

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046938.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 15:12
 Operator : YP/AJ
 Sample : 05449-11
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 22:51:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.478	7161998	39.271 ug/ml
Spiked Amount 50.000		Recovery =	78.54%
6) S 2-Fluorobiphenyl (SURR)	8.330	3936570	33.451 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.90%
11) S ortho-Terphenyl (SURR)	11.367	6628590	31.303 ug/ml
Spiked Amount 50.000		Recovery =	62.61%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.874	60796	0.302 ug/ml
7) T Acenaphthene (C15.5)	8.388	36186	0.185 ug/ml
9) T Phenanthrene (C19.36)	10.597	65306	0.367 ug/ml
12) T Fluoranthene (C21.85)	12.396	118756	0.688 ug/ml
13) T Pyrene (C20.8)	12.690	111276	0.669 ug/ml
14) T Benzo[a]anthracene (C...	14.555	35678	0.254 ug/ml
15) T Chrysene (C27.41)	14.598	74236	0.476 ug/ml
16) T benzo[b]fluoranthene ...	16.097	90955	0.635 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	70957	0.485 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	64013	0.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	363251	2.875 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	161553	1.156 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	53765	0.385 ug/ml

(f)=RT Delta > 1/2 Window

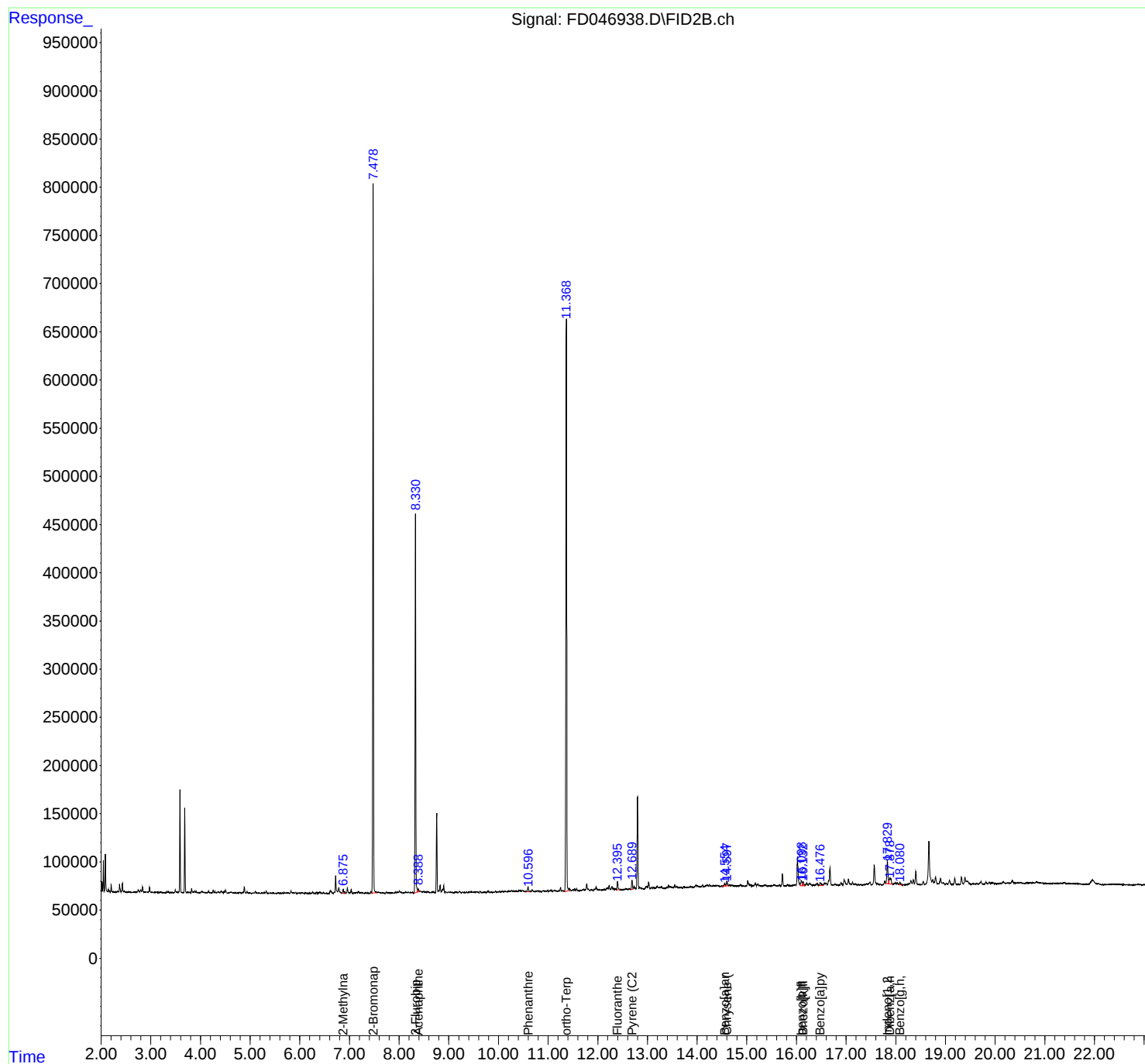
(m)=manual int.

