

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053445.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2021 23:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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Integration File: sample.E
 Quant Time: Apr 28 07:38:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

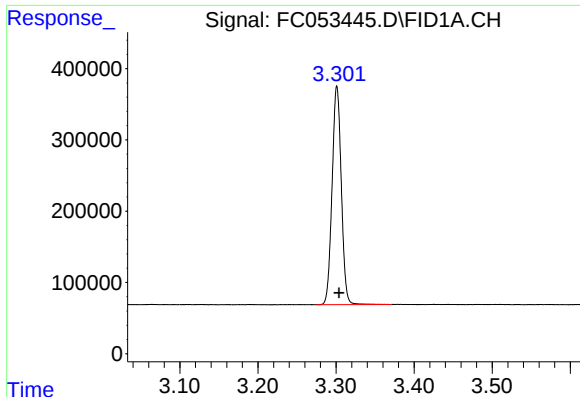
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.549	2461264	17.784 ug/ml
Spiked Amount 50.000		Recovery =	35.57%
12) S 1-chlorooctadecane (S...	12.990	1866829	17.248 ug/ml
Spiked Amount 50.000		Recovery =	34.50%
Target Compounds			
1) T n-Nonane (C9)	3.301	2514819	21.677 ug/ml
2) T n-Decane (C10)	4.368	2564715	21.914 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2800366	21.526 ug/ml
4) T n-Dodecane (C12)	6.389	2604138	21.822 ug/ml
5) T A~2-methylnaphthalene...	7.013	2821992	21.350 ug/ml
6) T n-Tetradecane (C14)	8.188	2559684	21.032 ug/mlm
7) T n-Hexadecane (C16)	9.790	2438445	20.265 ug/ml
8) T n-Octadecane (C18)	11.234	2421329	19.109 ug/ml
10) T n-Eicosane (C20)	12.545	2315143	18.053 ug/ml
11) T n-Heneicosane (C21)	13.158	2240920	17.449 ug/ml
13) T n-Docosane (C22)	13.746	2221237	17.235 ug/ml
14) T n-Tetracosane (C24)	14.850	2197915	17.018 ug/ml
15) T n-Hexacosane (C26)	15.872	2173194	16.910 ug/ml
16) T n-Octacosane (C28)	16.823	2187698	16.892 ug/mlm
17) T n-Tricontane (C30)	17.712	2214680	16.446 ug/mlm
18) T n-Dotriacontane (C32)	18.545	2187529	15.951 ug/mlm
19) T n-Tetratriacontane (C34)	19.330	2129401	16.318 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	2032030	16.783 ug/mlm
21) T n-Octatriacontane (C38)	20.806	1918387	18.206 ug/mlm
22) T n-Tetracontane (C40)	21.709	2003624	19.136 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



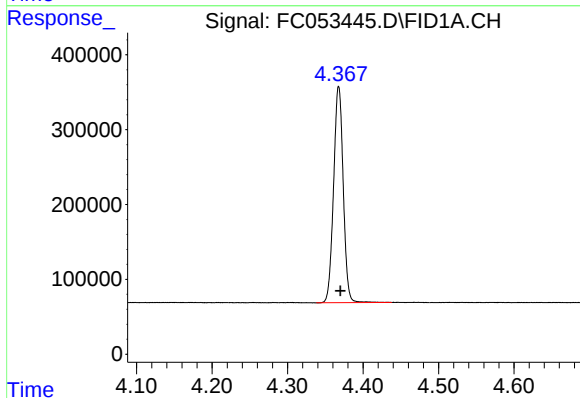
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.003 min
Response: 2514819
Conc: 21.68 ug/ml

