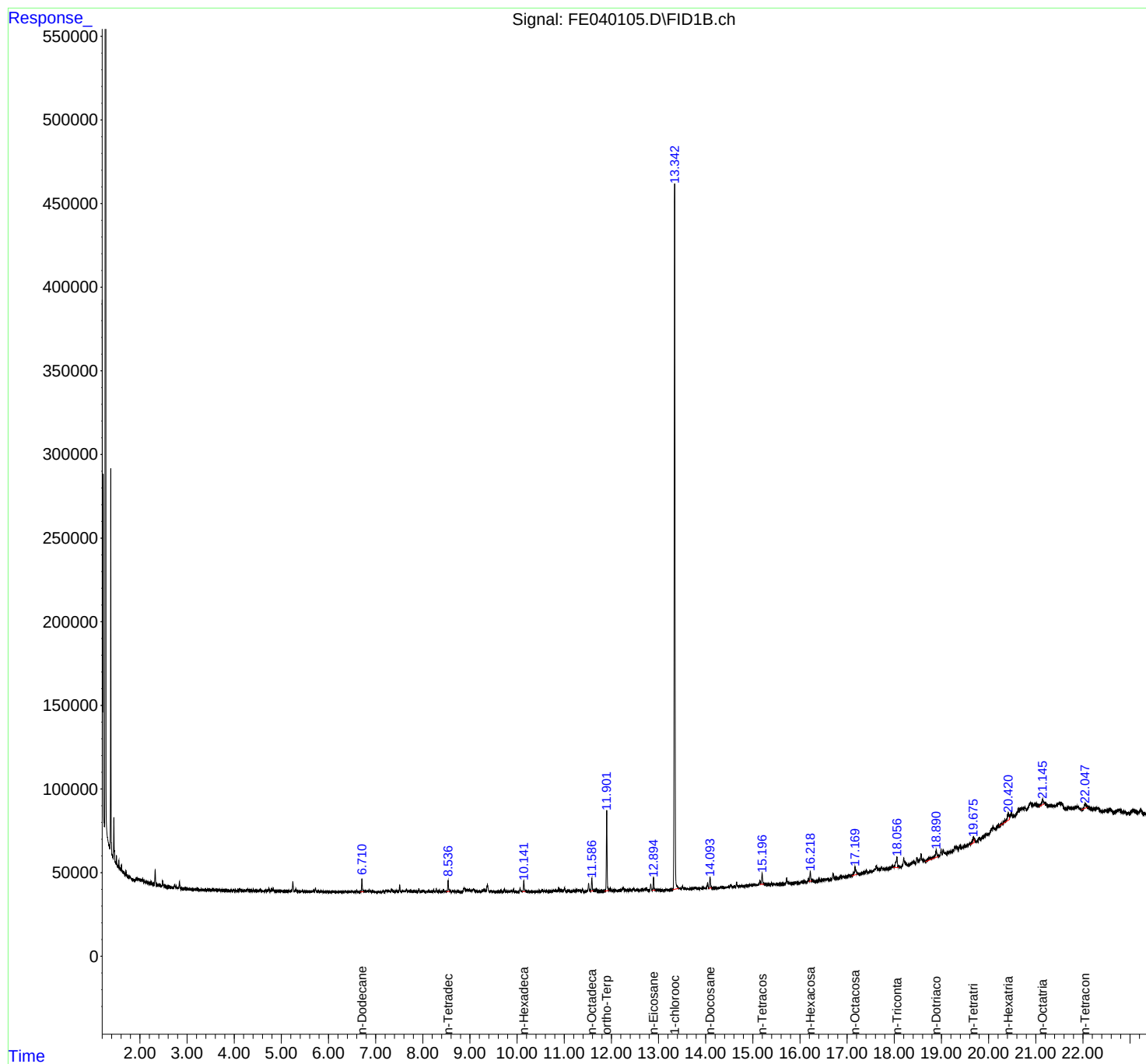
(f)=RT Delta > 1/2 Window

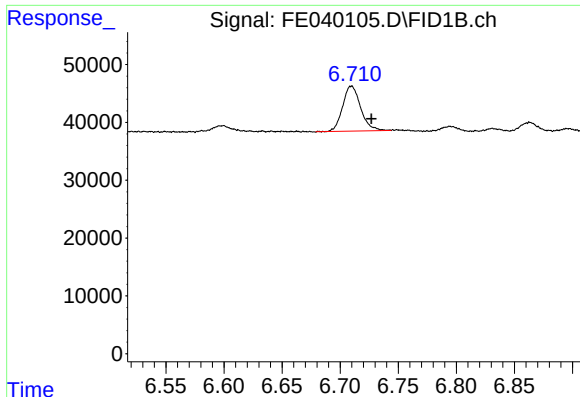
(m)=manual int.