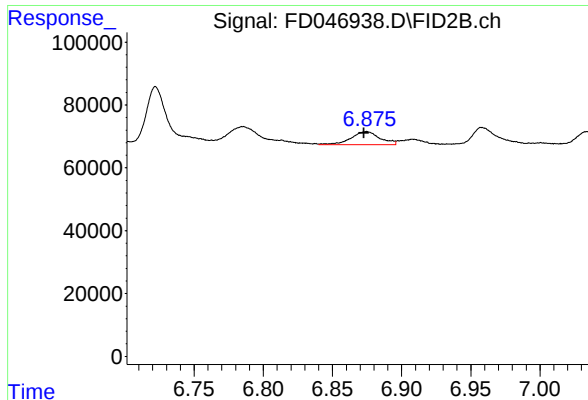
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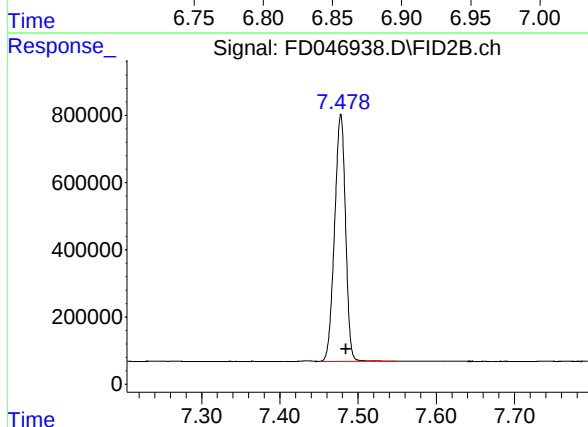




#3 2-Methylnaphthalene (C12.89)

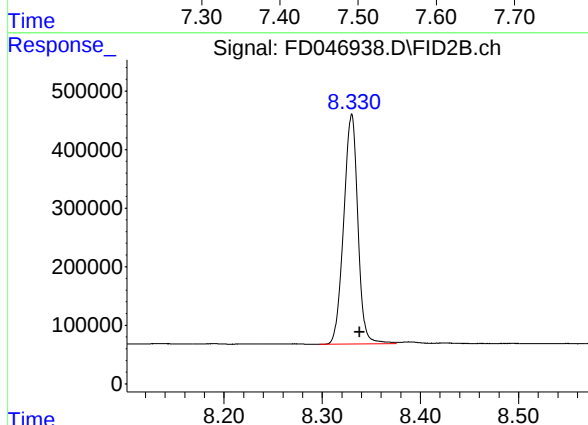
R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 60796
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