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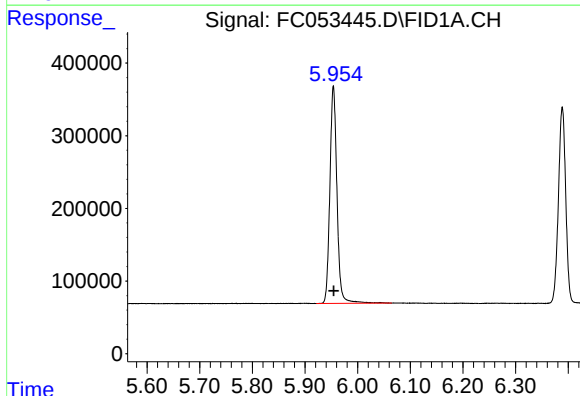
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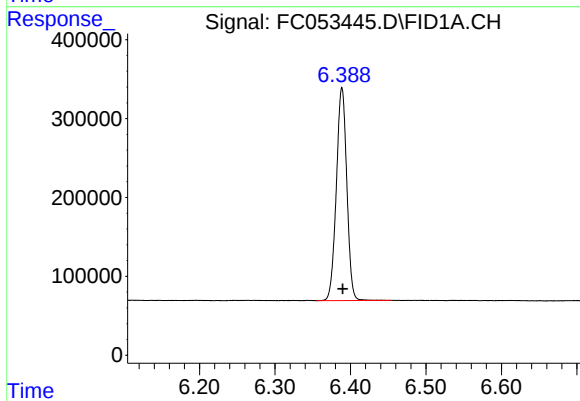
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 2564715
Conc: 21.91 ug/ml



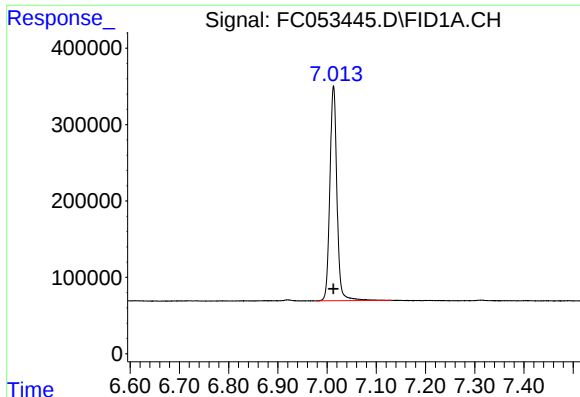
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 2800366
Conc: 21.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 2604138
Conc: 21.82 ug/ml



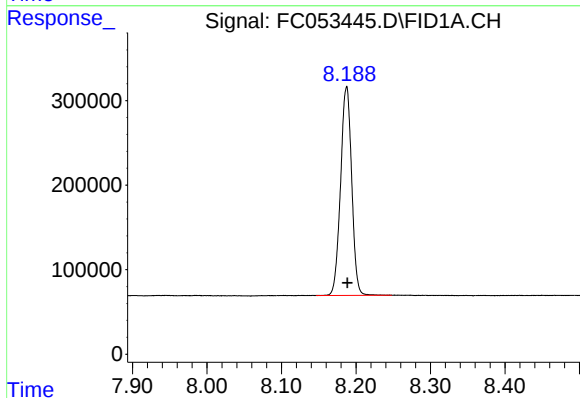
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 2821992
Conc: 21.35 ug/ml

Instrument :
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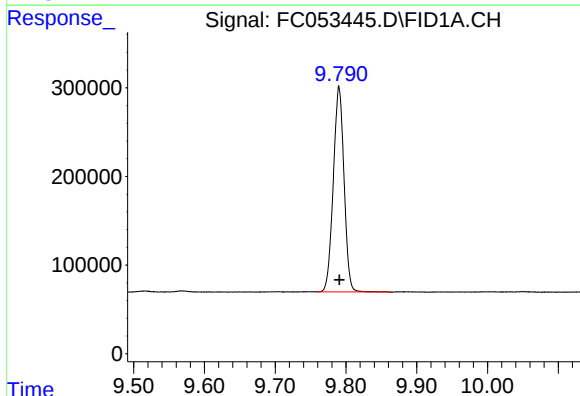
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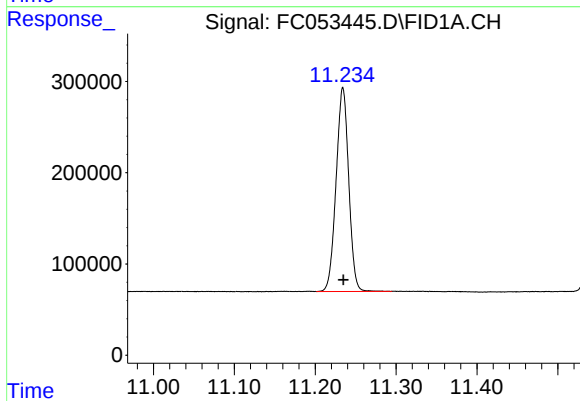
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2559684
Conc: 21.03 ug/ml m