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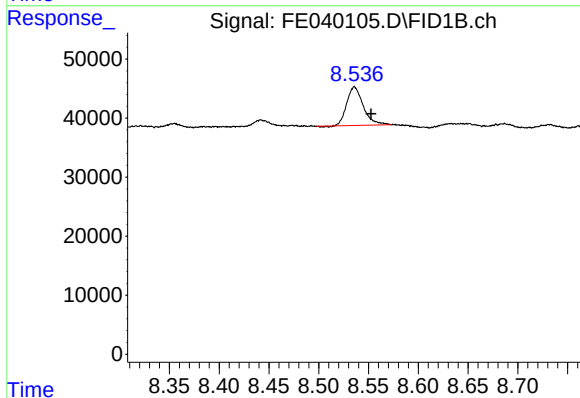
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





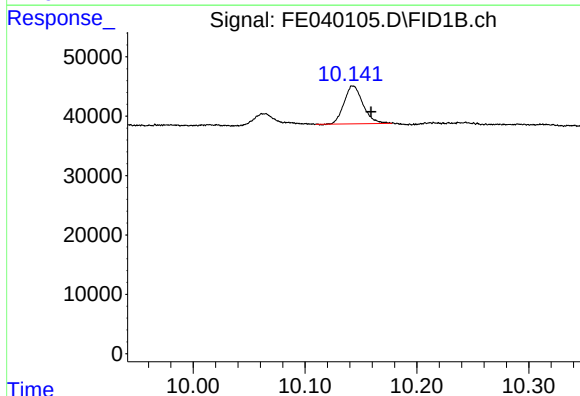
#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.017 min
Response: 83586
Conc: 0.66 ug/ml



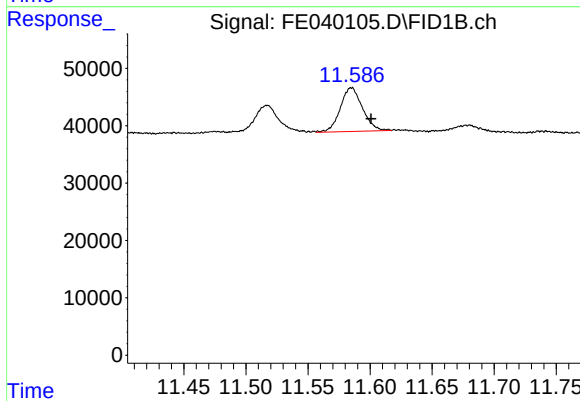
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.017 min
Response: 75684
Conc: 0.59 ug/ml



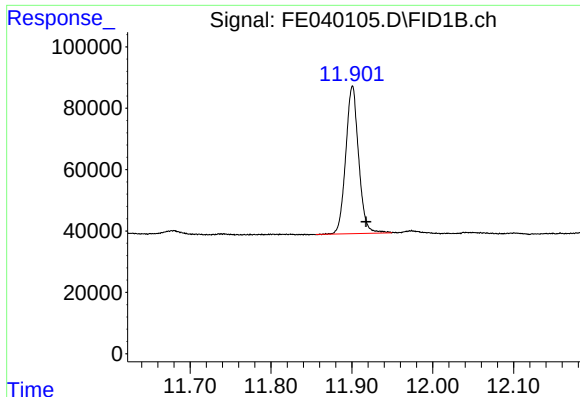
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.016 min
Response: 75345
Conc: 0.56 ug/ml



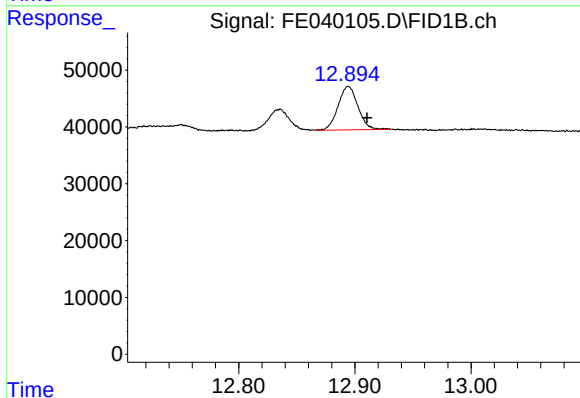
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.016 min
Response: 94399
Conc: 0.67 ug/ml