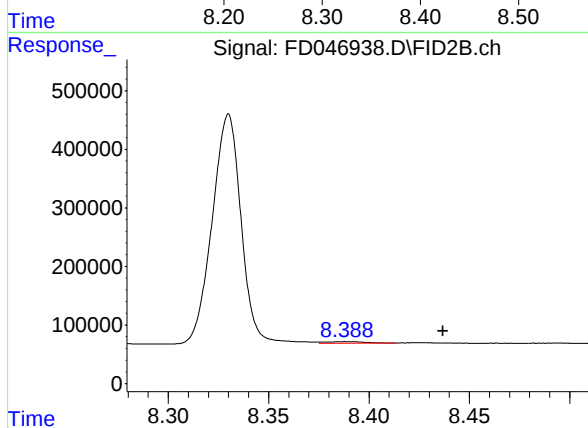
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: -0.007 min
Response: 7161998
Conc: 39.27 ug/ml



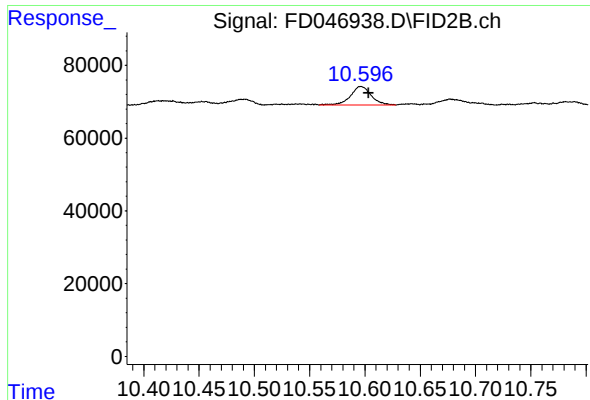
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 3936570
Conc: 33.45 ug/ml



#7 Acenaphthene (C15.5)

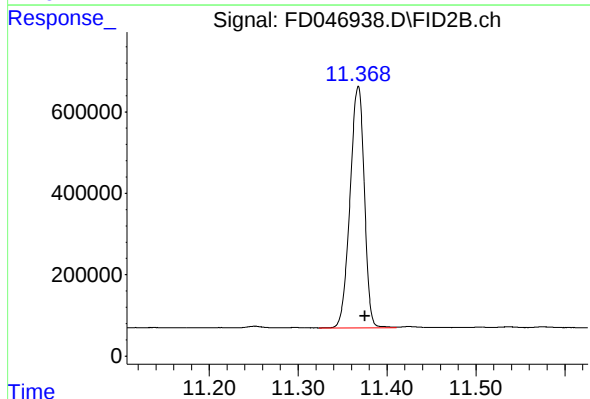
R.T.: 8.388 min
Delta R.T.: -0.049 min
Response: 36186
Conc: 0.18 ug/ml



#9 Phenanthrene (C19.36)

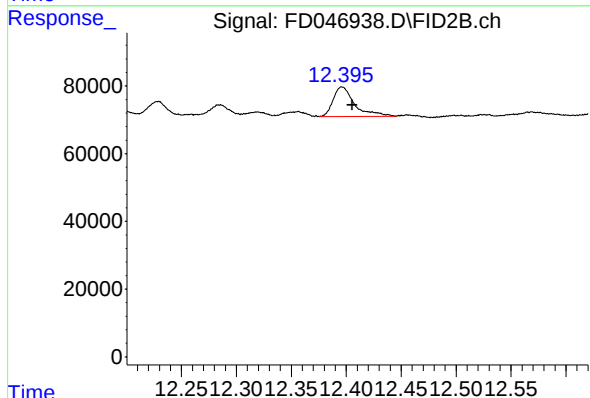
R.T.: 10.597 min
Delta R.T.: -0.007 min
Response: 65306
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



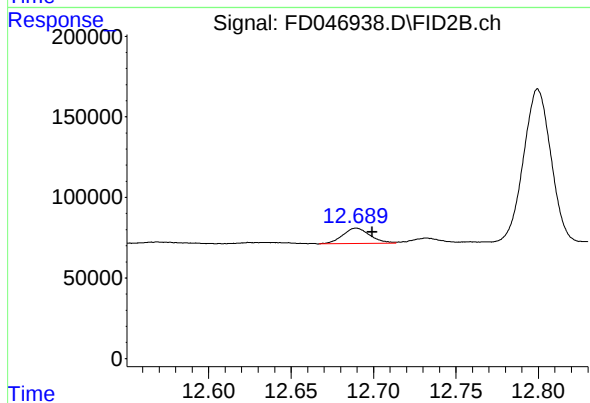
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: -0.008 min
Response: 6628590
Conc: 31.30 ug/ml