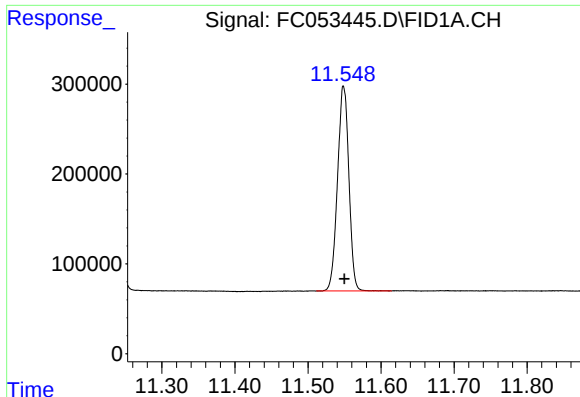
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 2438445
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 2421329
Conc: 19.11 ug/ml



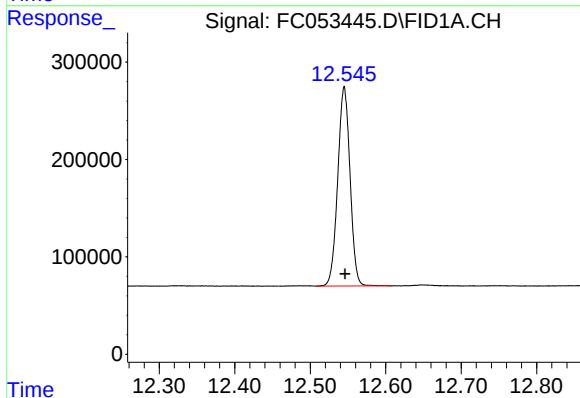
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 2461264
Conc: 17.78 ug/ml

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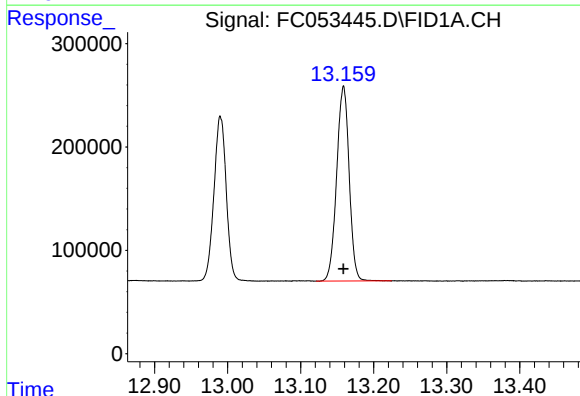
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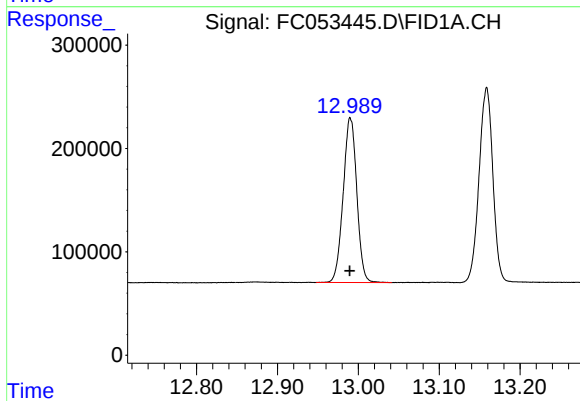
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.001 min
Response: 2315143
Conc: 18.05 ug/ml