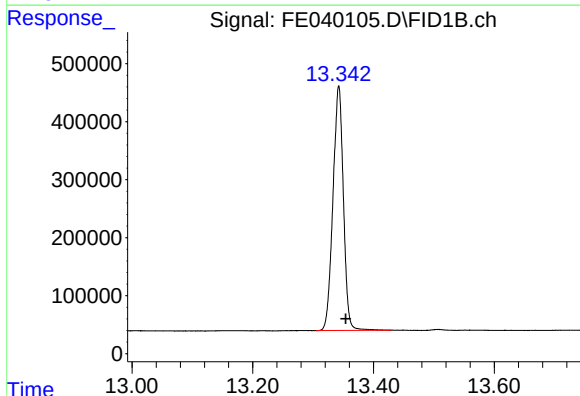
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 533821
Conc: 3.48 ug/ml



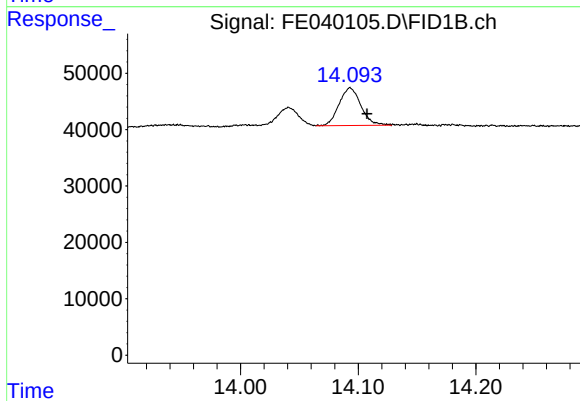
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.016 min
Response: 90853
Conc: 0.66 ug/ml



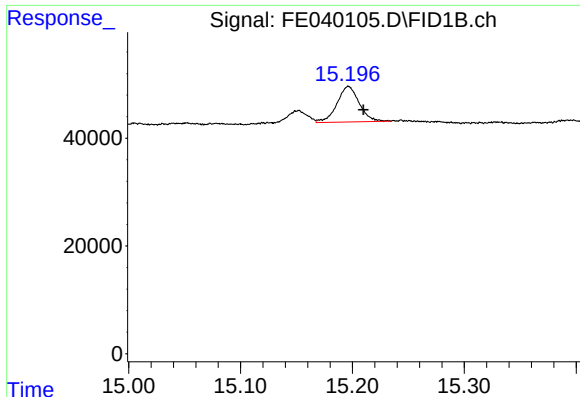
#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.011 min
Response: 5069108
Conc: 43.44 ug/ml



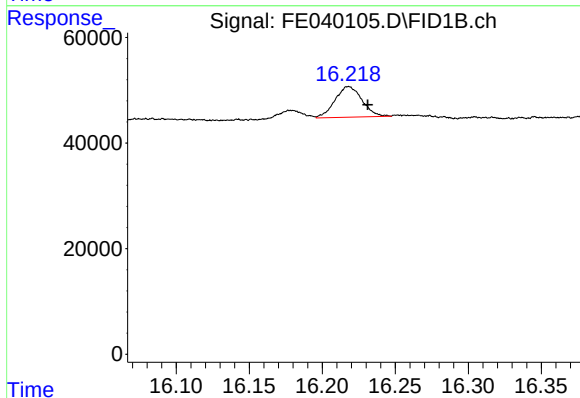
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.014 min
Response: 86061
Conc: 0.62 ug/ml



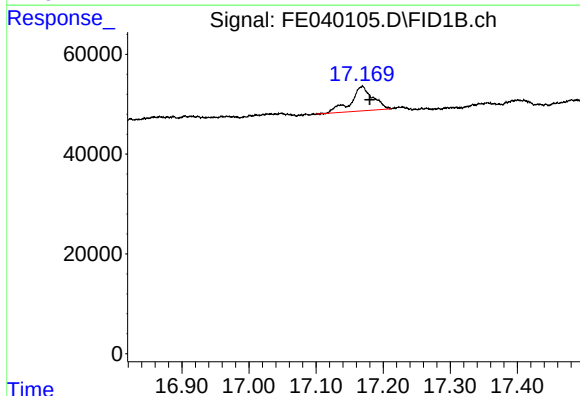
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.013 min
Response: 91207
Conc: 0.66 ug/ml



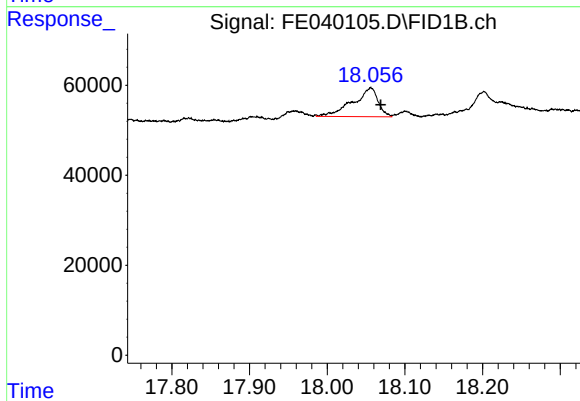
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.013 min
Response: 74881
Conc: 0.56 ug/ml