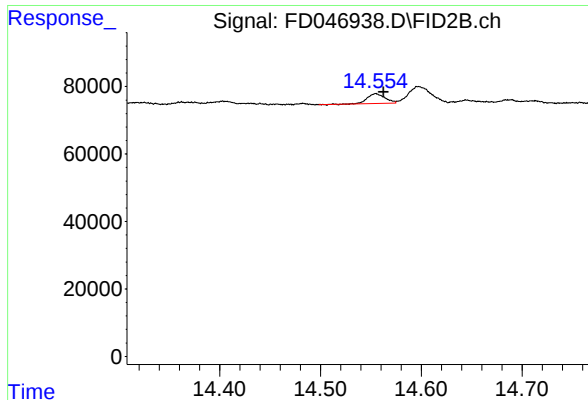
#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: -0.009 min
Response: 118756
Conc: 0.69 ug/ml



#13 Pyrene (C20.8)

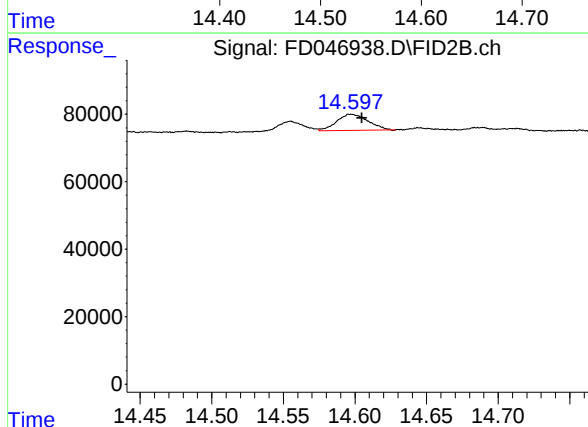
R.T.: 12.690 min
Delta R.T.: -0.009 min
Response: 111276
Conc: 0.67 ug/ml



#14 Benzo[a]anthracene (C26.37)

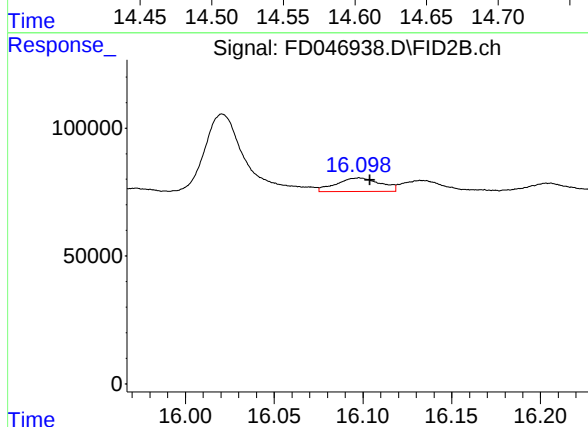
R.T.: 14.555 min
Delta R.T.: -0.008 min
Response: 35678
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



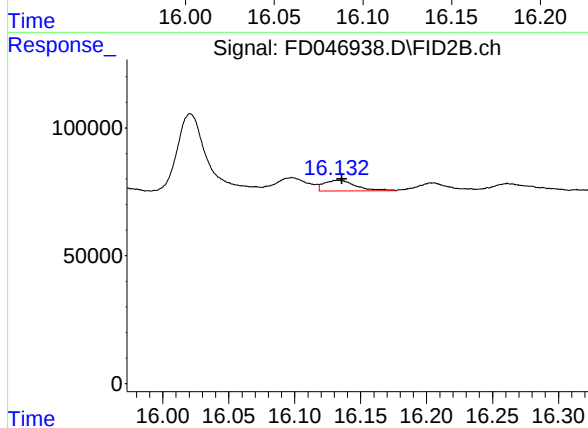
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: -0.007 min
Response: 74236
Conc: 0.48 ug/ml