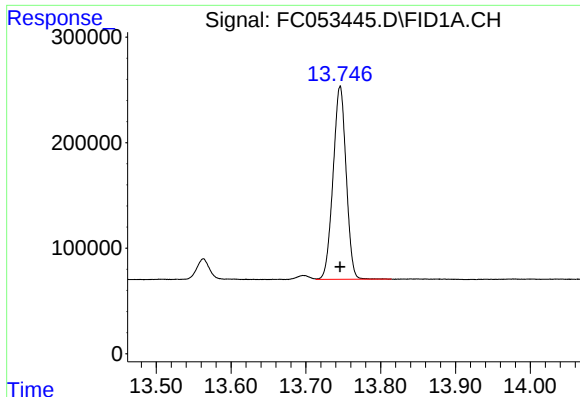
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 2240920
Conc: 17.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 1866829
Conc: 17.25 ug/ml



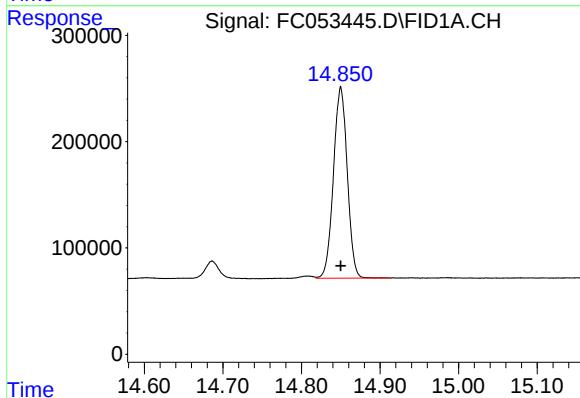
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 2221237
Conc: 17.23 ug/ml

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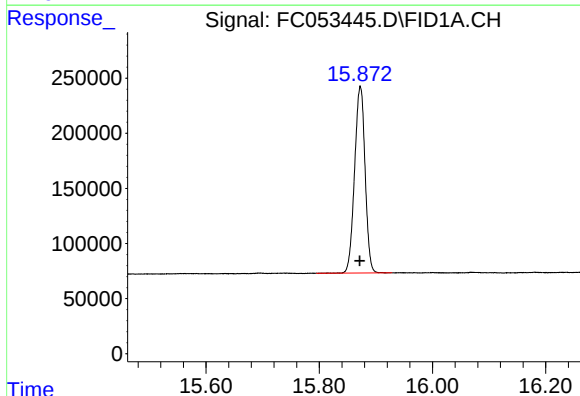
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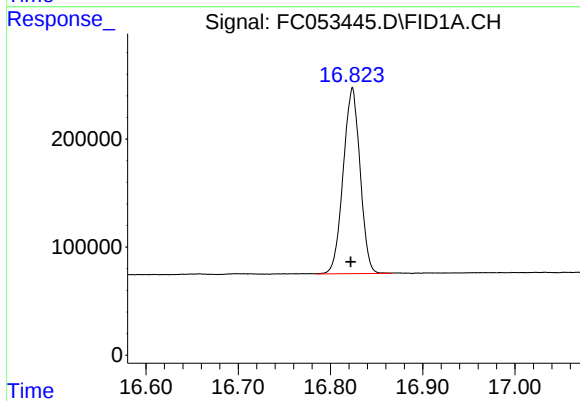
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2197915
Conc: 17.02 ug/ml



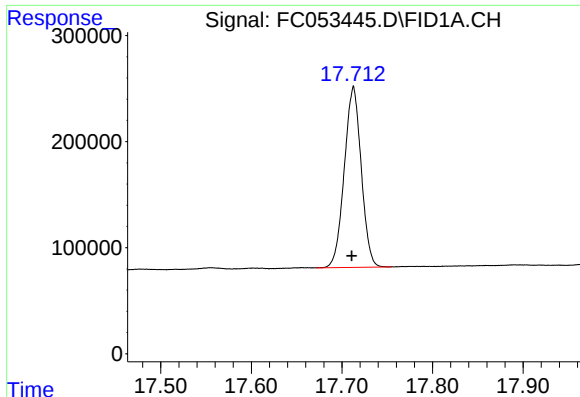
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.001 min
Response: 2173194
Conc: 16.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: 0.001 min
Response: 2187698
Conc: 16.89 ug/ml m