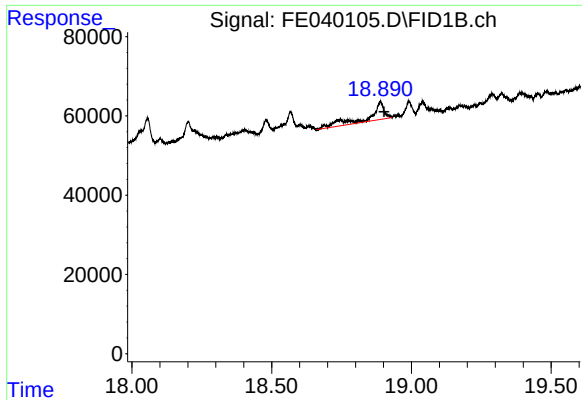
#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: -0.011 min
Response: 111860
Conc: 0.86 ug/ml



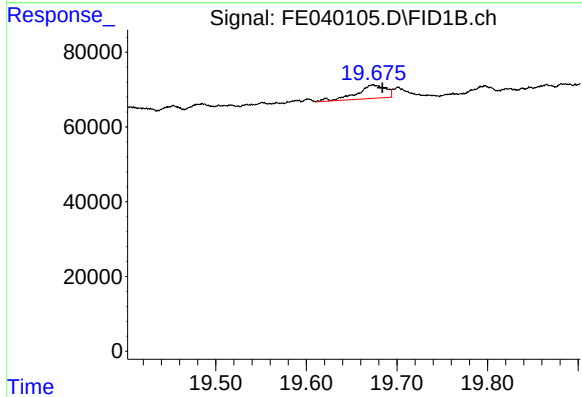
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.012 min
Response: 143637
Conc: 1.13 ug/ml



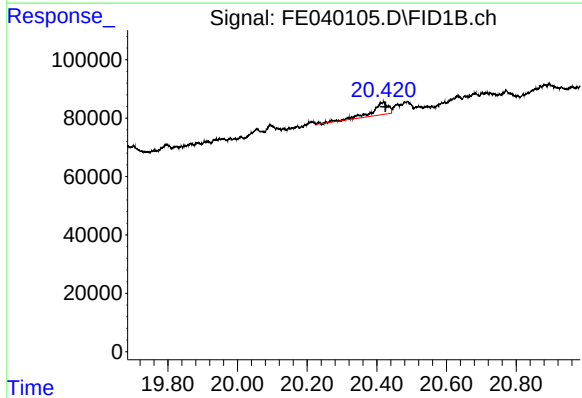
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.012 min
Response: 169200
Conc: 1.34 ug/ml



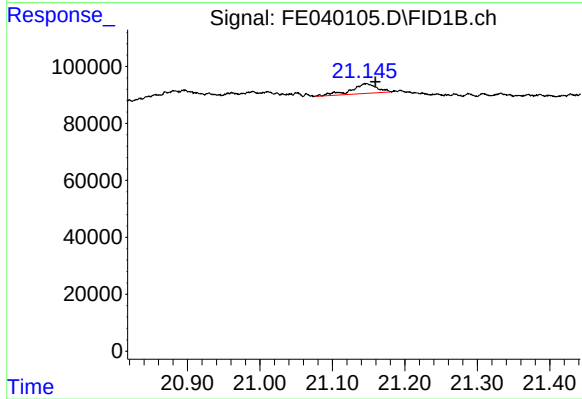
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.010 min
Response: 80195
Conc: 0.65 ug/ml



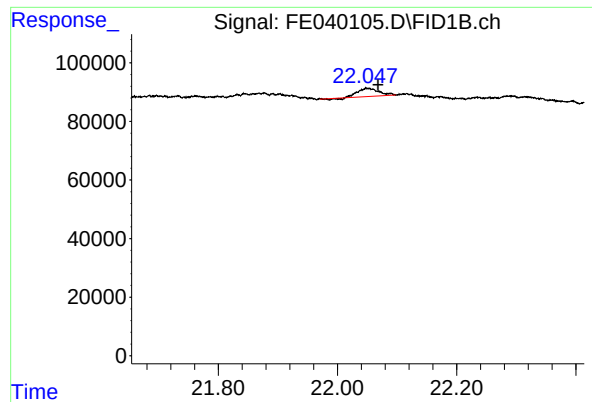
#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.005 min
Response: 138469
Conc: 1.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.012 min
Response: 84185
Conc: 0.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: -0.019 min
Response: 66614
Conc: 0.55 ug/ml