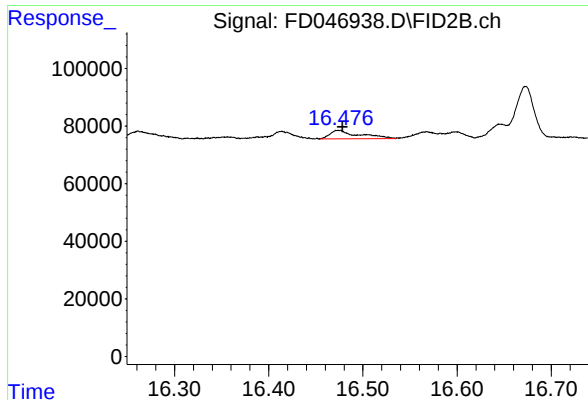
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.097 min
Delta R.T.: -0.006 min
Response: 90955
Conc: 0.64 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

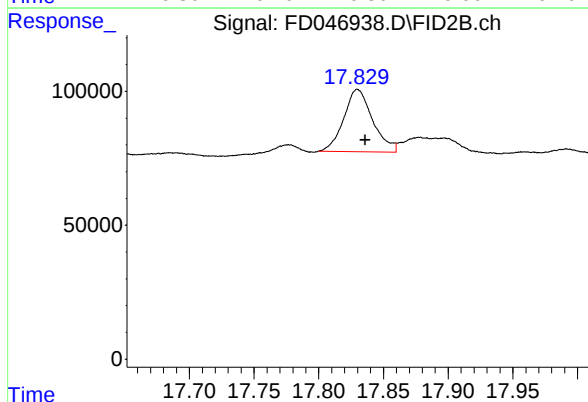
R.T.: 16.133 min
Delta R.T.: -0.003 min
Response: 70957
Conc: 0.48 ug/ml



#18 Benzo[a]pyrene (C31.34)

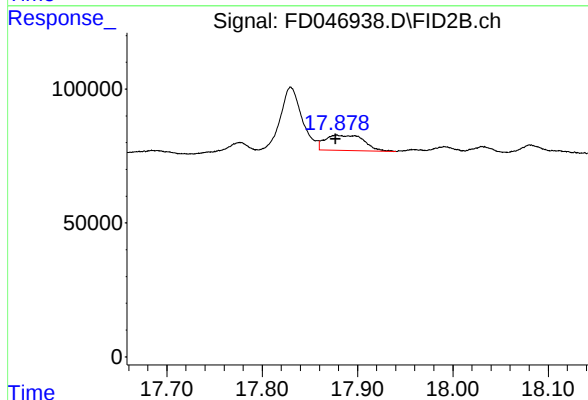
R.T.: 16.474 min
Delta R.T.: -0.004 min
Response: 64013
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



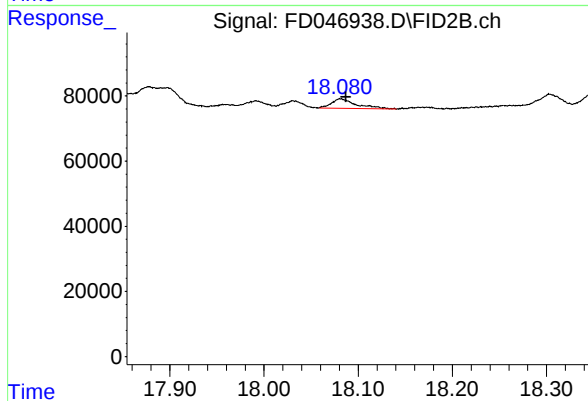
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: -0.006 min
Response: 363251
Conc: 2.88 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.878 min
Delta R.T.: 0.001 min
Response: 161553
Conc: 1.16 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 53765
Conc: 0.39 ug/ml