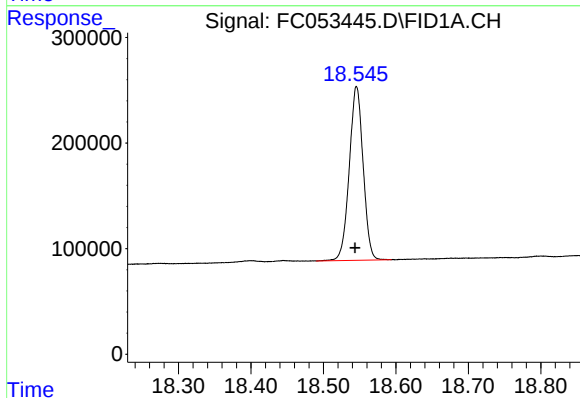
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: 0.002 min
Response: 2214680
Conc: 16.45 ug/ml m

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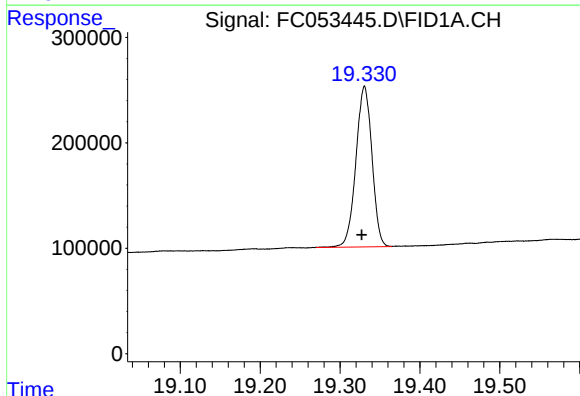
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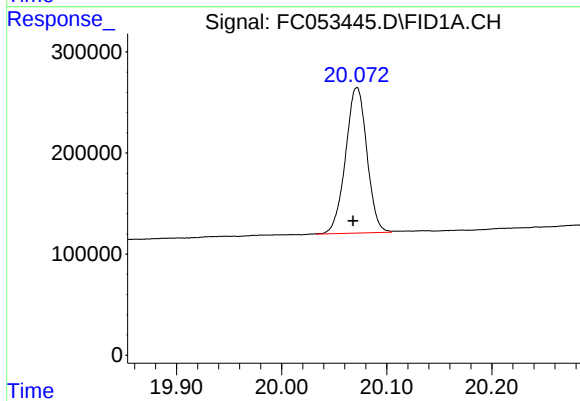
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.001 min
Response: 2187529
Conc: 15.95 ug/ml m



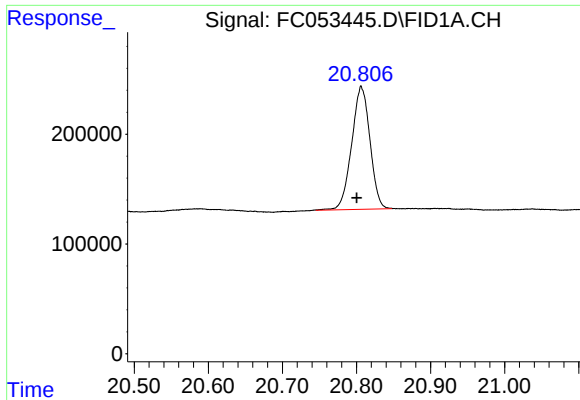
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.003 min
Response: 2129401
Conc: 16.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.004 min
Response: 2032030
Conc: 16.78 ug/ml m



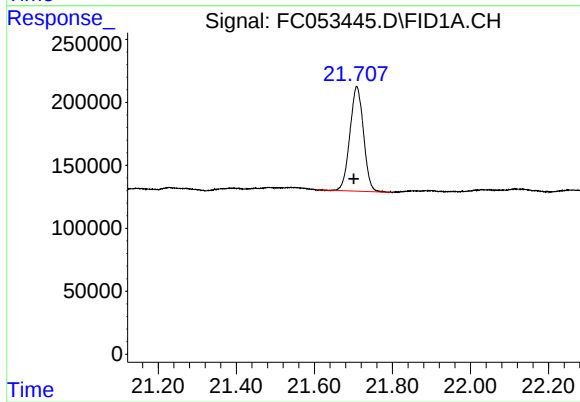
#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.005 min
Response: 1918387
Conc: 18.21 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.007 min
Response: 2003624
Conc: 19.14 ug/ml